

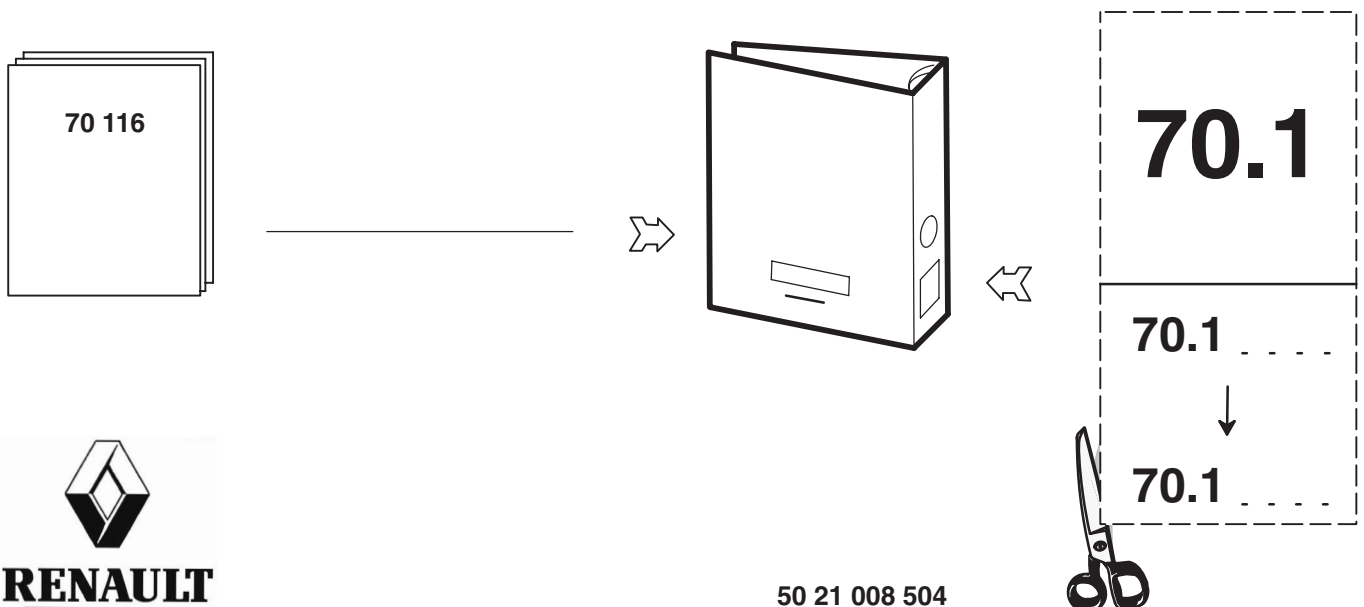
70 116 – AN – 08.2002

ELECTRICS

ELECTRICS	VEHICLES
ELECTRICAL EQUIPMENT	RENAULT MAGNUM E. TECH

NOTE

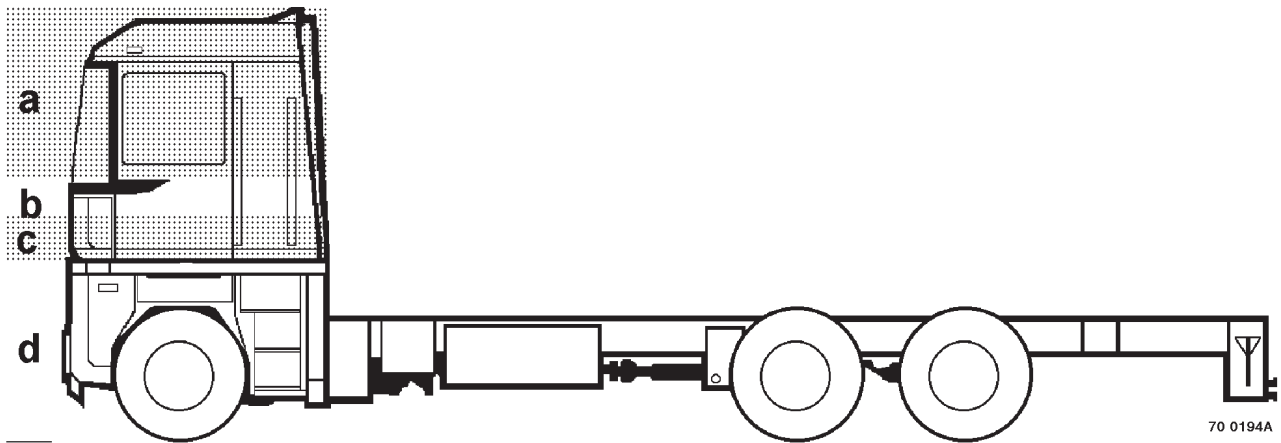
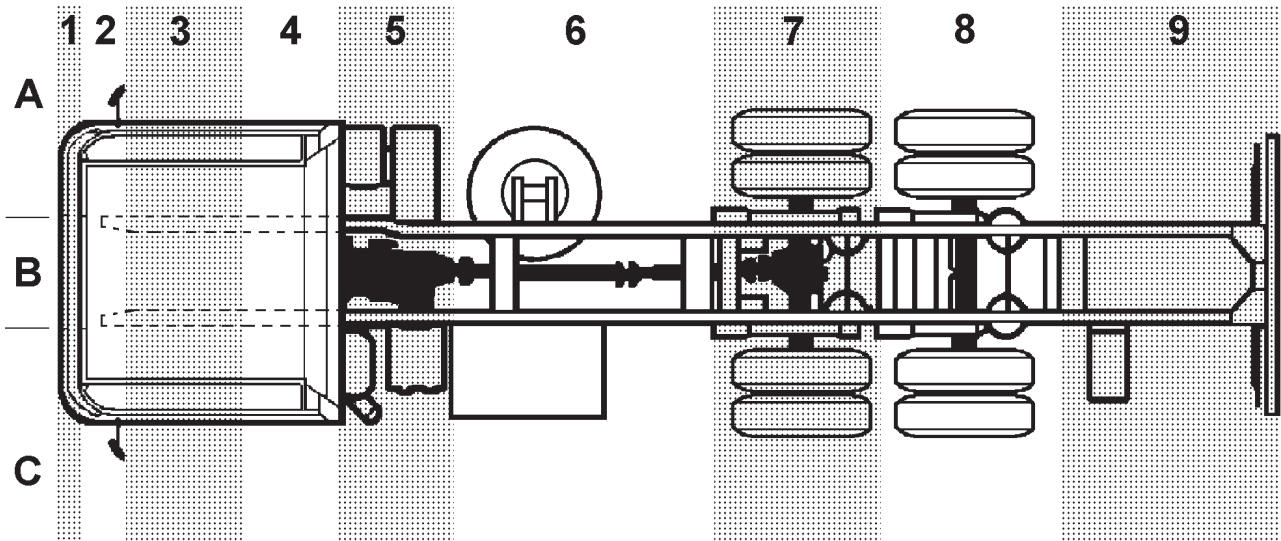
The above information may change in the course of time.
 Only the "Consult" section of the workshop manuals repertory in standard N° 10320 serves as reference.



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GENERALITIES



70 0194A

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 27B/C

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).

CONNECTION UNIT

The connection unit enables electrical links between relays/fuses/diodes.
Each face of the unit is detailed in the "Connection unit" booklet.

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 **48** = section **2**, connector **980**: terminal **B5**.

BULKHEAD GROMMET:

Bulkhead grommets enable electrical links between chassis and cab.
Each wall of the bulkhead is detailed in the "Connection unit" booklet.

Interface connector

This type of connector has a direct link between two bulkhead grommet walls.

Links between wiring harnesses

Certain wiring harnesses are interconnected by hook-up connectors.

Example:

C153 (dashboard harness) → C154 (engine harness).....Vi.....8

The dashboard wiring harness 8-way purple connector C153 is connected to the engine wiring harness 8-way purple connector C154.

Wires – connectors links

A table shows the link of each wire to its connectors. Its section and the terminal number of each connector are stated. The wire numbers are classified numerically.

Example:

Wire **51** = section **0.6**, connector **914**: terminal **B3**

IMPORTANT

1 – 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.

2 – Any wiring harness fastening that has been manipulated should be returned to its initial condition and location before using the vehicle.

SCHEMATIC DIAGRAMS

KEY TO APPLIANCES

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
1129 – Power supply	30R	–
1133 – Resistor	(20M)	A5d
1200 – Fuses and relays connection unit “BFR”	(002//30M)	B2c
1230 – Bulkhead grommet	(003//004)	B2c
1335 – Bodybuilder available power supplies connector	(30N)	C5d
1361 – Connecting strip	(003//004//01S)	B2c
1511 – Fuse box	(30M)	B2c
2100 – Trailer socket, 15–pin	(15N)	B5d/B9d
2101 – Battery N° 1	(01M)	A5d
2102 – Battery N° 2	(01M)	A5d
2103 – Available relay N° 1	(30M)	B2c
2104 – Available relay N° 2	(30M)	B2c
2105 – Available relay N° 3	(30M)	B2c
2113 – Trailer socket, 7–pin type 24 N	(15M)	B5d/B9d
2115 – Trailer socket, 7–pin type 24 S	(08R//15M)	B5d/B9d
2116 – Trailer socket, 7–pin type “EBS”	(15M/N)	B5d/B9d
2133 – 12 volt socket	(14M)	B3c
2141 – Available power supply (lighting)	(30L/P)	A2a/B9d/B2c
2142 – Available power supply (after ignition)	(30L/P)	B2c
2147 – Available power supply (after master switch)	(30M/P)	B2c
2157 – Available power supply (video)	(30L)	C3a
2165 – Master switch	(01M)	A5d
2168 – Available power supply (roof light bank)	(04P)	A5d
2171 – ADR master switch	(01T)	A5d
2196 – After ignition power supply relay N° 1	(01P)	B2c
2197 – After ignition power supply relay N° 2	(01R)	B2c
2200 – Anti–theft electronic box	(002//01N//08R)	C2b
2210 – Starter with integrated relay	(02N)	B4d
2219 – Transponder antenna	(01N)	C2b
2220 – Transponder ignition key	(01N)	C2b
2221 – Electronic anti–theft “Information” warning lamp	(19N)	B2b
2224 – Shunt (engine starting, cab tilted)	(02N)	C4d
2261 – Steering lock and starting control	(01M/N//08R)	C2b
2266 – Engine stop control (cab tilted)	(27R)	B3d
2311 – Alternator	(01M)	B3d
2314 – Battery charge warning lamp	(19N)	C2b
2400 – Fuel filter clogging pressure switch	(19M)	C5d
2414 – Preheating relay	(02M)	B3d
2416 – Preheating relay N°2	(02M)	B3d
2418 – Preheating warning lamp	(19N)	B2b
2452 – Preheating resistor N° 1	(02M)	B3d
2453 – Preheating resistor N° 2	(02M)	B3d
2461 – Engine preheating control	(02M)	C2c
3101 – Flasher unit	(05M//08R)	B2c
3117 – Rigid or tractor flasher repeater lamp	(19N)	C2b
3118 – Trailer flasher repeater lamp	(19N)	C2b
3161 – Hazard lights control	(05M//08R)	C2c
3211 – RH front flashing lamp	(04L)	A1d
3212 – LH front flashing lamp	(04L)	C1d
3213 – RH side flashing lamp	(05M)	A2d
3214 – LH side flashing lamp	(05M)	C2d
3410 – Roof trumpet horn solenoid valve	(05M)	B3c
3411 – Horn	(05M)	C2d
3512 – Stop lights relay	(05N)	B2c
3513 – Fog light(s) relay	(04S)	B2c
3517 – Fog light(s) warning lamp	(19M)	C2b
3613 – RH front side/parking lamp	(04L)	A1d
3614 – LH front side/parking lamp	(04L)	C1d
3618 – Side/parking lights relay	(04M)	B2c
3631 – RH side marker light	(04M)	A2a
3632 – LH side marker light	(04N)	C2a
3635 – RH marker lights (bodybuilder equipment)	(04M)	B2c

KEY TO APPLIANCES

Appliance	Plate	Localisation
3636 – LH marker lights (bodybuilder equipment)	(04N)	B2c
3662 – Lighting relay	(04P)	B2c
3716 – LH central marker lamp	(04N)	C5d
3717 – RH central marker lamp	(04M)	A5d
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
4001 – Doors central locking box	(08M)	C2a
4047 – Passenger's side electric door striker	(08M)	A3c
4048 – Driver's side electric door striker	(08M)	C3c
4078 – LH door switch	(10N)	C3c
4079 – RH door switch	(10N)	A3c
4111 – Cigar lighter	(14M)	B3c
4118 – Defrosting rearview mirrors warning lamp	(19M)	C2b
4122 – LH swivelling defrosting rearview mirror	(09N)	C2a
4123 – RH swivelling defrosting rearview mirror	(09N)	A2a
4126 – Defrosting rearview mirrors relay	(09N)	B2c
4131 – Passenger's sun visor motor	(14R)	A3a
4132 – Driver's sun visor motor	(14R)	A3a
4133 – Frontal sun visor motor	(14R)	C2a
4135 – Electric roof ventilator motor	(08N)	B3a
4136 – Comfort accessories relay	(14R)	B2c
4160 – Electric roof ventilator control	(08N)	C2a
4161 – External rearview mirrors swivelling control	(09N)	C3b
4163 – Defrosting rearview mirror control	(09N)	C3b
4175 – Front sun blind control	(14R)	B2b
4177 – Passenger's sun visor control (passenger's side)	(14R)	A3b
4178 – Driver's sun visor control (driver's side)	(14R)	C3b
4179 – Driver's sun visor control	(14R)	C3b
4183 – Driver and passenger cab rear overhead lights control	(08N)	B4a
4200 – Voltage dropper (12 Volt socket)	(14M)	A4c
4202 – Radio	(002//14N)	C2a
4209 – Voltage dropper (telecommunications)	(30L)	C2a
4210 – Antenna	(14N/30L)	C3a
4214 – Driver's loudspeaker	(14N)	C3a
4220 – Radio remote control	(19M)	C2b
4221 – Passenger's loudspeaker	(14N)	A3a
4222 – Driver's heated seat	(14M)	C3c
4223 – Passenger's heated seat	(14M)	A3c
4228 – C.B. radio	(30L)	C2a
4229 – Telephone	(30L/N)	A2a
4234 – Printer	(30R/S)	–
4241 – Cab rear radio power supply control	(14N)	B4a
4242 – Radio power supply control	(14N)	C2a
4249 – Satellite antenna	(30S)	C3a
4254 – Antenna (positioning by satellite and telecommunication)	(30R)	A3a
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
4273 – Telecommunication module	(30R)	–
4274 – Badge reader	(30R/S)	–
4275 – Positioning module	(30R)	–
4276 – Onboard management prearrangement (antenna positioning)	(30R)	C2a
4277 – Onboard management prearrangement (antenna telecommunication)	(30R)	B2b
4278 – Onboard management prearrangement (antenna satellite)	(30S)	C5a
4279 – Onboard management prearrangement (screen and keyboard)	(30S)	–

KEY TO APPLIANCES

Appliance	Plate	Localisation
4280 – Onboard management prearrangement (positioning module)	(30R)	C2a
4311 – Driver's window winder motor	(08N)	C3c
4312 – Passenger's window winder motor	(08N)	A3c
4361 – Driver's window winder control	(08N)	C3b
4362 – Passenger's window winder control	(08N)	A3b
4365 – Passenger's window winder control (driver's side)	(08N)	C3b
4403 – Ventilation control box	(17N)	A4c
4422 – Independent heater "Thermo 90S"	(17N)	A4c
4423 – Independent heater "D1LCC/D3LCC"	(17V/W)	C4d
4426 – Main coolant circuit solenoid valve	(17N)	C4d
4459 – Electrical feeder plate to fan	(17S)	B2b
4469 – Independent heater timer control	(17N/W)	B2b
4470 – Interior temperature sensor	(17N)	B2b
4487 – Temperature variator	(17N/V/W)	B4a
4511 – Air conditioning	(17S)	A4d/A3d
4512 – Air conditioning compressor	(17T)	B3d
4545 – Conditioned air relay	(17T)	B2c
4566 – External temperature sensor	(27N)	C1d
4583 – Air conditioning compressor relay	(17T)	B2c
4584 – Centralized lubrication pressure sensor	(18M)	B9d
4617 – Top bunk overhead lamp	(10N)	C4a
4618 – Driver's overhead lamp	(10N)	C3a
4625 – Passenger's overhead lamp	(10N)	A3a
4650 – Driver's step lighting	(10N)	C3c
4651 – Passenger's step lighting	(10N)	A3c
4653 – Driver's map reader	(10N)	C3a
4654 – Passenger's map reader	(10N)	A3a
4655 – RH lower bunk overhead lamp	(10N)	A4a
4656 – LH lower bunk overhead lamp	(10N)	C4a
4673 – Driver and passenger overhead lights control	(10N)	C2a
4689 – Driver and passenger cab rear overhead lights control	(10N)	B4a
4826 – Refrigerator	(14S)	B4c
4908 – Independent heater start-up control	(17V)	B2b
4919 – Fuel feed pump	(17V/W)	C4d
4938 – Cooling circuit main solenoid valve control	(17N)	B3c
5266 – Accelerator pedal position sensor	(27M)	C2c
5270 – Limited speed shunt for export	(27N)	B2b
5300 – Windscreen wiper relay	(11M)	B2c
5310 – Headlamps wash time-delay relay	(11M)	B2c
5311 – Windscreen wiper motor	(11M)	B1b
5314 – Windscreen wash pump	(11M)	A5d
5319 – Headlamps wash pump	(11M)	A5d
5561 – Gate valves illumination control	(30N)	–
6111 – RH dipped beam headlamp	(04L)	A1d
6112 – LH dipped beam headlamp	(04L)	C1d
6113 – RH main beam headlamp	(04L)	A1d
6114 – LH main beam headlamp	(04L)	C1d
6119 – Dipped beam headlights relay	(04R)	B2c
6121 – Main beam headlights relay	(04R)	B2c
6123 – Main beam headlights warning lamp	(19N)	C2b
6124 – Headlight, dipped headlight and left side lamp	(04L)	C1d
6125 – Headlight, dipped headlight and right side lamp	(04L)	A1d
6132 – Dipped beam headlights warning lamp	(19N)	C2b
6138 – LH headlamp adjustment motor	(04T)	C1d
6139 – RH headlamp adjustment motor	(04T)	A1d
6145 – Daytime lights shunt	(04T)	C2b
6166 – Headlights adjustment control	(04L/T)	B3c
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b

KEY TO APPLIANCES

Appliance	Plate	Localisation
6211 – LH fog driving lamp	(04S)	C1d
6212 – RH fog driving lamp	(04S)	A1d
6214 – Fog driving lights relay	(04S)	B2c
6218 – Fog driving lights warning lamp	(19N)	B2b
6223 – Shunt (without long range driving lights)	(04R)	B2c
6314 – Working spotlight (tractor)	(10M)	A5d
6315 – Working floodlight warning lamp	(19N)	B2b
6316 – Reversing lights relay	(05P)	B2c
6325 – Reverse gear buzzer	(05P)	A9d
7100 – Current limiter	(01T)	A5d
7114 – Electronic tachograph	(003//004//06M)	B2b
7362 – Coolant temperature sensor	(27P)	B3d
7368 – Oil pressure sensor	(27P)	B3d
7411 – Fuel level gauge	(19M)	C2b
7415 – Fuel temperature sensor	(27P)	B3d
7462 – Fuel level transmitter	(19M)	C6d
7519 – Diagnostics socket	(07M)	C3c
7524 – “SAE” socket	(002//07M)	A4c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
7940 – Jake brake solenoid valve N° 1	(27P)	B3d
7941 – Jake brake solenoid valve N° 2	(27P)	B3d
7960 – Self-tracking axle pressure switch	(19N)	C2c
8003 – Hydraulic retarder ECU	(003//004//16N)	A2b
8004 – Electric retarder ECU	(003//004//16P)	A2b
8013 – Trailer ABS safety warning lamp	(19N)	B2b
8032 – Electric retarder relay box	(16P)	B6d
8034 – Electric retarder	(16P)	B5d/B6d
8056 – Brake pedal retarder coupling control	(27N)	B2b
8059 – Electric or hydraulic retardation control	(16M/N/P)	C2d
8060 – “ASR” control	(20M)	B2b
8100 – LH front brake pads wear switch sensor	(19P/R//20N)	C3d
8104 – Front air pressure transmitter	(19R)	C2c
8105 – Rear air pressure transmitter	(19M)	C2c
8108 – RH front brake pads wear switch sensor	(19P/R//20N)	A3d
8109 – LH rear brake pads wear switch sensor	(19R//20N)	C7d
8117 – Brake lining wear warning lamp	(19M)	B2b
8123 – Air pressure alert warning lamp	(19M)	C2b
8137 – Air dryer heater	(02M)	C2d
8138 – Brakes air pressure gauge	(19M)	C2b
8141 – Front air pressure gauge	(19R)	C2a
8150 – Exhaust brake electrovalve	(27R)	C2d
8159 – RH rear brake pads wear switch sensor	(19R//20N)	A3d
8165 – Rear brakes air pressure switch	(19M)	C2d
8166 – Front brakes air pressure switch	(19M)	C2d
8174 – Trailer and parking brakes air pressure switch	(19M)	C2d
8178 – Parking brake indicator air pressure switch	(27M)	C2d
8201 – Centralized lubrication timer	(18M)	C2c
8212 – Centralized lubrication electrovalve	(18M)	B3c
8218 – Air filter clogging warning light	(19M)	B2b
8221 – Centralized lubrication warning lamp	(19M)	B2b
8228 – Declutching fan	(27R)	B1d
8262 – Air filter clogging	(19M)	A4d
8272 – Water level sensor	(27R)	C1d
8275 – Engine oil level sensor	(27P)	B3d
8284 – Servo-steering oil pressure switch	(27N)	C2d
8317 – Inter-axle differential lock warning lamp	(19M)	B2b
8318 – Inter-wheel differential lock warning lamp	(19M)	B2b
8363 – Rear drive axle inter-wheel differential lock switch	(19M)	B8d
8365 – Inter-axle differential lock switch	(19M)	B7d/B8d
8366 – Power take-off switch	(27N)	B5d
8373 – Middle axle inter-wheel differential lock switch	(19M)	B7d
8461 – Vehicle speed sensor	(06M)	B5d
8466 – Neutral switch	(02N)	B5d
8472 – Reverse gear switch	(05P)	B5d

KEY TO APPLIANCES

Appliance	Plate	Localisation
8480 – Hydraulic retarder cooling system temperature sensor	(16N)	B6d
8481 – Air tank electrovalve	(16N)	B6d
8491 – Hydraulic retarder proportional opening solenoid valve	(16N)	B6d
8502 – Suspension ECU	(28M/N/P/R)	A2b
8522 – Suspension information warning lamp	(19M)	B2b
8523 – Suspension alert warning lamp	(19M)	B2b
8524 – Rear suspension electrovalve block	(28M/N/P/R)	B7d/B8d
8525 – Front suspension electrovalve block	(28N/R)	C4d
8526 – Cab tilting motor	(29M)	A5d
8527 – Cab tilting relay	(29M)	B2b
8544 – Self-tracking axle electrovalve	(28S)	C2d
8546 – Self-tracking axle safety relay	(28S)	A2c
8560 – Remote control box	(28M/N/P/R)	C3c
8569 – Lift-up axle load shedding control	(28P/R)	B2b
8571 – Front suspension level sensor	(28N/R)	A3d
8572 – Suspension level RH rear sensor	(28M/N/P/R)	A7d
8573 – Suspension level LH rear sensor	(28M/N/P/R)	C7d
8575 – Cab tilting control	(29M)	A5d
8582 – Rear axle air springs pressure sensor	(28P/R)	B8d
8604 – “ASTRONIC” ECU	(003//23M)	B5d
8644 – Clutch switch	(27M)	C2c
8663 – Gearbox control lever	(003//23M)	B3b
9200 – Boost air pressure and temperature sensor	(27P)	B3d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9210 – “VECU / EECU” ECU power supply relay	(27N)	B2c
9220 – Unit pump N° 1 incorporating solenoid valve	(27P)	B3d
9221 – Unit pump N° 2 incorporating solenoid valve	(27P)	B3d
9222 – Unit pump N° 3 incorporating solenoid valve	(27P)	B3d
9223 – Unit pump N° 4 incorporating solenoid valve	(27P)	B3d
9224 – Unit pump N° 5 incorporating solenoid valve	(27P)	B4d
9225 – Unit pump N° 6 incorporating solenoid valve	(27P)	B4d
9228 – Flywheel speed sensor	(27P)	B4d
9230 – Camshaft speed sensor	(27P)	B3d
9400 – Airbag ECU	(24M)	C3c
9401 – Driver’s seat belt pretensioner	(24M)	C3c
9403 – Airbag rotary switch	(24M)	C2a
9404 – Airbag test and defect “Information” tell-tale lamp	(19M)	B2b
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a
9421 – Road train perimetric protection pre-arrangement	(08P/R//30P)	–
9422 – Trailer perimetric protection module	(08R)	–
9423 – Anti-theft alarm siren	(08P/R)	A3d
9424 – Ultrasound transmitter	(08P)	A3a
9425 – Ultrasound receiver	(08P)	C3a
9426 – Road train monitoring module	(08P/R//30P)	–
9427 – Anti-aggression control	(08P)	C2a
9500 – “EBS” trailer module	(20N)	C2d
9501 – “EBS” ECU	(003//004//20M)	B2b
9510 – Road train braking “Alert” warning lamp	(19M)	C2b
9512 – Rear module (front axle)	(20M)	B8d
9513 – “EBS” rear module (drive axle)	(20N)	B7b
9520 – Brake valve	(20M)	C1c
9530 – “EBS” Front module	(20N)	B2d
9560 – “EBS” rear axle air springs pressure sensor	(20N)	B7d
9570 – LH front roadwheel speed sensor	(20N)	C3d
9571 – RH front roadwheel speed sensor	(20N)	A3d
9572 – LH rear roadwheel speed sensor (rear axle)	(20N)	C7d
9573 – RH rear roadwheel speed sensor (rear axle)	(20N)	A7d
9574 – LH rear roadwheel speed sensor (front axle)	(20M)	C8d
9575 – RH rear roadwheel speed sensor (front axle)	(20M)	A8d
9576 – Parking pressure switch (air supply trip-off)	(20M)	C2d
21105 – “Equipment in working position” alert warning lamp	(19M)	A9d
21119 – Available power supply (chassis)	(30P)	B9d
45142 – 3-level air conditioning pressure controller	(17T)	C1d
48163 – Refrigerant cylinder-holder	(14M)	B3b

WIRE NUMBER / PLATE EQUIVALENCE TABLE

007	27M	064	20N	0011	27M	0039	08P	0403	08P	1	08M	1	29M
014	27P	066	20M	0011	27N	0045	15M	0403	15M	1	08N	1	30L
017	27M	066	20N	0011	30R	0045	15N	0403	30P	1	08P	1	30M
022	27M	067	20M	0011	30S	0045	20M	0405	06M	1	09N	1	30N
028	27M	067	20N	0012	01S	0046	15M	0405	30R	1	10M	1	30R
031	27P	068	20M	0012	06M	0046	15N	0405	30S	1	10N	1	30S
032	27P	068	20N	0012	16N	0046	20M	0435	30S	1	11M	2	01M
033	27P	069	20M	0012	16P	0047	20M	0436	30S	1	14M	2	01N
034	27P	069	20N	0012	19N	0048	20M	0437	30S	1	14N	2	01P
037	20M	070	20M	0012	20M	0049	20M	0438	30S	1	14R	2	01R
037	20N	070	20N	0012	23M	0050	20M	0439	30S	1	14S	2	01T
038	20M	071	20N	0012	27N	0051	24M	0440	30S	1	15M	2	02M
038	20N	072	20M	0012	27R	0052	24M	0441	30S	1	15N	2	02N
039	20M	073	20N	0013	01S	0053	24M	0442	30S	1	16N	2	04M
040	20M	077	27M	0013	06M	0054	24M	0443	30S	1	16P	2	04P
041	07M	078	27P	0013	16N	0056	06M	0444	30S	1	17N	2	04R
041	17S	079	27P	0013	16P	0057	11M	0445	30S	1	17S	2	04S
043	28M	080	27P	0013	19N	0057	19N	1	01M	1	17T	2	05M
043	28N	081	27P	0013	20M	0077	20N	1	01N	1	17V	2	05N
043	28P	085	28S	0013	23M	0078	20N	1	01P	1	17W	2	07M
043	28R	092	27P	0013	27N	0081	20M	1	01R	1	18M	2	09N
044	28M	097	27P	0013	27R	0081	20N	1	01T	1	19M	2	10M
044	28N	0010	01N	0015	19M	0082	20M	1	02M	1	19N	2	10N
044	28P	0010	07M	0016	19M	0082	20N	1	02N	1	19P	2	11M
044	28R	0010	08P	0017	19M	0083	20M	1	04L	1	19R	2	14R
045	27M	0010	14N	0018	19M	0083	20N	1	04M	1	20M	2	15M
045	30N	0010	19N	0019	19M	0084	20M	1	04N	1	23M	2	15N
047	27M	0010	27M	0020	19M	0084	20N	1	04P	1	24M	2	16N
047	30N	0010	27N	0023	27N	0100	30R	1	04R	1	27M	2	16P
052	27P	0010	30R	0024	27P	0101	30R	1	04S	1	27N	2	19N
055	27P	0010	30S	0025	27P	0102	30R	1	04T	1	27R	2	20M
056	20M	0011	01N	0027	16N	0103	30R	1	05M	1	28M	2	23M
057	20N	0011	07M	0028	06M	0123	08P	1	05N	1	28N	2	27N
058	16N	0011	08P	0029	16N	0124	08P	1	05P	1	28P	2	29M
058	16P	0011	14N	0031	16N	0125	08P	1	06M	1	28R	2	30L
064	20M	0011	19N	0032	16N	0126	08P	1	07M	1	28S	2	30M

WIRE NUMBER / PLATE EQUIVALENCE TABLE

3	05N	31	08M	54	16P	65	04S	193	17S	216	11M	274	28R
3	15M	31	08P	55	16P	67	04R	200	14N	217	14M	275	30M
3	15N	32	05M	56	16P	68	04R	201	01M	217	14R	275	30P
4	09N	33	05M	57	16P	69	04S	201	01R	229	06M	277	01R
4	19M	34	05M	59	06M	71	19M	201	01T	229	27N	277	19N
5	16N	34	19N	59	28M	72	19R	201	06M	231	29M	285	01R
5	16P	35	05M	59	28N	76	19M	201	14S	243	01R	285	05P
6	04P	35	19N	59	28P	81	27R	202	01R	243	08N	287	23M
6	15M	36	05M	59	28R	82	27R	202	01T	243	20M	291	27R
6	15N	37	04L	59	30R	83	27M	202	08P	243	23M	293	27P
12	02N	37	05M	59	30S	83	29M	202	14N	243	29M	294	27P
12	27M	38	05M	60	04S	84	19M	202	17N	243	30M	295	27P
22	01M	39	05M	60	19N	84	20M	202	17W	244	16N	296	27P
22	01P	39	15M	62	04R	86	19M	203	06M	244	16P	297	27P
22	01R	39	15N	63	04R	87	19M	204	01R	247	29M	298	27P
22	27M	43	17N	63	04T	88	27N	204	17T	248	05N	299	27R
23	01P	45	10N	64	02M	88	30N	204	17V	260	07M	301	05M
23	16N	45	30L	64	04P	108	01T	204	17W	260	28M	302	04L
23	16P	46	30L	64	05M	108	06M	204	17T	260	28N	302	05M
23	30M	46	30N	64	08N	119	10N	205	01M	260	28P	303	04M
24	01N	46	30R	64	08P	119	19N	205	02N	260	28R	303	04N
24	01P	47	04L	64	09N	123	27M	208	30M	263	01M	304	04M
24	05P	47	04T	64	10N	124	14M	208	30N	263	01T	304	04L
24	09N	47	14M	64	11M	130	10N	208	30P	263	05M	305	04N
24	19R	47	14N	64	14M	141	06M	211	01P	263	08M	305	04L
24	24M	48	08N	64	14N	142	06M	211	02M	263	08P	306	04S
25	01M	48	30R	64	14R	144	30L	211	15M	270	23M	307	04S
25	01T	48	30S	64	17S	155	30L	211	15N	273	01P	307	15M
25	04T	51	16M	64	19N	155	30N	211	16M	273	02M	307	15N
25	17N	51	16N	64	19R	155	30R	212	27N	273	18M	307	19M
25	17V	51	16P	64	20M	169	01M	212	27R	273	28S	311	05M
25	19N	51	27M	64	27N	169	08M	214	01M	274	01P	313	04M
30	05M	52	16N	64	28P	173	27P	214	14R	274	17N	313	04P
30	15M	52	16P	64	28R	174	27P	215	09N	274	28M	313	04T
30	15N	53	16N	64	30M	183	16N	216	01P	274	28N	321	05M
31	05M	53	16P	64	30N	184	16N	216	08P	274	28P	321	08N

WIRE NUMBER / PLATE EQUIVALENCE TABLE

321	28S	454	14R	522	15M	709	27N	851	27M	874	28R	1078	20M
329	18M	455	14R	522	15N	710	27N	851	27R	879	28N	1119	08P
329	19M	456	14R	576	16N	711	17N	851	28M	879	28R	1138	27M
346	04T	462	17T	576	16P	712	17N	851	28N	880	28M	1138	28S
352	15M	463	01R	588	16P	802	02M	851	28P	880	28N	1139	08P
352	15N	463	17S	589	16P	803	02M	851	28R	880	28P	1139	10N
352	19N	463	17T	602	04L	803	19N	854	07M	880	28R	1141	27N
370	04S	468	14S	602	04R	809	19M	854	20M	881	28M	1141	30N
374	08M	469	08N	603	04L	813	28M	854	28M	881	28N	1144	02M
374	08P	470	08N	603	04R	813	28N	854	28N	881	28P	1144	27M
386	09N	473	30L	603	19N	813	28P	854	28P	881	28R	2001	16N
400	17T	476	08P	604	04L	813	28R	854	28R	899	28M	2001	16P
402	08N	476	17N	604	04R	814	28M	858	28P	899	28N	2014	17S
403	08N	476	17V	605	04L	814	28N	858	28R	945	14N	2014	17T
413	17V	476	17W	605	04R	814	28P	860	28P	946	14N	2016	17S
413	17W	484	08M	605	19N	814	28R	860	28R	947	30L	2017	17S
414	17V	485	29M	606	10M	815	28M	861	28P	948	30L	2018	17S
414	17W	489	17T	606	15M	815	28N	861	28R	960	30M	2023	16N
428	09N	491	17N	606	15N	815	28P	864	28P	961	30M	2025	20M
429	09N	495	18M	606	30R	815	28R	864	28R	962	30M	2026	27P
430	09N	496	08N	606	30S	816	28N	867	19M	963	30M	2027	27P
431	09N	497	08N	607	10M	816	28R	867	19P	964	30M	2050	27N
432	09N	498	18M	607	19N	825	06M	867	19R	965	30M	2059	01T
433	14R	500	16P	608	05P	829	27N	868	19P	966	30M	2059	06M
434	14R	501	11M	608	15M	846	20M	868	19R	967	30M	2067	23M
435	14R	502	11M	608	15N	851	06M	869	27P	968	30M	2075	20N
436	08M	503	11M	618	30N	851	07M	870	27P	1018	05P	4000	30L
437	04L	503	27M	621	04R	851	16N	873	19M	1018	27N	4001	17V
437	04T	504	11M	632	04P	851	16P	873	28M	1021	10N	4001	17W
443	14R	506	11M	632	30L	851	17N	873	28N	1021	08P	4002	17N
444	14N	506	27M	632	30P	851	17V	873	28P	1025	27M	4002	17V
447	14N	507	11M	634	15M	851	17W	873	28R	1025	30N	4002	17W
448	14N	508	11M	634	15M	851	19N	874	19M	1026	27N	4004	17N
451	14N	508	27M	651	19M	851	20M	874	28M	1037	20N	4004	17V
452	07M	509	11M	651	30N	851	23M	874	28N	1048	27P	4004	17W
452	14M	510	11M	708	19N	851	24M	874	28P	1064	08P	4005	14R

WIRE NUMBER / PLATE EQUIVALENCE TABLE

4006	14R	4019	17S	4026	17S	4440	10N	5002	19N	8035	19M	8067	27N
4010	14M	4020	17N	4028	17N	4441	10N	5024	16P	8035	24M	8067	30N
4014	08N	4020	17S	4028	17S	4442	08N	5025	16P	8040	19R	8072	19M
4015	08N	4021	17N	4030	17N	4443	08N	5028	05N	8041	19R	8083	30N
4016	17S	4021	17S	4030	17S	4444	14N	5028	27M	8043	27R	8084	19M
4016	17T	4022	17S	4050	17N	4445	14N	5107	06M	8044	27R	8084	30N
4017	17S	4023	17S	4050	17S	4446	14N	5108	06M	8045	27R	8090	02M
4017	17T	4024	17S	4052	17T	5001	20M	8020	27N	8046	27R	8090	27M
4019	17N	4025	17S	4052	27R	5002	01N	8025	27R	8062	01M	8092	02M

CONTENTS OF DIAGRAM**PLATE 002***“BUS J1587” COMMUNICATION NETWORK***PLATE 003***“BUS J1939” COMMUNICATION NETWORK WITH ASTRONIC***PLATE 004***“CAN J1939” COMMUNICATION NETWORK WITHOUT ASTRONIC***PLATE 1***POWER SUPPLY / STARTING**ELECTRONIC THEFT PROTECTION SYSTEM**POWER SUPPLY AND CONTROLS**BUS / CAN J1939 INTERCONNECTION BOX**ADR EQUIPMENT***PLATE 2***PREHEATING**STARTING***PLATE 4***SIGNALLING***PLATE 5***SIGNALLING**STOP LIGHTS**REVERSING LIGHTS***PLATE 6***TACHOGRAPH***PLATE 7***DIAGNOSTICS SOCKETS***PLATE 8***DOORS LOCKING**DOORS AND ROOF**ALARM*

CONTENTS OF DIAGRAM**PLATE 9***ELECTRIC DEFROSTING REARVIEW MIRROR***PLATE 10***LOADING FLOODLIGHT**CAB INTERIOR LIGHTING***PLATE 11***WINDSCREEN WIPER / SCREEN WASH / HEADLAMP WASH***PLATE 14***HEATED SEAT / CIGAR LIGHTER / 12V SOCKET**RADIO SET**SUN VISOR**REFRIGERATOR***PLATE 15***TRAILER SOCKETS***PLATE 16***RETARDER***PLATE 17***INDEPENDENT HEATING**AIR CONDITIONING***PLATE 18***CENTRALIZED LUBRICATION***PLATE 19***PRINCIPAL DISPLAY**BRAKE PAD WEAR***PLATE 20***EBS EQUIPMENT***PLATE 23***"ASTRONIC" GEARBOX*

CONTENTS OF DIAGRAM

PLATE 24
AIRBAG

PLATE 27
VEHICLE MASTER ECU
ENGINE MASTER ECU

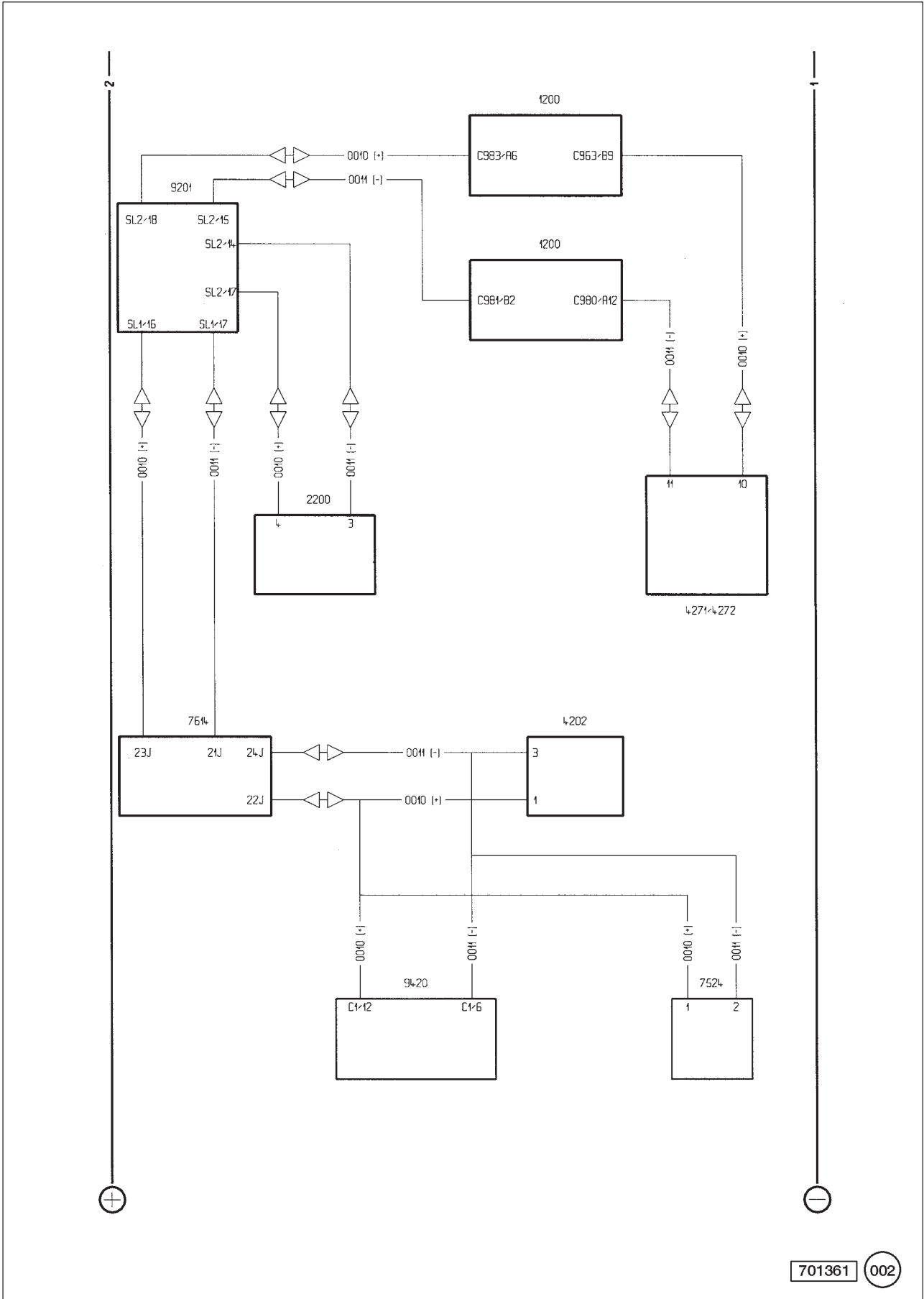
PLATE 28
VEHICLE SUSPENSION
SELF-TRACKING AXLE

PLATE 29
CAB TILT MECHANISM

PLATE 30
AVAILABLE POWER SUPPLIES
ONBOARD MANAGEMENT (TMC2001)
ONBOARD MANAGEMENT (EUTELTRACS)

“BUS J1587” COMMUNICATION NETWORK

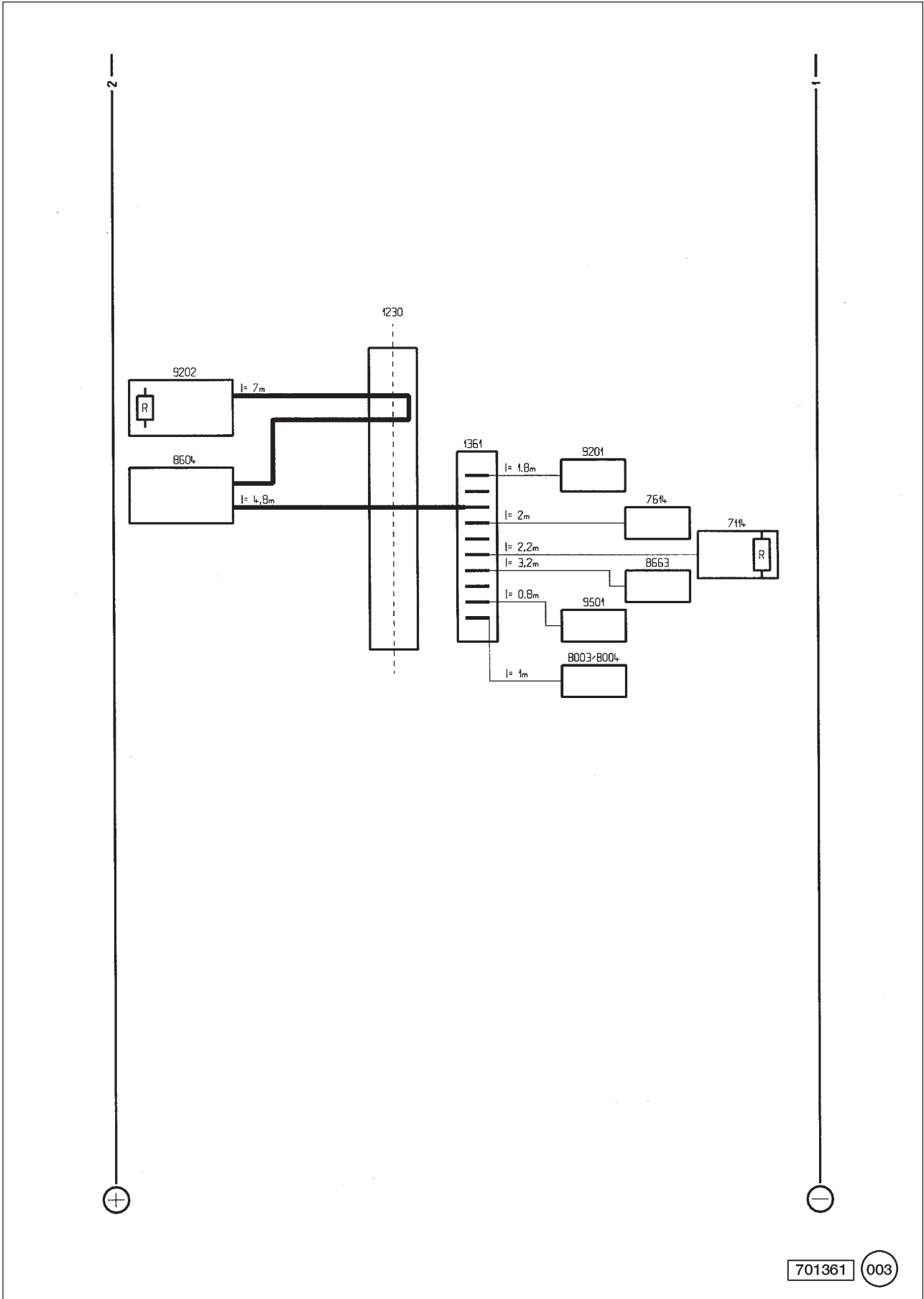
Appliance	Plate	Localisation
1200 – Fuses and relays connection unit “BFR”	(002//30M)	B2c
2200 – Anti-theft electronic box	(002//01N//08R)	C2b
4202 – Radio	(002//14N)	C2a
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
7524 – “SAE” socket	(002//07M)	A4c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a



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“BUS J1939” COMMUNICATION NETWORK WITH ASTRONIC

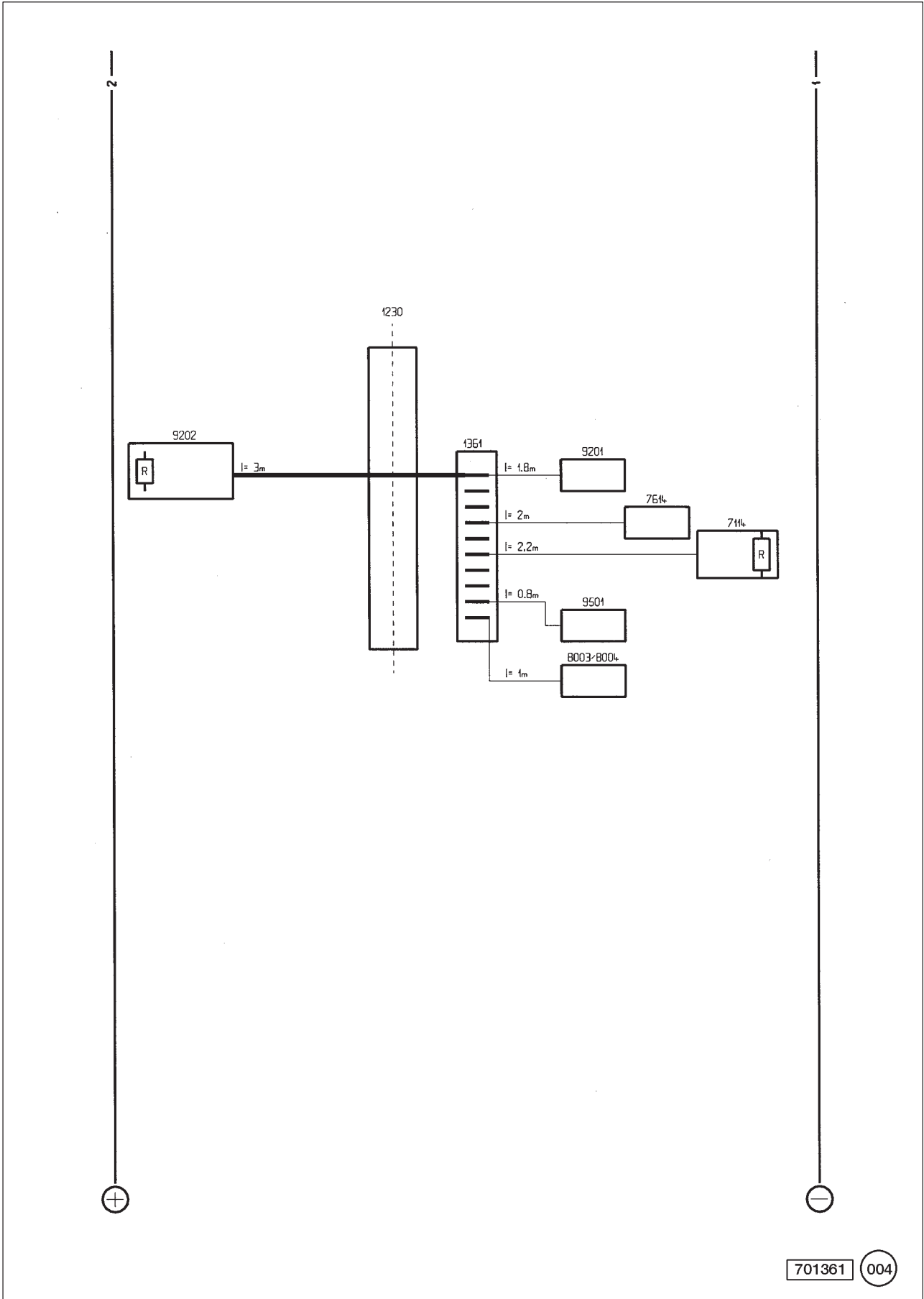
Appliance	Plate	Localisation
1230 – Bulkhead grommet	(003//004)	B2c
1361 – Connecting strip	(003//004//01S)	B2c
7114 – Electronic tachograph	(003//004//06M)	B2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8003 – Hydraulic retarder ECU	(003//004//16N)	A2b
8004 – Electric retarder ECU	(003//004//16P)	A2b
8604 – “ASTRONIC” ECU	(003//23M)	B5d
8663 – Gearbox control lever	(003//23M)	B3b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9501 – “EBS” ECU	(003//004//20M)	B2b



701361 003

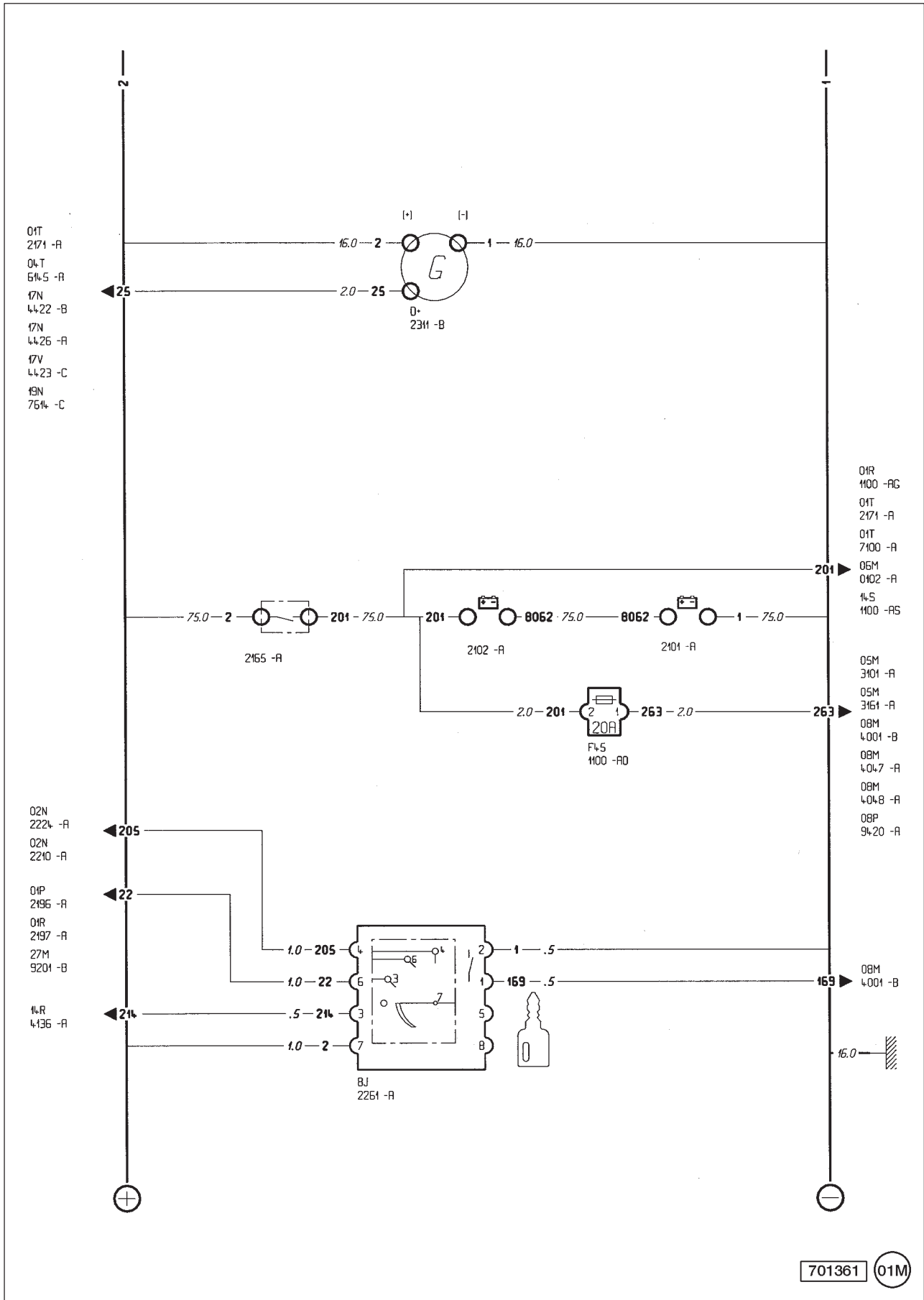
“CAN J1939” COMMUNICATION NETWORK WITHOUT ASTRONIC

Appliance	Plate	Localisation
1230 – Bulkhead grommet	(003//004)	B2c
1361 – Connecting strip	(003//004//01S)	B2c
7114 – Electronic tachograph	(003//004//06M)	B2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8003 – Hydraulic retarder ECU	(003//004//16N)	A2b
8004 – Electric retarder ECU	(003//004//16P)	A2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9501 – “EBS” ECU	(003//004//20M)	B2b



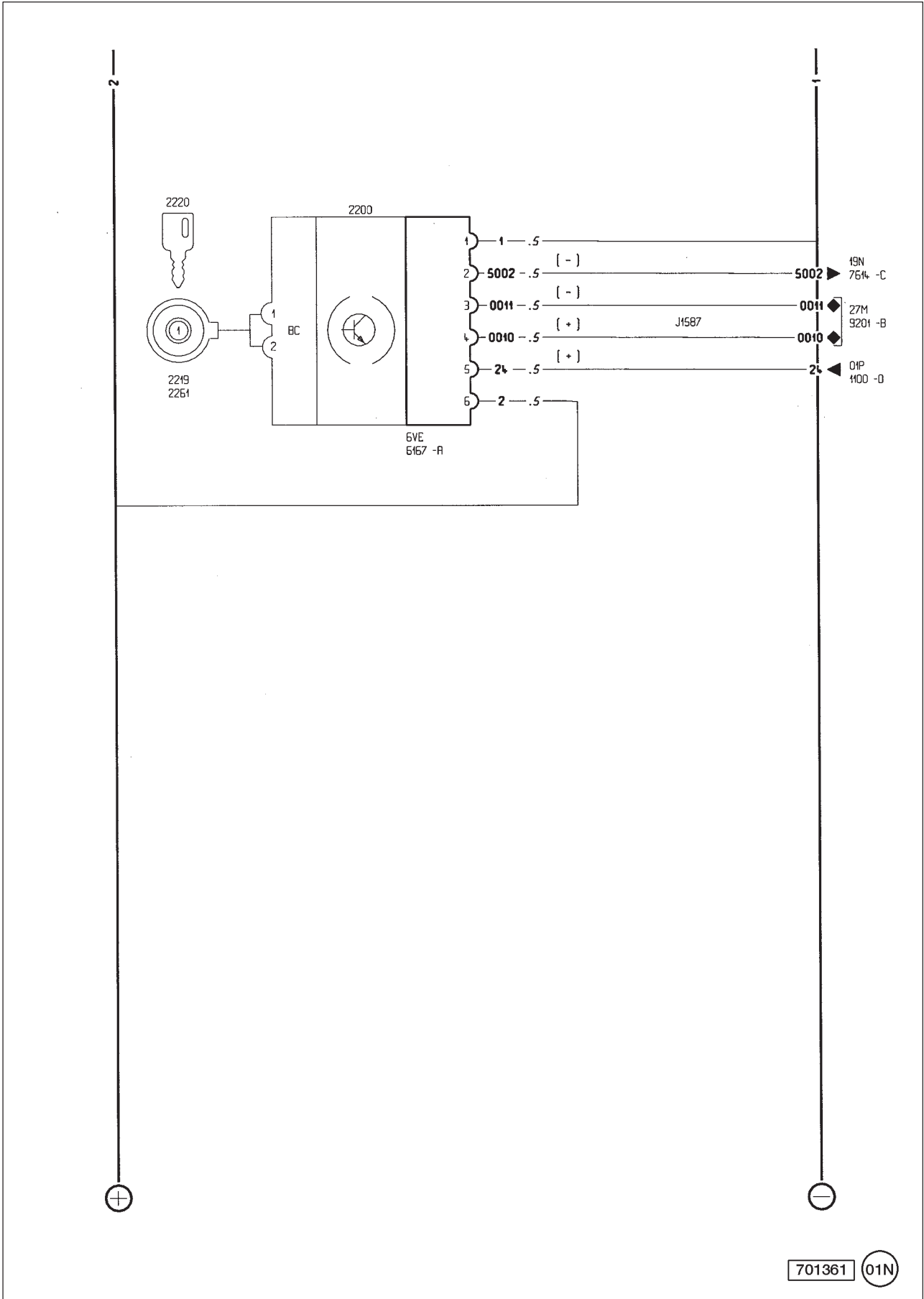
POWER SUPPLY / STARTING

Appliance	Plate	Localisation
0102 – Electrical connection terminal	(06M)	A5d
1100 – Fuse	–	–
2101 – Battery N° 1	(01M)	A5d
2102 – Battery N° 2	(01M)	A5d
2165 – Master switch	(01M)	A5d
2171 – ADR master switch	(01T)	A5d
2196 – After ignition power supply relay N° 1	(01P)	B2c
2197 – After ignition power supply relay N° 2	(01R)	B2c
2210 – Starter with integrated relay	(02N)	B4d
2224 – Shunt (engine starting, cab tilted)	(02N)	C4d
2261 – Steering lock and starting control	(01M/N//08R)	C2b
2311 – Alternator	(01M)	B3d
3101 – Flasher unit	(05M//08R)	B2c
3161 – Hazard lights control	(05M//08R)	C2c
4001 – Doors central locking box	(08M)	C2a
4047 – Passenger's side electric door striker	(08M)	A3c
4048 – Driver's side electric door striker	(08M)	C3c
4136 – Comfort accessories relay	(14R)	B2c
4422 – Independent heater "Thermo 90S"	(17N)	A4c
4423 – Independent heater "D1LCC/D3LCC"	(17V/W)	C4d
4426 – Main coolant circuit solenoid valve	(17N)	C4d
6145 – Daytime lights shunt	(04T)	C2b
7100 – Current limiter	(01T)	A5d
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a



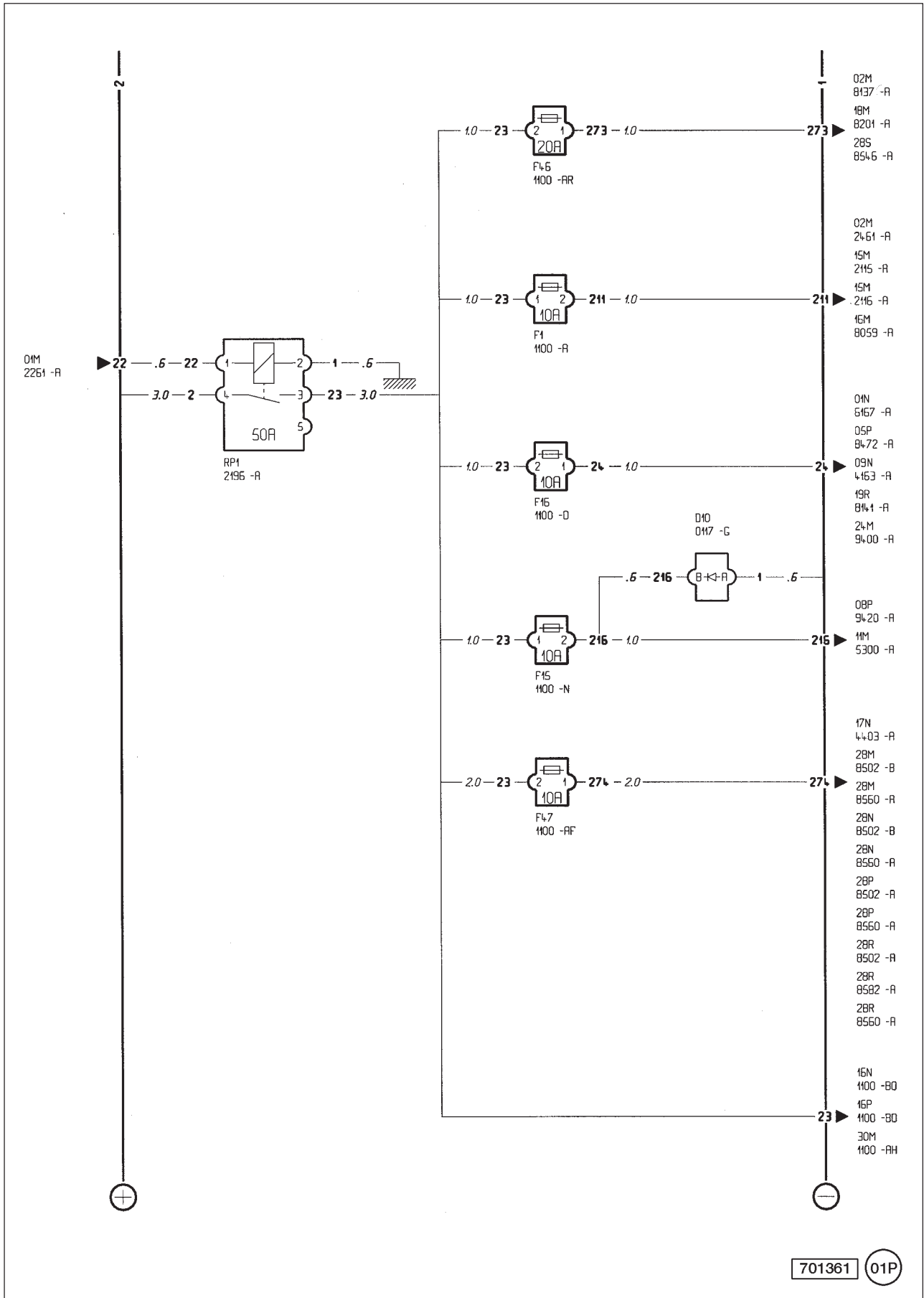
ELECTRONIC THEFT PROTECTION SYSTEM

Appliance	Plate	Localisation
1100 – Fuse	–	–
2200 – Anti-theft electronic box	(002//01N//08R)	C2b
2219 – Transponder antenna	(01N)	C2b
2220 – Transponder ignition key	(01N)	C2b
2261 – Steering lock and starting control	(01M/N//08R)	C2b
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



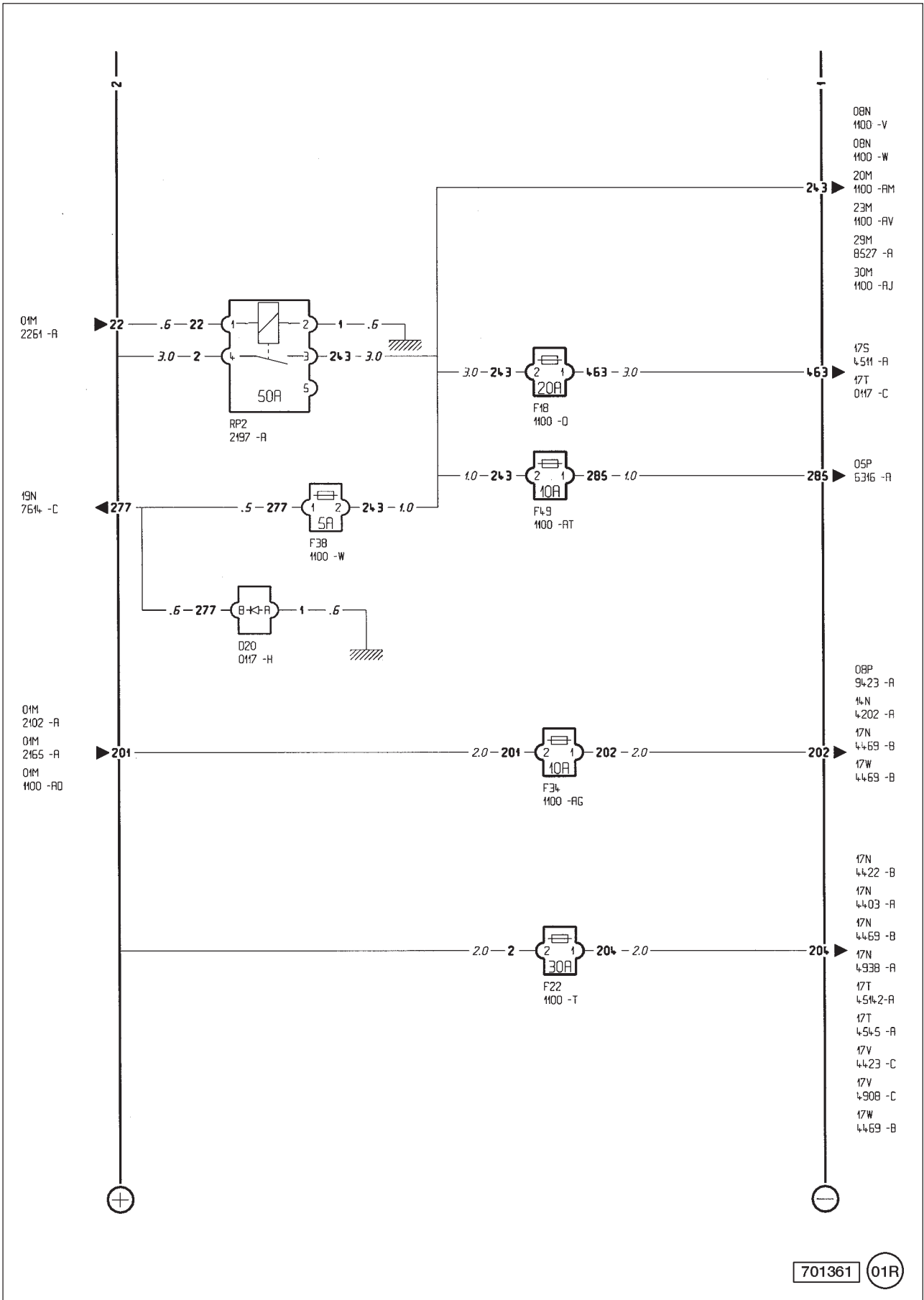
POWER SUPPLY AND CONTROLS

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
2115 – Trailer socket, 7–pin type 24 S	(08R//15M)	B5d/B9d
2116 – Trailer socket, 7–pin type“EBS”	(15M/N)	B5d/B9d
2196 – After ignition power supply relay N° 1	(01P)	B2c
2261 – Steering lock and starting control	(01M/N//08R)	C2b
2461 – Engine preheating control	(02M)	C2c
4163 – Defrosting rearview mirror control	(09N)	C3b
4403 – Ventilation control box	(17N)	A4c
5300 – Windscreen wiper relay	(11M)	B2c
6167 – Steering column fingertip controls		
– anti–theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
8059 – Electric or hydraulic retardation control	(16M/N/P)	C2d
8137 – Air dryer heater	(02M)	C2d
8141 – Front air pressure gauge	(19R)	C2a
8201 – Centralized lubrication timer	(18M)	C2c
8472 – Reverse gear switch	(05P)	B5d
8502 – Suspension ECU	(28M/N/P/R)	A2b
8546 – Self–tracking axle safety relay	(28S)	A2c
8560 – Remote control box	(28M/N/P/R)	C3c
8582 – Rear axle air springs pressure sensor	(28P/R)	B8d
9400 – Airbag ECU	(24M)	C3c
9420 – Anti–theft alarm ECU	(002//08P/R)	C2a



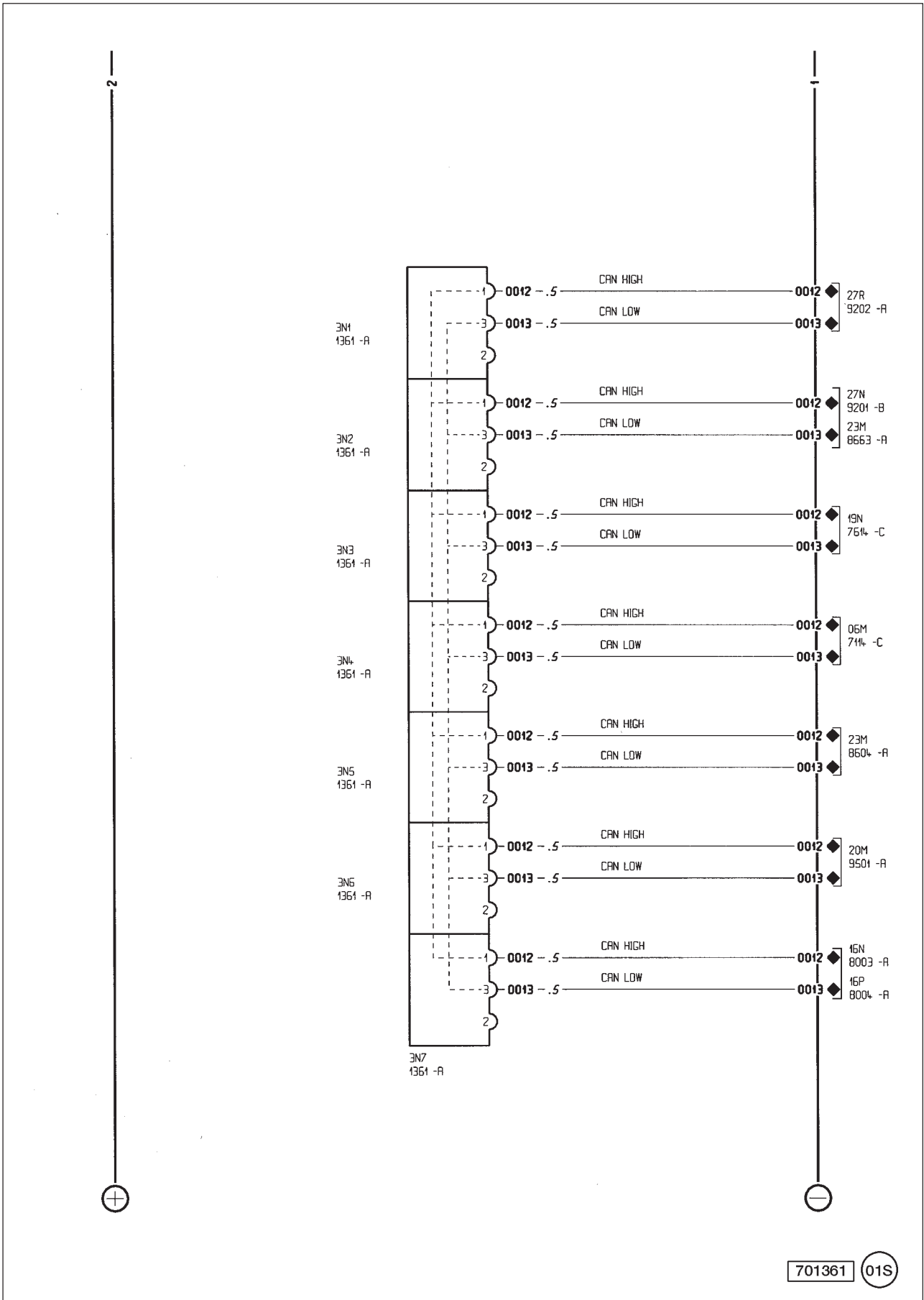
POWER SUPPLY AND CONTROLS

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
2102 – Battery N° 2	(01M)	A5d
2165 – Master switch	(01M)	A5d
2197 – After ignition power supply relay N° 2	(01R)	B2c
2261 – Steering lock and starting control	(01M/N//08R)	C2b
4202 – Radio	(002//14N)	C2a
4403 – Ventilation control box	(17N)	A4c
4422 – Independent heater “Thermo 90S”	(17N)	A4c
4423 – Independent heater “D1LCC/D3LCC”	(17V/W)	C4d
4469 – Independent heater timer control	(17N/W)	B2b
4511 – Air conditioning	(17S)	A4d/A3d
4545 – Conditioned air relay	(17T)	B2c
4908 – Independent heater start-up control	(17V)	B2b
4938 – Cooling circuit main solenoid valve control	(17N)	B3c
6316 – Reversing lights relay	(05P)	B2c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8527 – Cab tilting relay	(29M)	B2b
9423 – Anti-theft alarm siren	(08P/R)	A3d
45142 – 3-level air conditioning pressure controller	(17T)	C1d



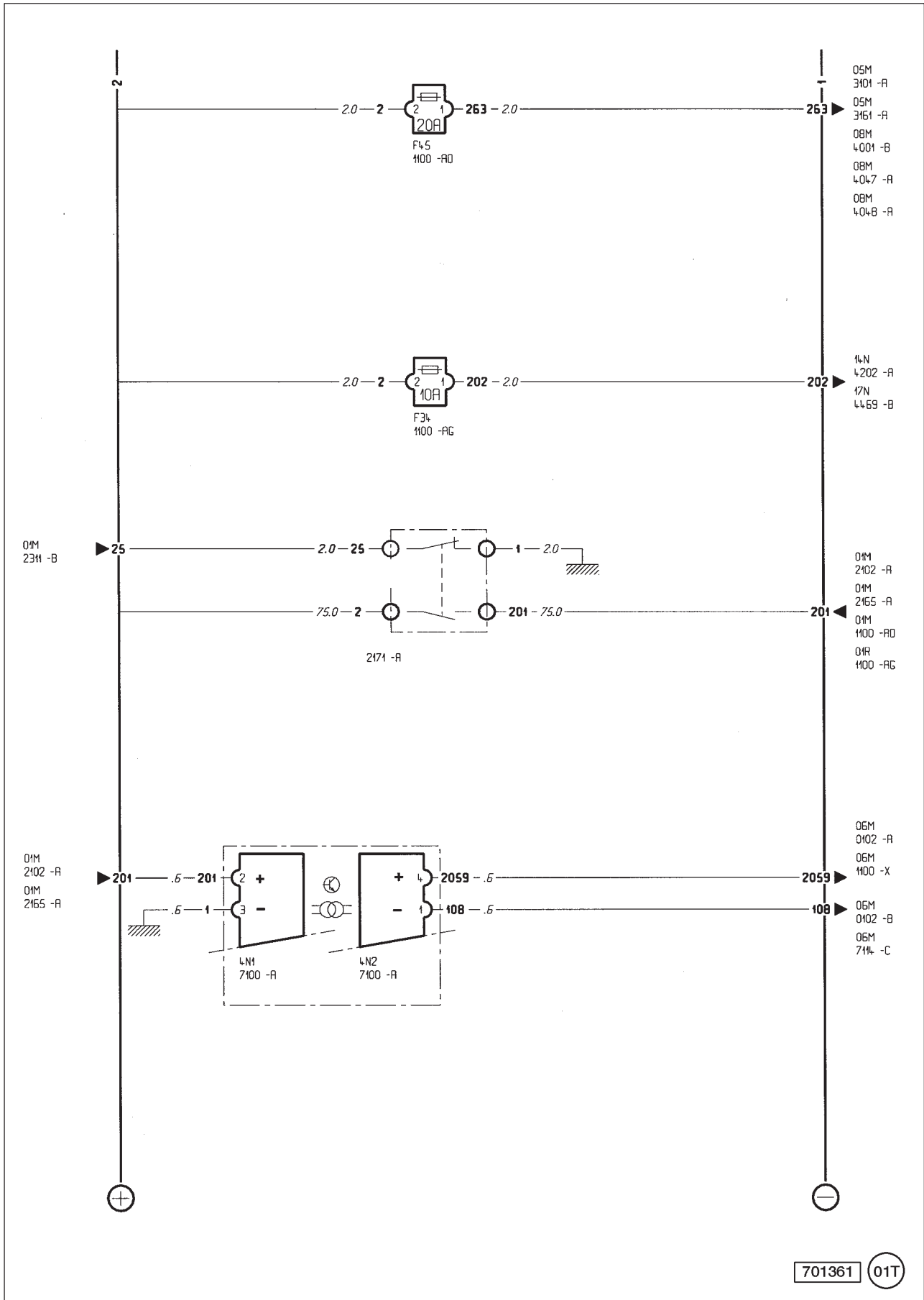
BUS / CAN J1939 INTERCONNECTION BOX

Appliance	Plate	Localisation
1361 – Connecting strip	(003//004//01S)	B2c
7114 – Electronic tachograph	(003//004//06M)	B2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8003 – Hydraulic retarder ECU	(003//004//16N)	A2b
8004 – Electric retarder ECU	(003//004//16P)	A2b
8604 – “ASTRONIC” ECU	(003//23M)	B5d
8663 – Gearbox control lever	(003//23M)	B3b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9501 – “EBS” ECU	(003//004//20M)	B2b



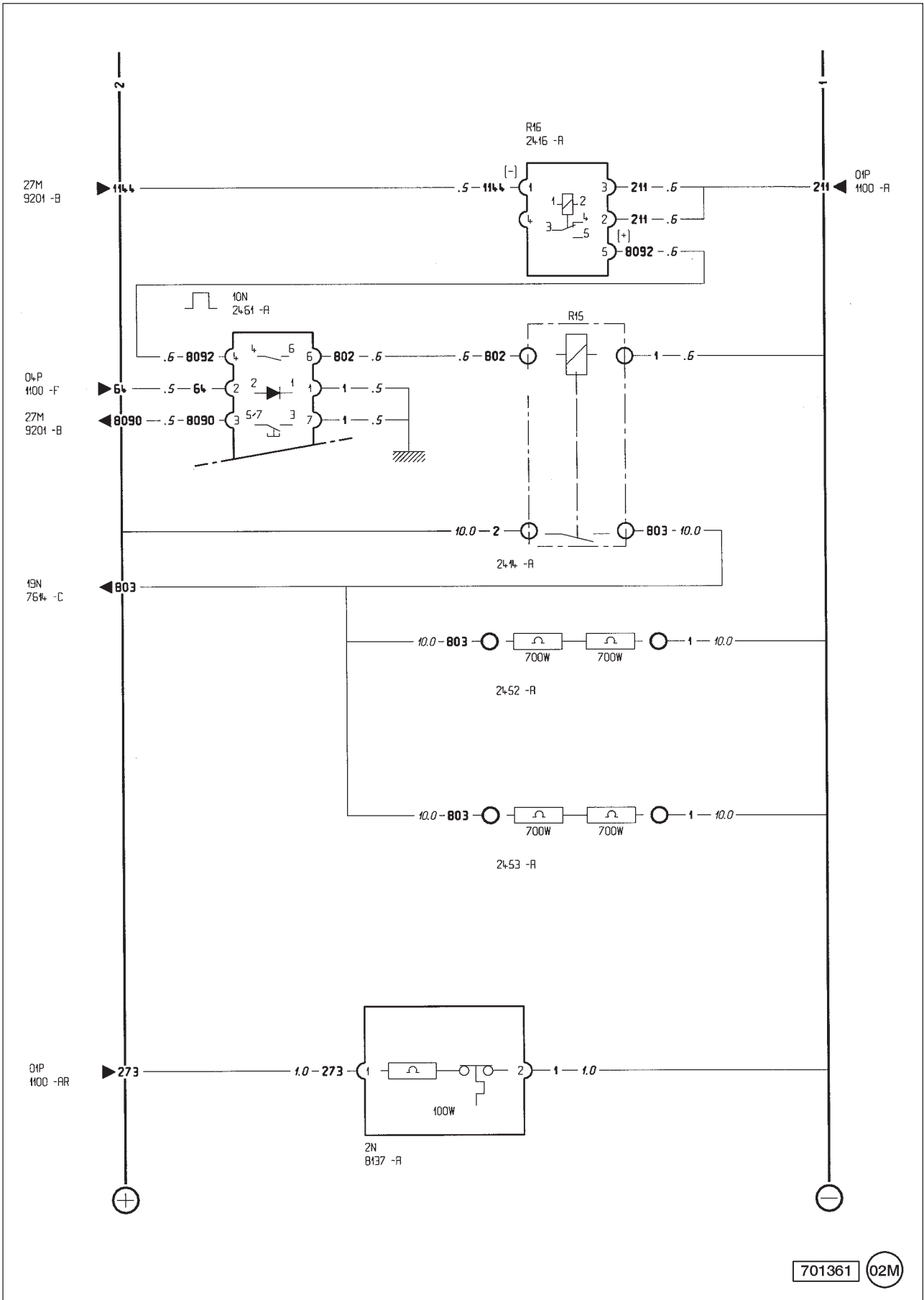
ADR (HAZARDOUS SUBSTANCES) EQUIPMENT

Appliance	Plate	Localisation
0102 – Electrical connection terminal	(06M)	A5d
1100 – Fuse	–	–
2102 – Battery N° 2	(01M)	A5d
2165 – Master switch	(01M)	A5d
2171 – ADR master switch	(01T)	A5d
2311 – Alternator	(01M)	B3d
3101 – Flasher unit	(05M//08R)	B2c
3161 – Hazard lights control	(05M//08R)	C2c
4001 – Doors central locking box	(08M)	C2a
4047 – Passenger's side electric door striker	(08M)	A3c
4048 – Driver's side electric door striker	(08M)	C3c
4202 – Radio	(002//14N)	C2a
4469 – Independent heater timer control	(17N/W)	B2b
7100 – Current limiter	(01T)	A5d
7114 – Electronic tachograph	(003//004//06M)	B2b



PREHEATING

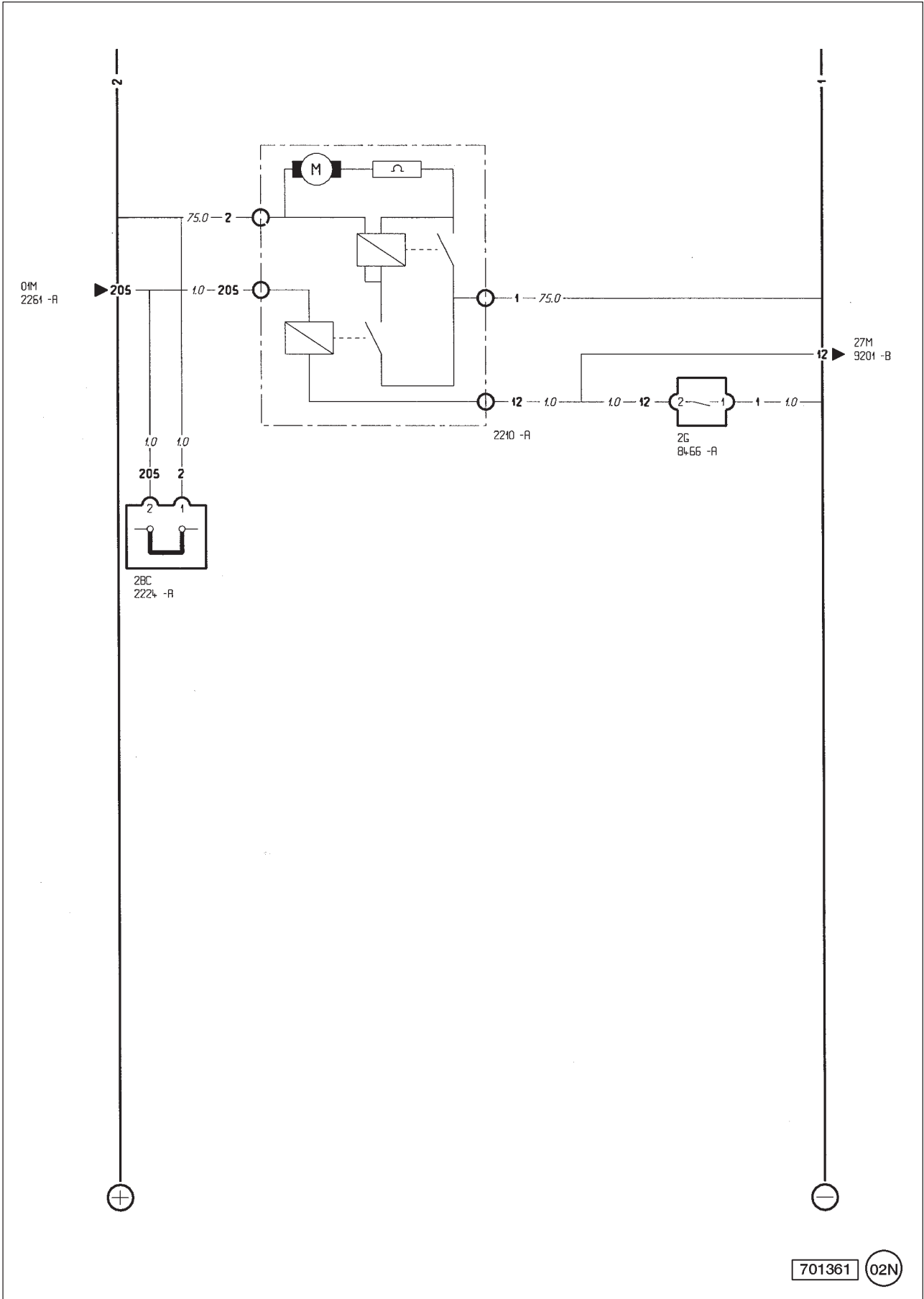
Appliance	Plate	Localisation
1100 – Fuse	–	–
2414 – Preheating relay	(02M)	B3d
2416 – Preheating relay N°2	(02M)	B3d
2452 – Preheating resistor N° 1	(02M)	B3d
2453 – Preheating resistor N° 2	(02M)	B3d
2461 – Engine preheating control	(02M)	C2c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8137 – Air dryer heater	(02M)	C2d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 02M

STARTING

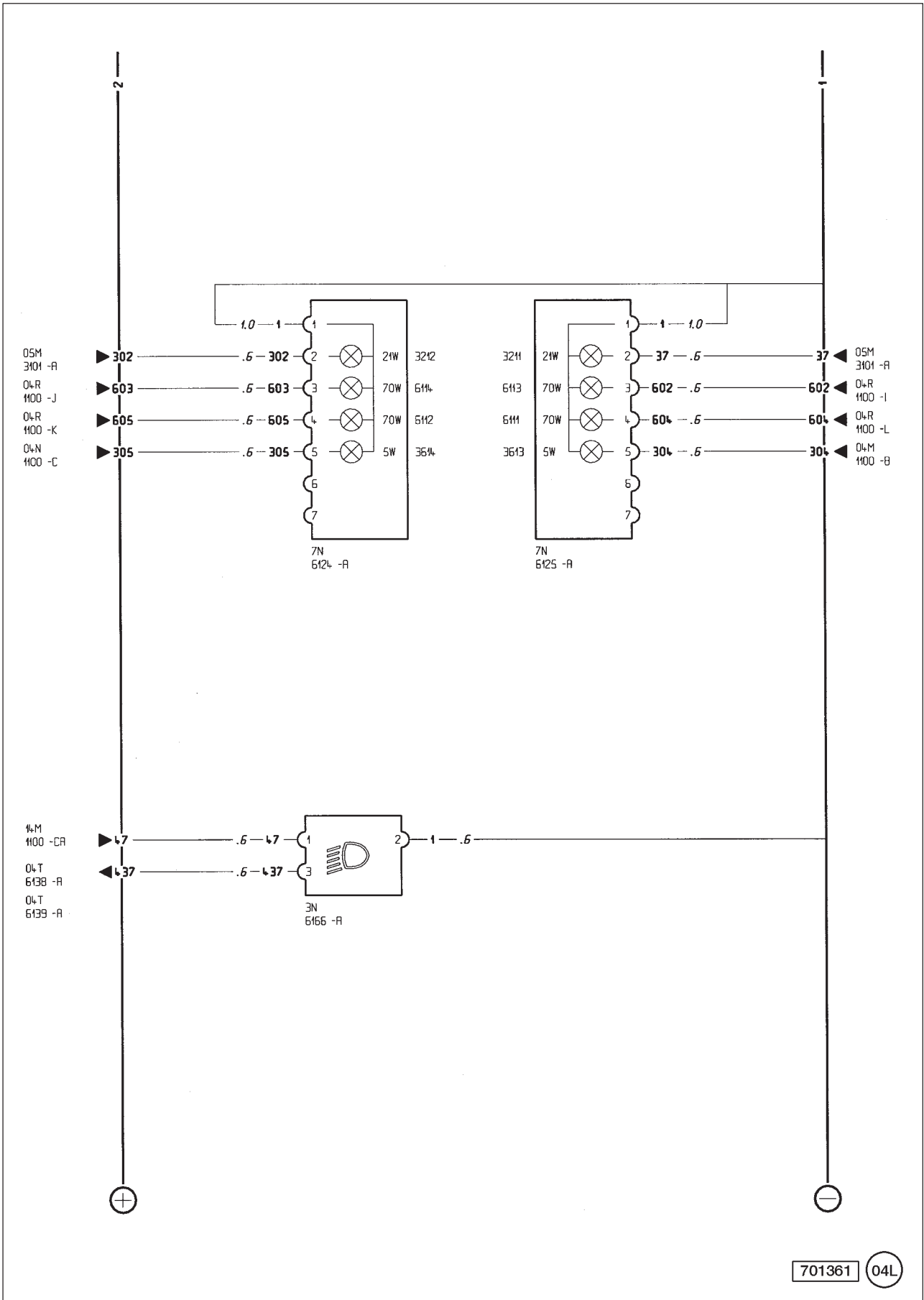
Appliance	Plate	Localisation
1335 – Bodybuilder available power supplies connector	(30N)	C5d
2210 – Starter with integrated relay	(02N)	B4d
2224 – Shunt (engine starting, cab tilted)	(02N)	C4d
2261 – Steering lock and starting control	(01M/N//08R)	C2b
8466 – Neutral switch	(02N)	B5d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 (02N)

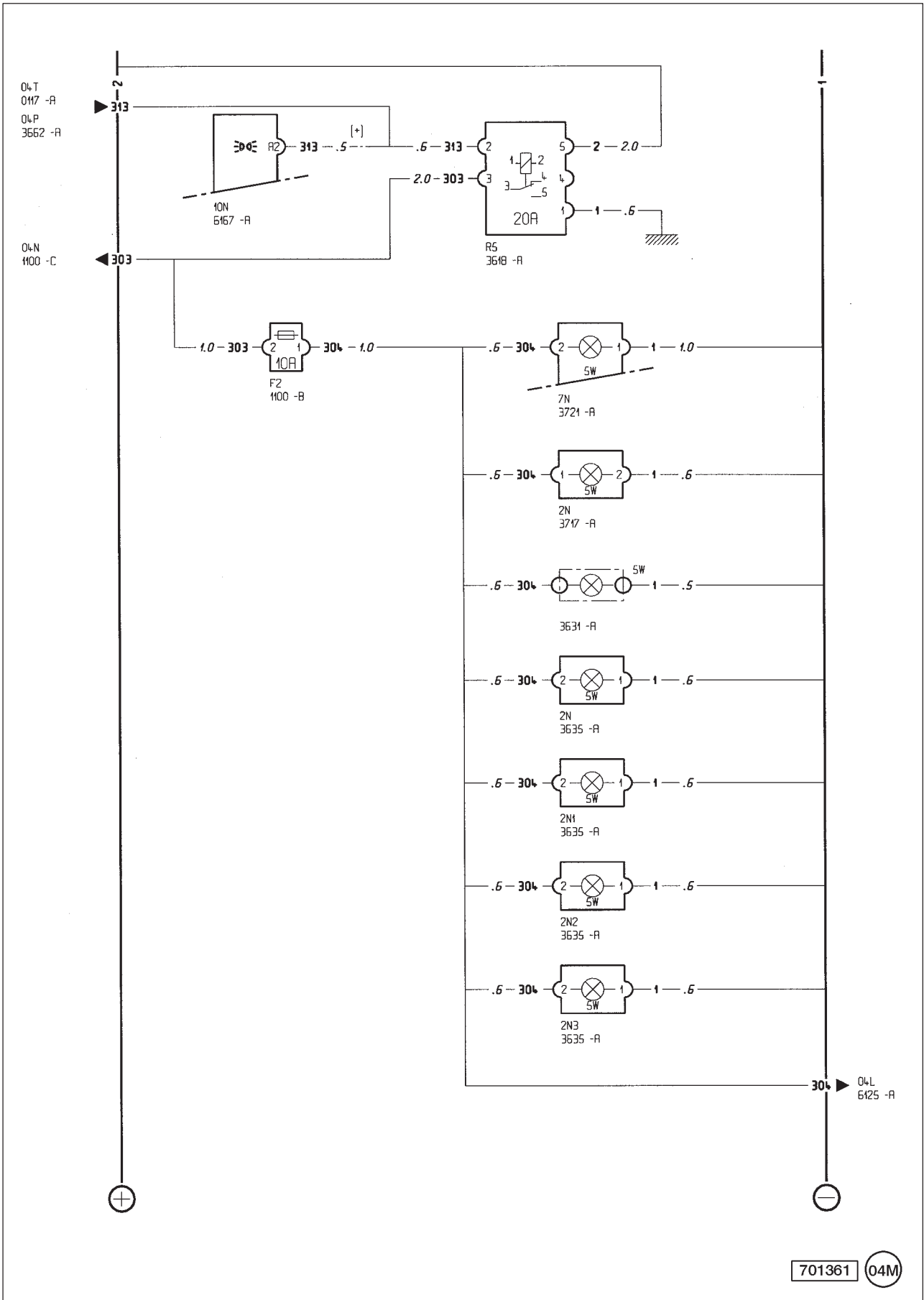
SIGNALLING

Appliance	Plate	Localisation
1100 – Fuse	–	–
3101 – Flasher unit	(05M//08R)	B2c
3211 – RH front flashing lamp	(04L)	A1d
3212 – LH front flashing lamp	(04L)	C1d
3613 – RH front side/parking lamp	(04L)	A1d
3614 – LH front side/parking lamp	(04L)	C1d
6111 – RH dipped beam headlamp	(04L)	A1d
6112 – LH dipped beam headlamp	(04L)	C1d
6113 – RH main beam headlamp	(04L)	A1d
6114 – LH main beam headlamp	(04L)	C1d
6124 – Headlight, dipped headlight and left side lamp	(04L)	C1d
6125 – Headlight, dipped headlight and right side lamp	(04L)	A1d
6138 – LH headlamp adjustment motor	(04T)	C1d
6139 – RH headlamp adjustment motor	(04T)	A1d
6166 – Headlights adjustment control	(04L/T)	B3c



SIGNALLING

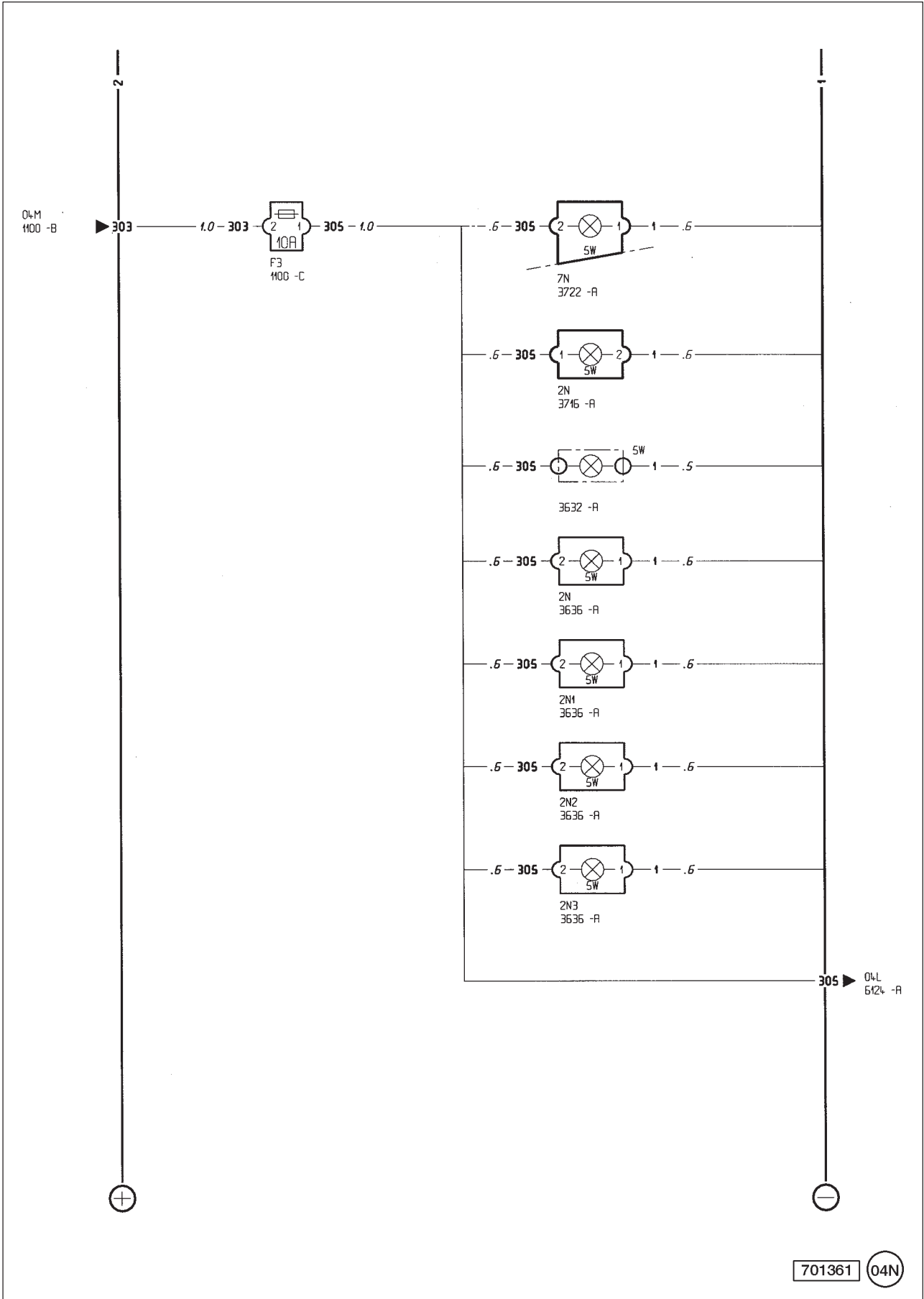
Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
3618 – Side/parking lights relay	(04M)	B2c
3631 – RH side marker light	(04M)	A2a
3635 – RH marker lights (bodybuilder equipment)	(04M)	B2c
3662 – Lighting relay	(04P)	B2c
3717 – RH central marker lamp	(04M)	A5d
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
6125 – Headlight, dipped headlight and right side lamp	(04L)	A1d
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b



701361 (04M)

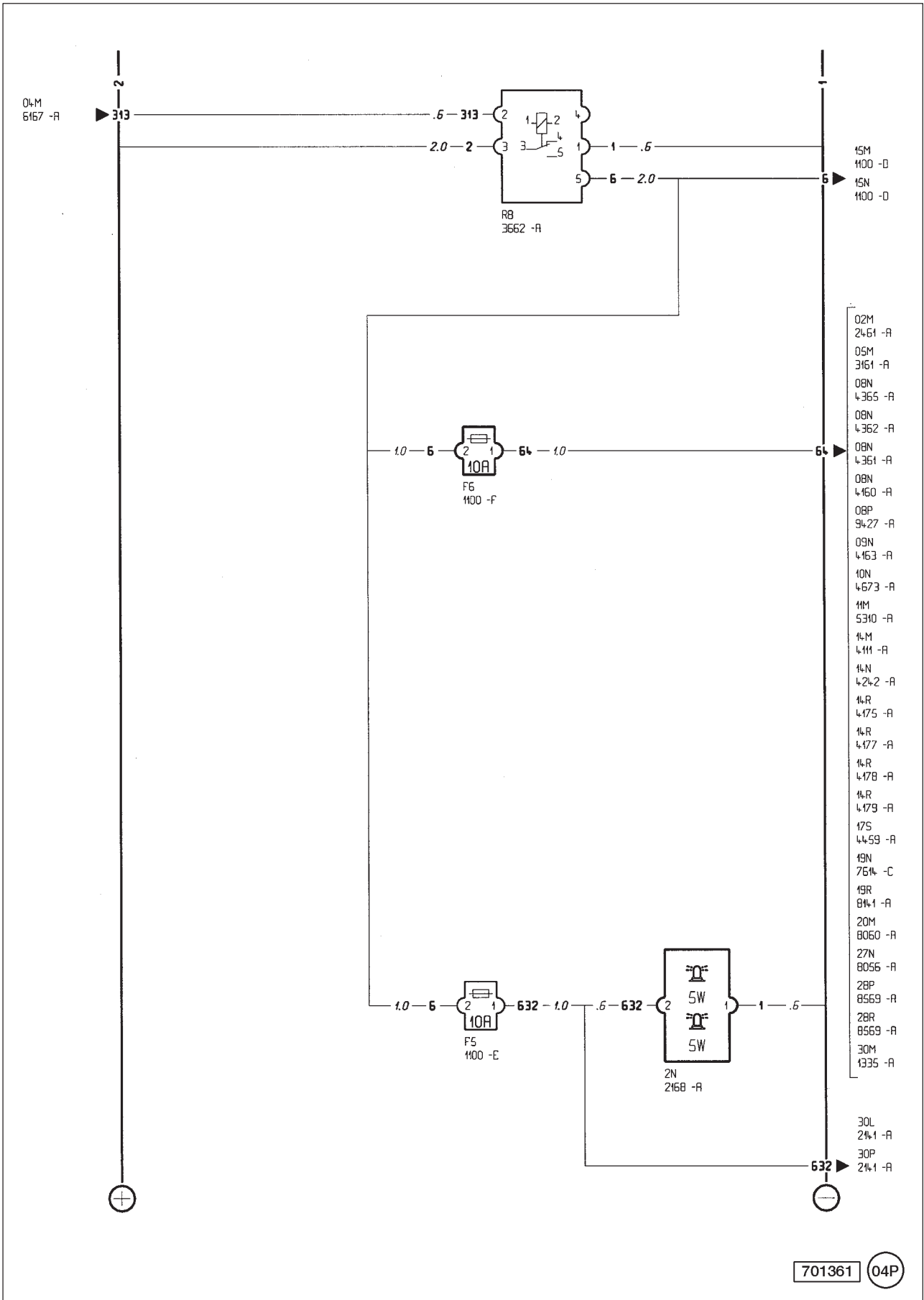
SIGNALLING

Appliance	Plate	Localisation
1100 – Fuse	–	–
3632 – LH side marker light	(04N)	C2a
3636 – LH marker lights (bodybuilder equipment)	(04N)	B2c
3716 – LH central marker lamp	(04N)	C5d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
6124 – Headlight, dipped headlight and left side lamp	(04L)	C1d



SIGNALLING

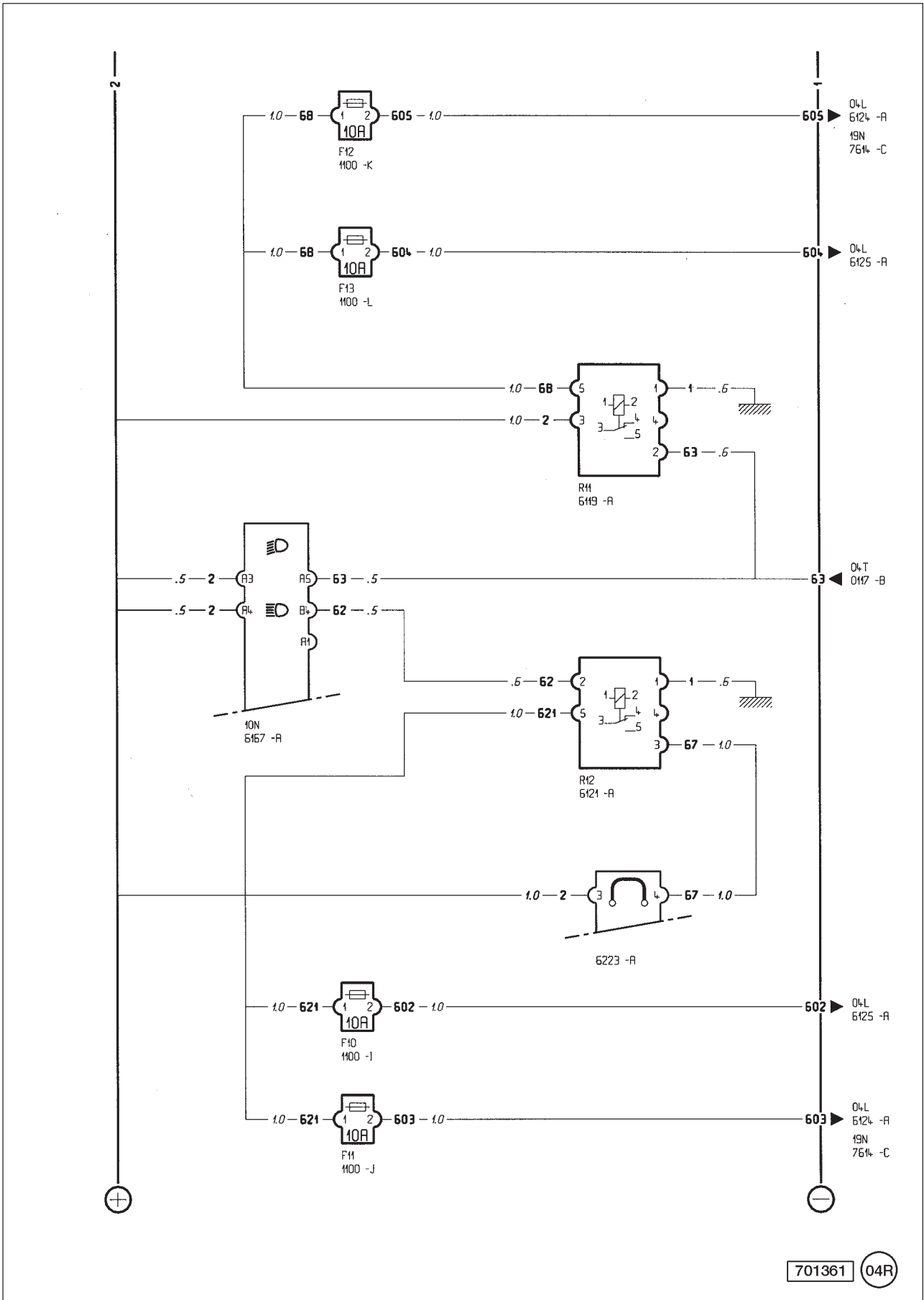
Appliance	Plate	Localisation
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
2141 – Available power supply (lighting)	(30L/P)	A2a/B9d/B2c
2168 – Available power supply (roof light bank)	(04P)	A5d
2461 – Engine preheating control	(02M)	C2c
3161 – Hazard lights control	(05M//08R)	C2c
3662 – Lighting relay	(04P)	B2c
4111 – Cigar lighter	(14M)	B3c
4160 – Electric roof ventilator control	(08N)	C2a
4163 – Defrosting rearview mirror control	(09N)	C3b
4175 – Front sun blind control	(14R)	B2b
4177 – Passenger's sun visor control (passenger's side)	(14R)	A3b
4178 – Driver's sun visor control (driver's side)	(14R)	C3b
4179 – Driver's sun visor control	(14R)	C3b
4242 – Radio power supply control	(14N)	C2a
4361 – Driver's window winder control	(08N)	C3b
4362 – Passenger's window winder control	(08N)	A3b
4365 – Passenger's window winder control (driver's side)	(08N)	C3b
4459 – Electrical feeder plate to fan	(17S)	B2b
4673 – Driver and passenger overhead lights control	(10N)	C2a
5310 – Headlamps wash time–delay relay	(11M)	B2c
6167 – Steering column fingertip controls		
– anti–theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8056 – Brake pedal retarder coupling control	(27N)	B2b
8060 – "ASR" control	(20M)	B2b
8141 – Front air pressure gauge	(19R)	C2a
8569 – Lift–up axle load shedding control	(28P/R)	B2b
9427 – Anti–aggression control	(08P)	C2a



701361 (04P)

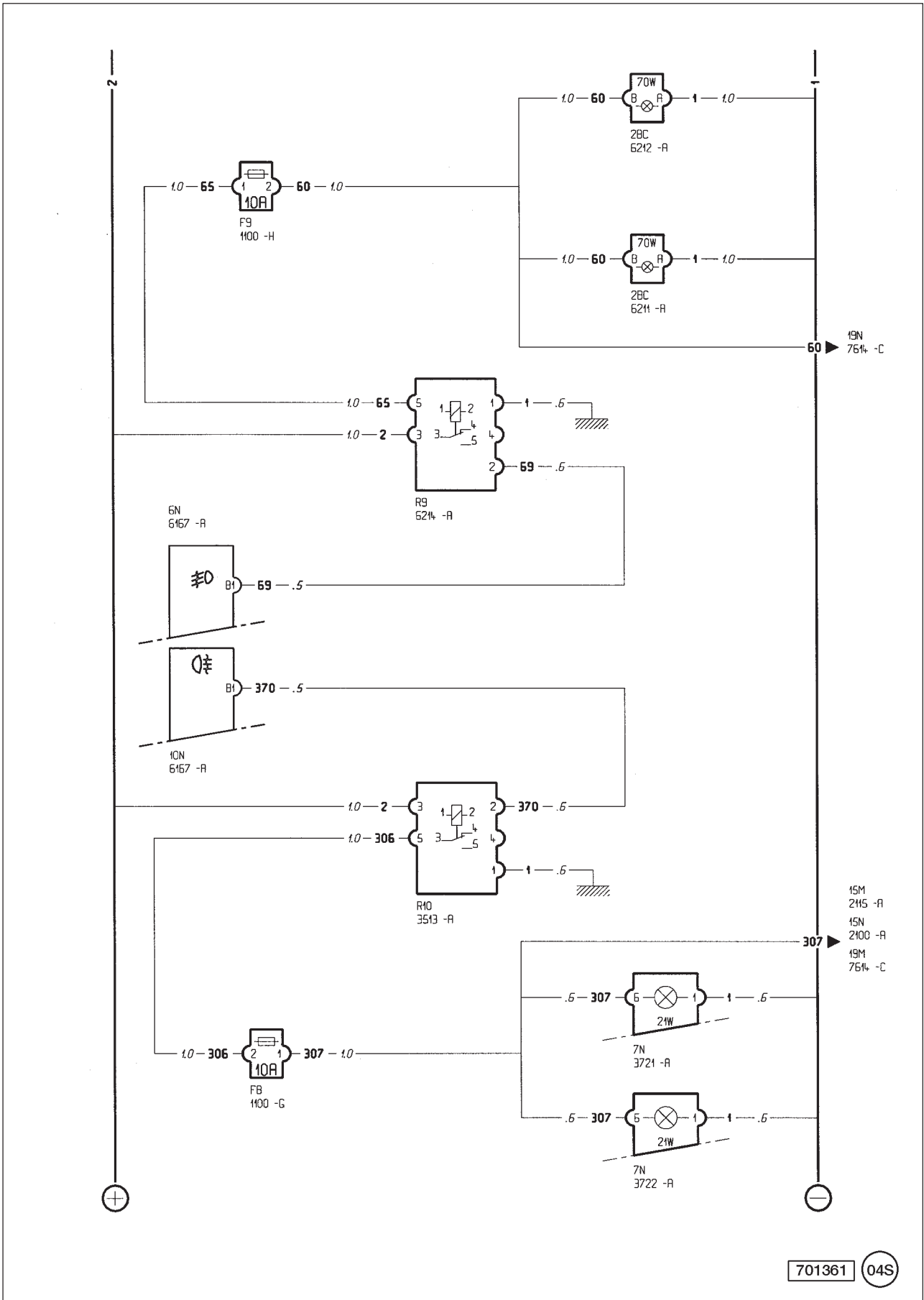
SIGNALLING

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
6119 – Dipped beam headlights relay	(04R)	B2c
6121 – Main beam headlights relay	(04R)	B2c
6124 – Headlight, dipped headlight and left side lamp	(04L)	C1d
6125 – Headlight, dipped headlight and right side lamp	(04L)	A1d
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
6223 – Shunt (without long range driving lights)	(04R)	B2c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b



SIGNALLING

Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15-pin	(15N)	B5d/B9d
2115 – Trailer socket, 7-pin type 24 S	(08R//15M)	B5d/B9d
3513 – Fog light(s) relay	(04S)	B2c
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
6211 – LH fog driving lamp	(04S)	C1d
6212 – RH fog driving lamp	(04S)	A1d
6214 – Fog driving lights relay	(04S)	B2c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b



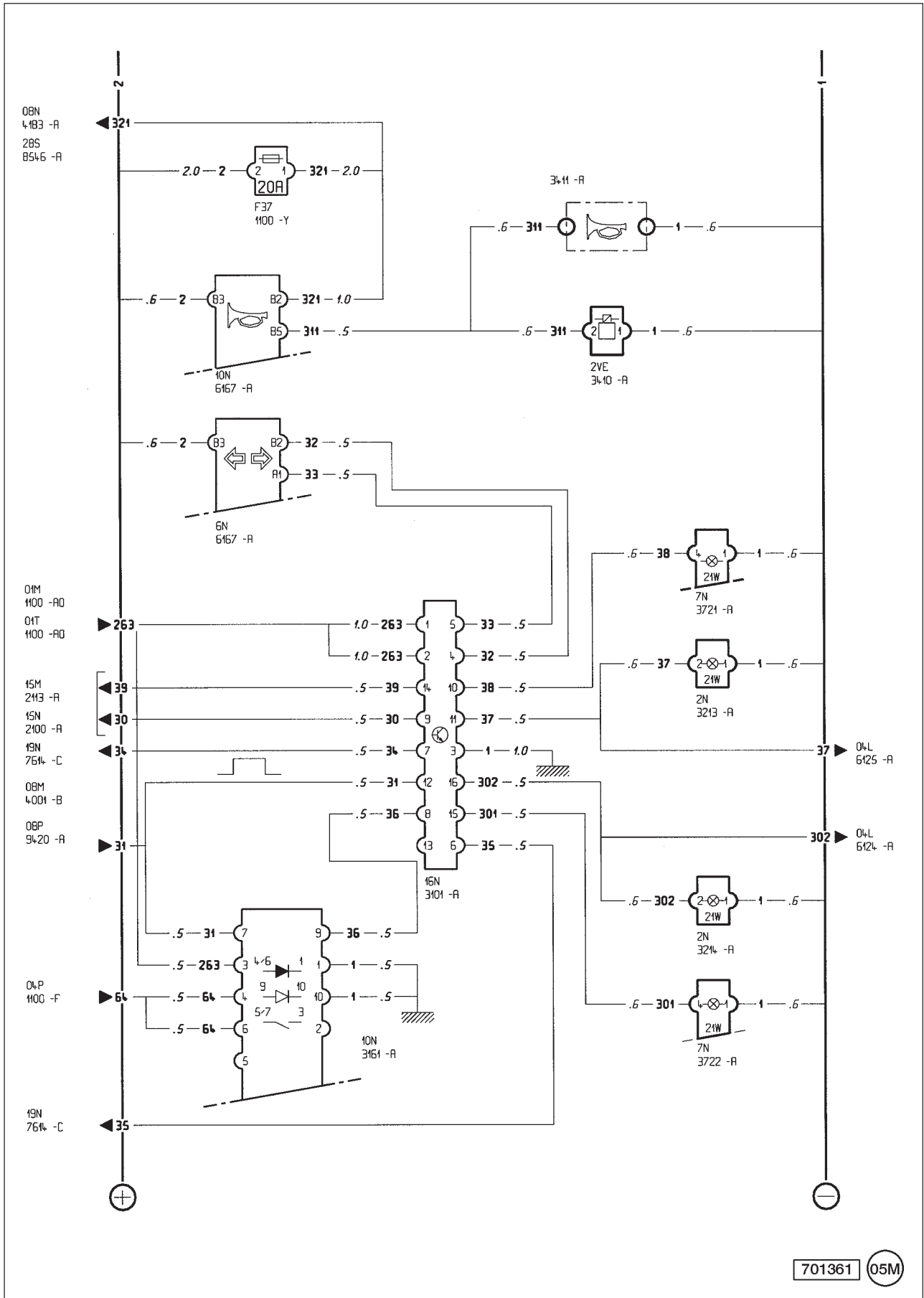
701361 04S

SIGNALLING

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
2311 – Alternator	(01M)	B3d
3618 – Side/parking lights relay	(04M)	B2c
6119 – Dipped beam headlights relay	(04R)	B2c
6138 – LH headlamp adjustment motor	(04T)	C1d
6139 – RH headlamp adjustment motor	(04T)	A1d
6145 – Daytime lights shunt	(04T)	C2b
6166 – Headlights adjustment control	(04L/T)	B3c
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b

SIGNALLING

Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15–pin	(15N)	B5d/B9d
2113 – Trailer socket, 7–pin type 24 N	(15M)	B5d/B9d
3101 – Flasher unit	(05M//08R)	B2c
3161 – Hazard lights control	(05M//08R)	C2c
3213 – RH side flashing lamp	(05M)	A2d
3214 – LH side flashing lamp	(05M)	C2d
3410 – Roof trumpet horn solenoid valve	(05M)	B3c
3411 – Horn	(05M)	C2d
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
4001 – Doors central locking box	(08M)	C2a
4183 – Driver and passenger cab rear overhead lights control	(08N)	B4a
6124 – Headlight, dipped headlight and left side lamp	(04L)	C1d
6125 – Headlight, dipped headlight and right side lamp	(04L)	A1d
6167 – Steering column fingertip controls		
– anti–theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8546 – Self–tracking axle safety relay	(28S)	A2c
9420 – Anti–theft alarm ECU	(002//08P/R)	C2a

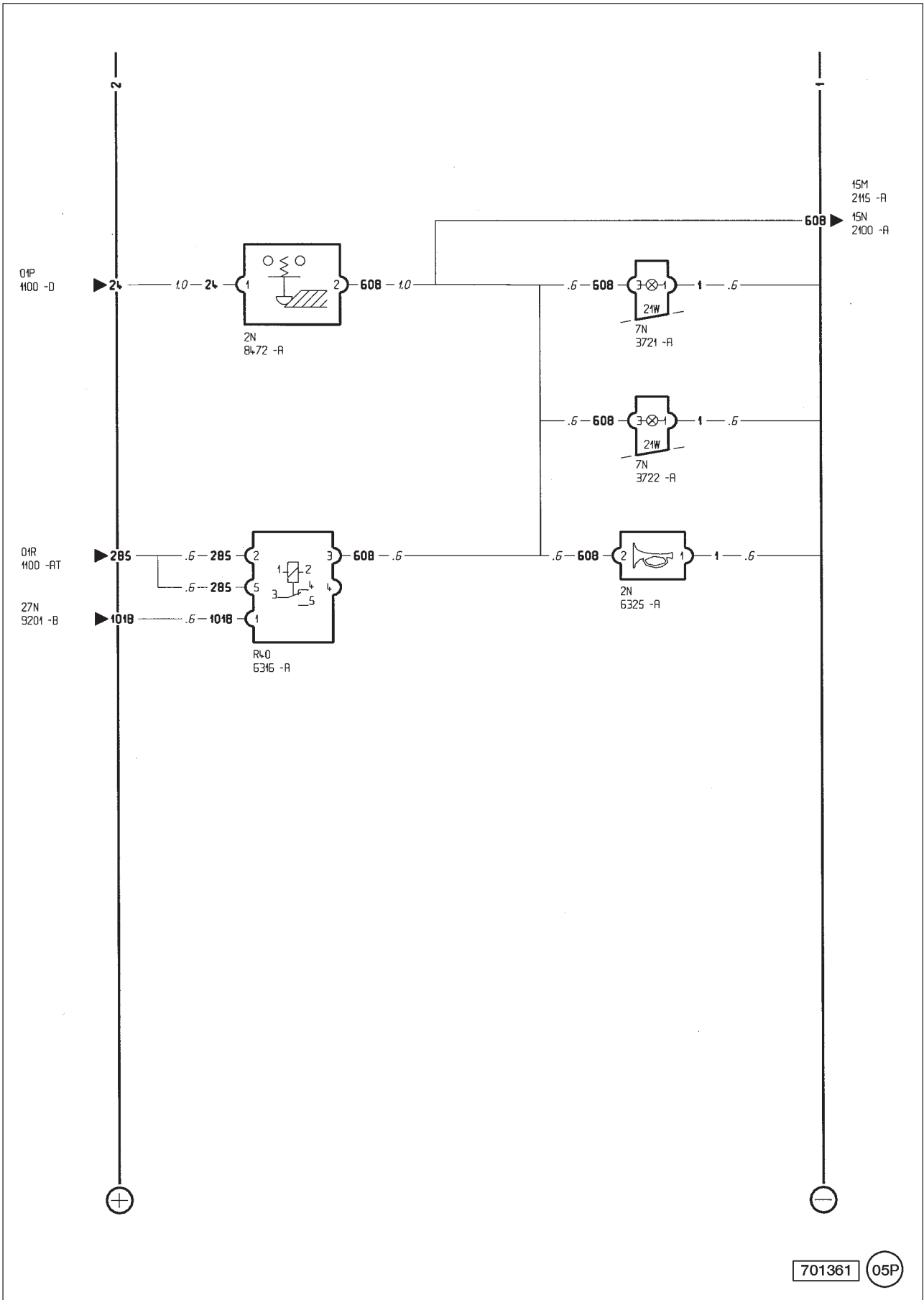


STOP LIGHTS

Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15-pin	(15N)	B5d/B9d
2113 – Trailer socket, 7-pin type 24 N	(15M)	B5d/B9d
3512 – Stop lights relay	(05N)	B2c
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b

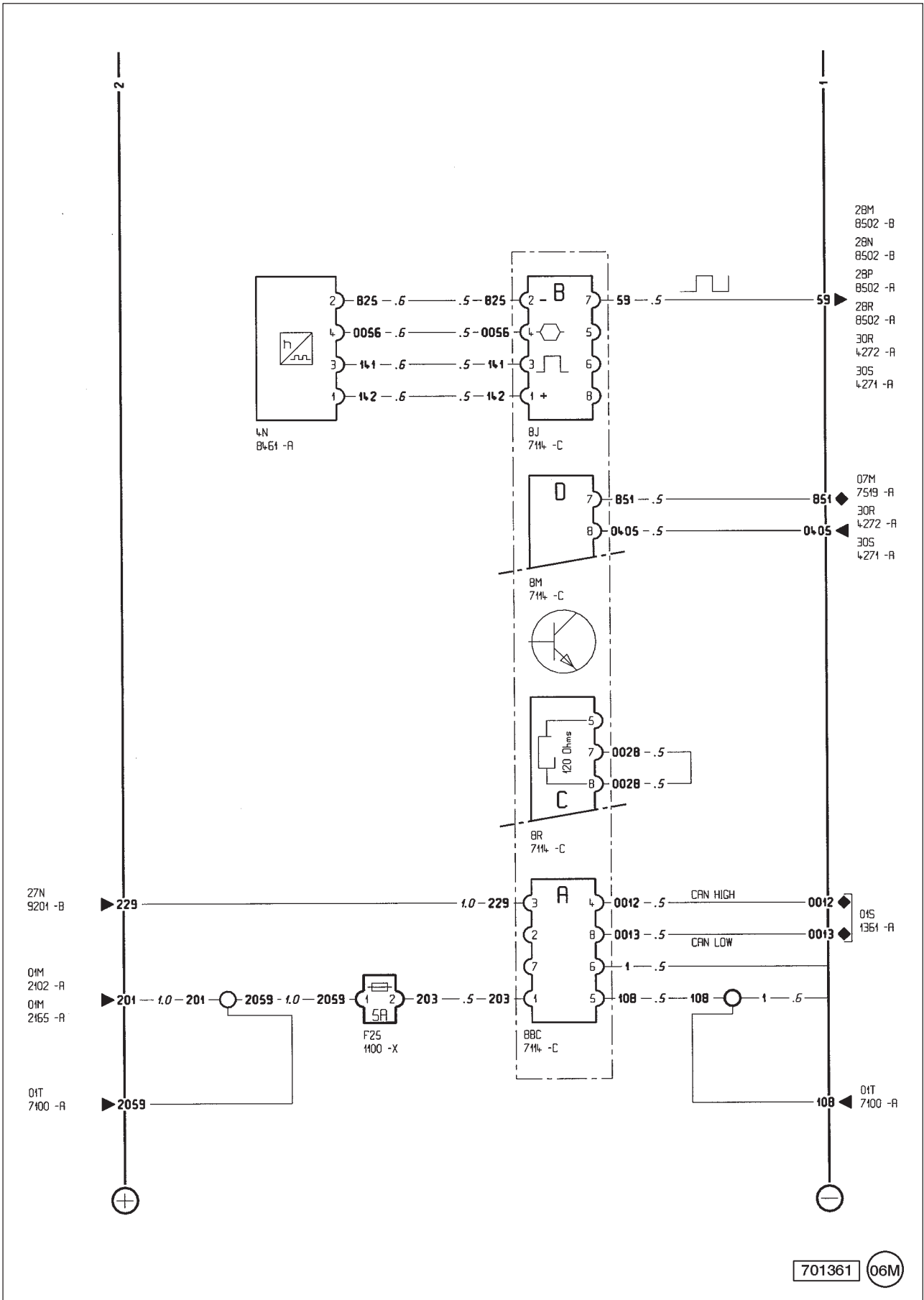
REVERSING LIGHTS

Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15-pin	(15N)	B5d/B9d
2115 – Trailer socket, 7-pin type 24 S	(08R//15M)	B5d/B9d
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
6316 – Reversing lights relay	(05P)	B2c
6325 – Reverse gear buzzer	(05P)	A9d
8472 – Reverse gear switch	(05P)	B5d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



TACHOGRAPH

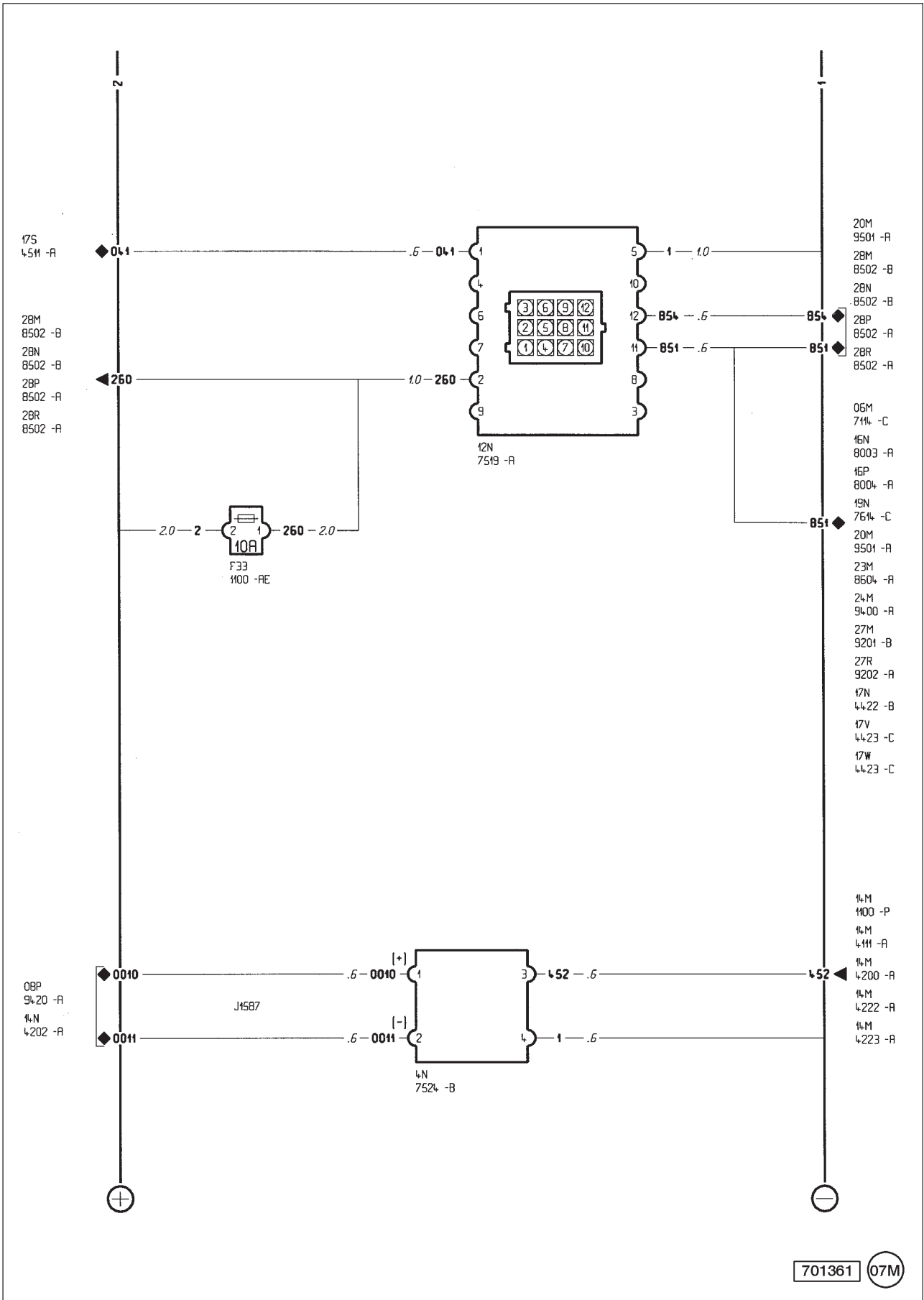
Appliance	Plate	Localisation
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
1361 – Connecting strip	(003//004//01S)	B2c
2102 – Battery N° 2	(01M)	A5d
2165 – Master switch	(01M)	A5d
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
7100 – Current limiter	(01T)	A5d
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
8461 – Vehicle speed sensor	(06M)	B5d
8502 – Suspension ECU	(28M/N/P/R)	A2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 (06M)

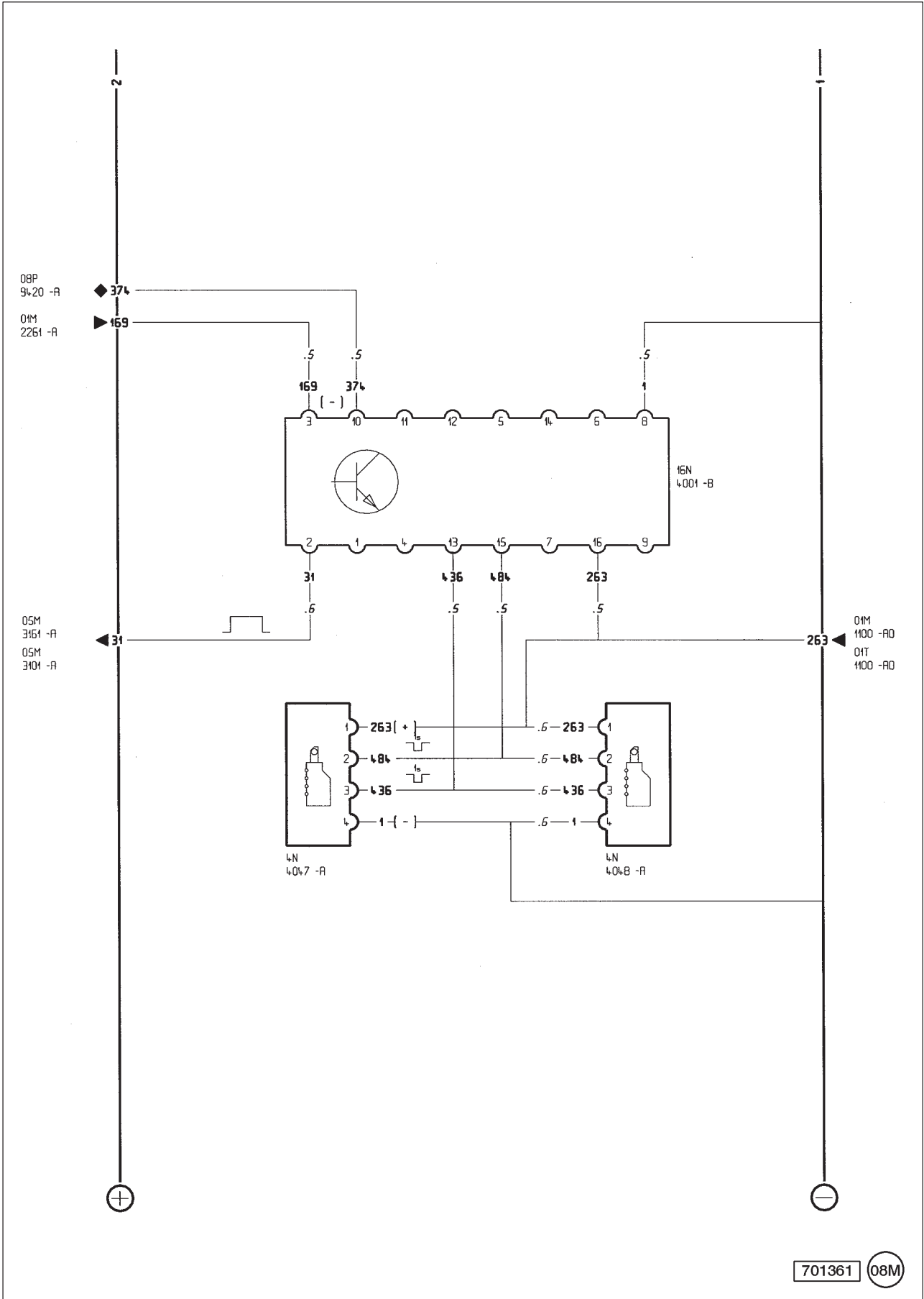
DIAGNOSTICS SOCKETS

Appliance	Plate	Localisation
1100 – Fuse	–	–
4111 – Cigar lighter	(14M)	B3c
4200 – Voltage dropper (12 Volt socket)	(14M)	A4c
4202 – Radio	(002//14N)	C2a
4222 – Driver's heated seat	(14M)	C3c
4223 – Passenger's heated seat	(14M)	A3c
4422 – Independent heater "Thermo 90S"	(17N)	A4c
4423 – Independent heater "D1LCC/D3LCC"	(17V/W)	C4d
4511 – Air conditioning	(17S)	A4d/A3d
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
7524 – "SAE" socket	(002//07M)	A4c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8003 – Hydraulic retarder ECU	(003//004//16N)	A2b
8004 – Electric retarder ECU	(003//004//16P)	A2b
8502 – Suspension ECU	(28M/N/P/R)	A2b
8604 – "ASTRONIC" ECU	(003//23M)	B5d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9400 – Airbag ECU	(24M)	C3c
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a
9501 – "EBS" ECU	(003//004//20M)	B2b



DOORS LOCKING

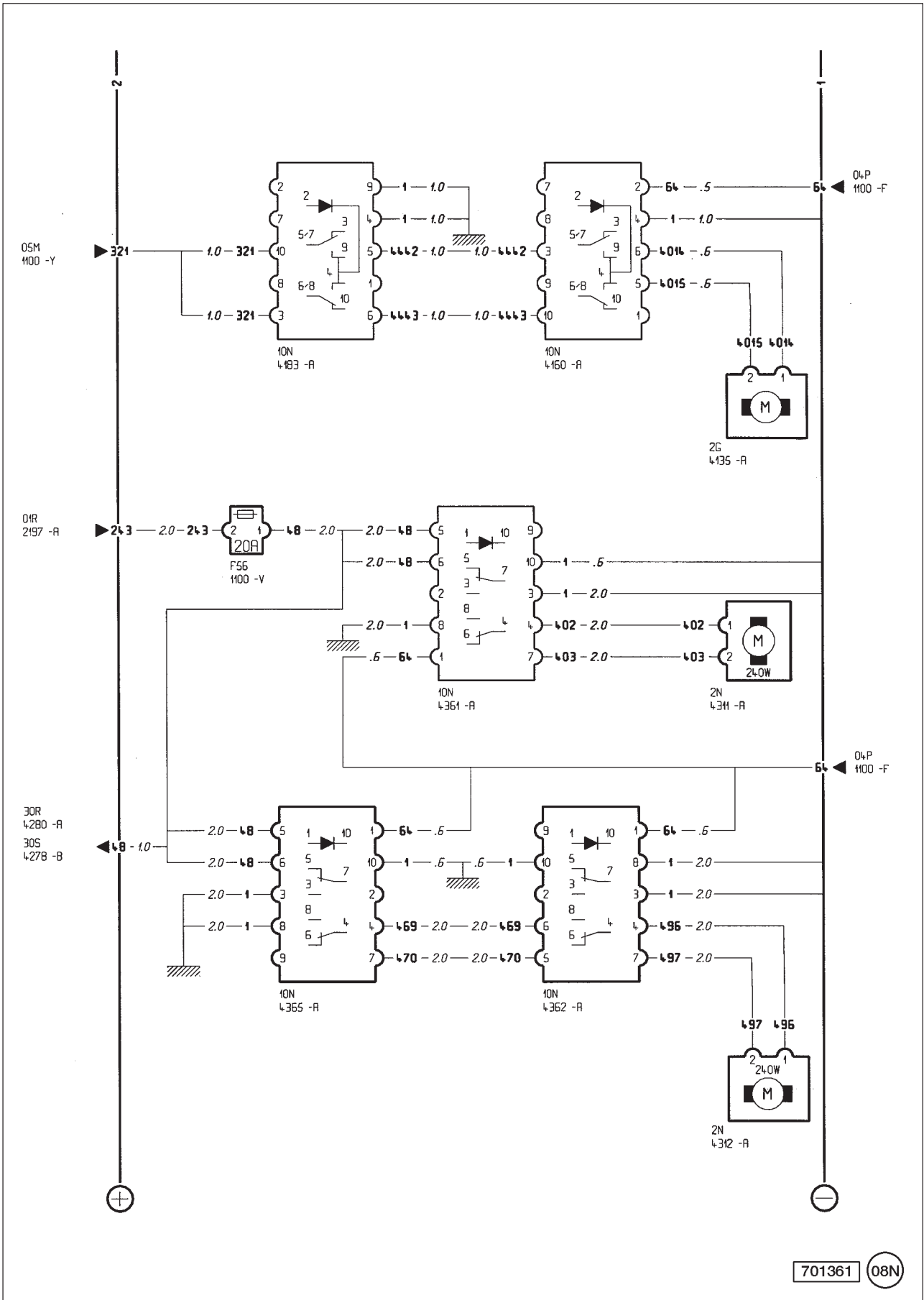
Appliance	Plate	Localisation
1100 – Fuse	–	–
2261 – Steering lock and starting control	(01M/N//08R)	C2b
3101 – Flasher unit	(05M//08R)	B2c
3161 – Hazard lights control	(05M//08R)	C2c
4001 – Doors central locking box	(08M)	C2a
4047 – Passenger’s side electric door striker	(08M)	A3c
4048 – Driver’s side electric door striker	(08M)	C3c
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a



701361 (08M)

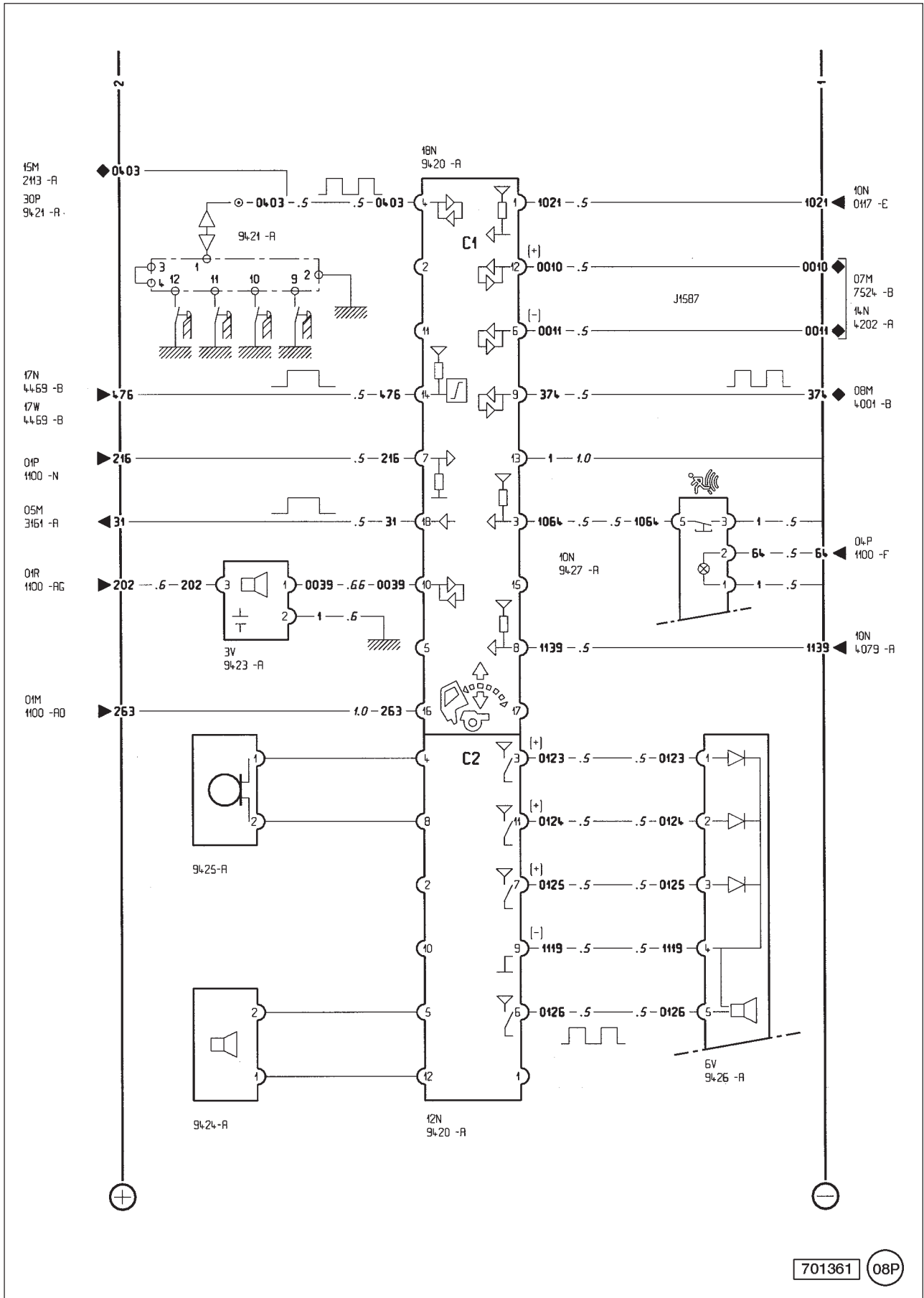
DOORS AND ROOF

Appliance	Plate	Localisation
1100 – Fuse	–	–
2197 – After ignition power supply relay N° 2	(01R)	B2c
4135 – Electric roof ventilator motor	(08N)	B3a
4160 – Electric roof ventilator control	(08N)	C2a
4183 – Driver and passenger cab rear overhead lights control	(08N)	B4a
4278 – Onboard management prearrangement (antenna satellite)	(30S)	C5a
4280 – Onboard management prearrangement (positioning module)	(30R)	C2a
4311 – Driver's window winder motor	(08N)	C3c
4312 – Passenger's window winder motor	(08N)	A3c
4361 – Driver's window winder control	(08N)	C3b
4362 – Passenger's window winder control	(08N)	A3b
4365 – Passenger's window winder control (driver's side)	(08N)	C3b



ALARM

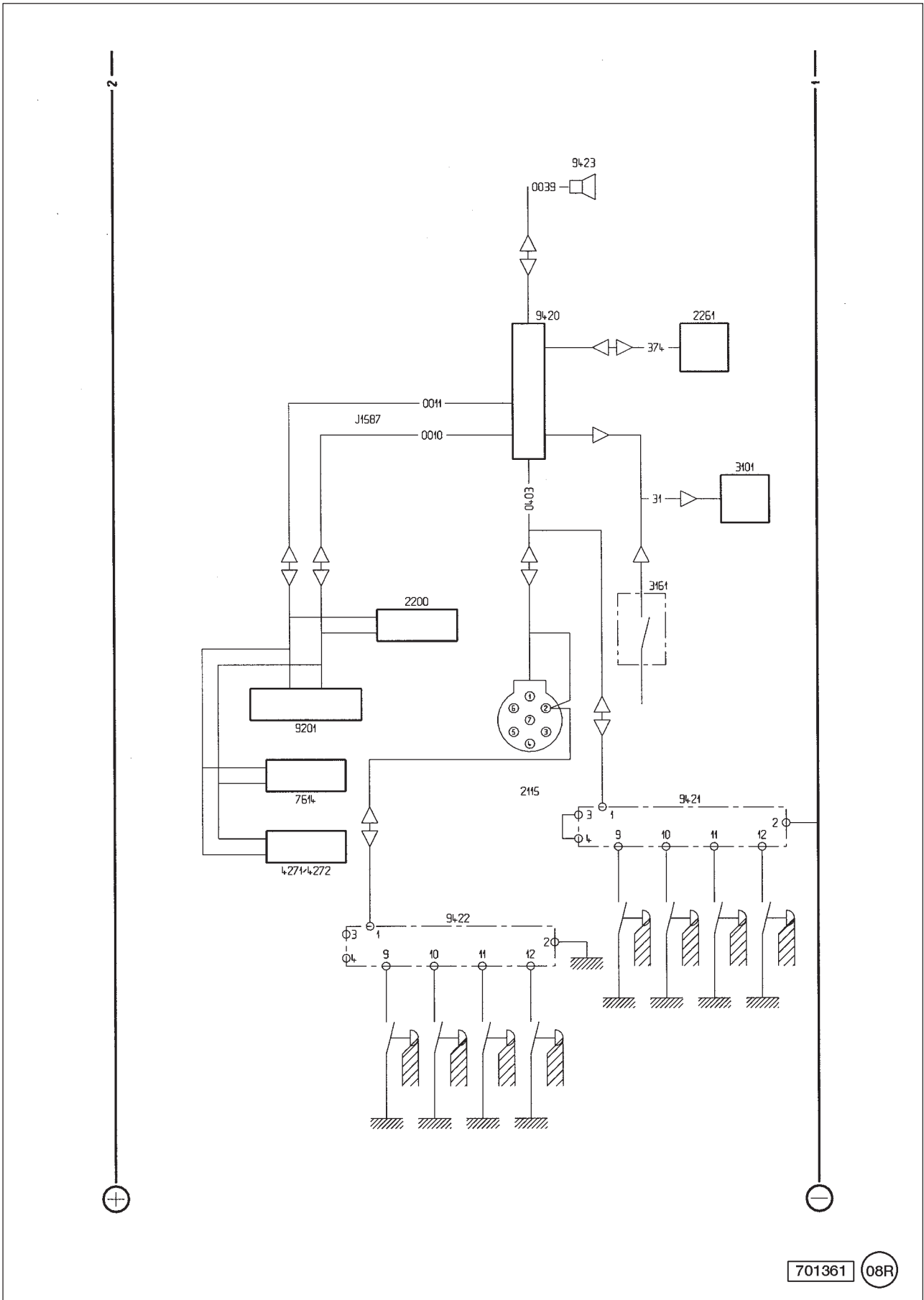
Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
2113 – Trailer socket, 7–pin type 24 N	(15M)	B5d/B9d
3161 – Hazard lights control	(05M//08R)	C2c
4001 – Doors central locking box	(08M)	C2a
4079 – RH door switch	(10N)	A3c
4202 – Radio	(002//14N)	C2a
4469 – Independent heater timer control	(17N/W)	B2b
7524 – “SAE” socket	(002//07M)	A4c
9420 – Anti–theft alarm ECU	(002//08P/R)	C2a
9421 – Road train perimetric protection pre–arrangement	(08P/R//30P)	–
9423 – Anti–theft alarm siren	(08P/R)	A3d
9424 – Ultrasound transmitter	(08P)	A3a
9425 – Ultrasound receiver	(08P)	C3a
9426 – Road train monitoring module	(08P/R//30P)	–
9427 – Anti–aggression control	(08P)	C2a



701361 (08P)

ALARM

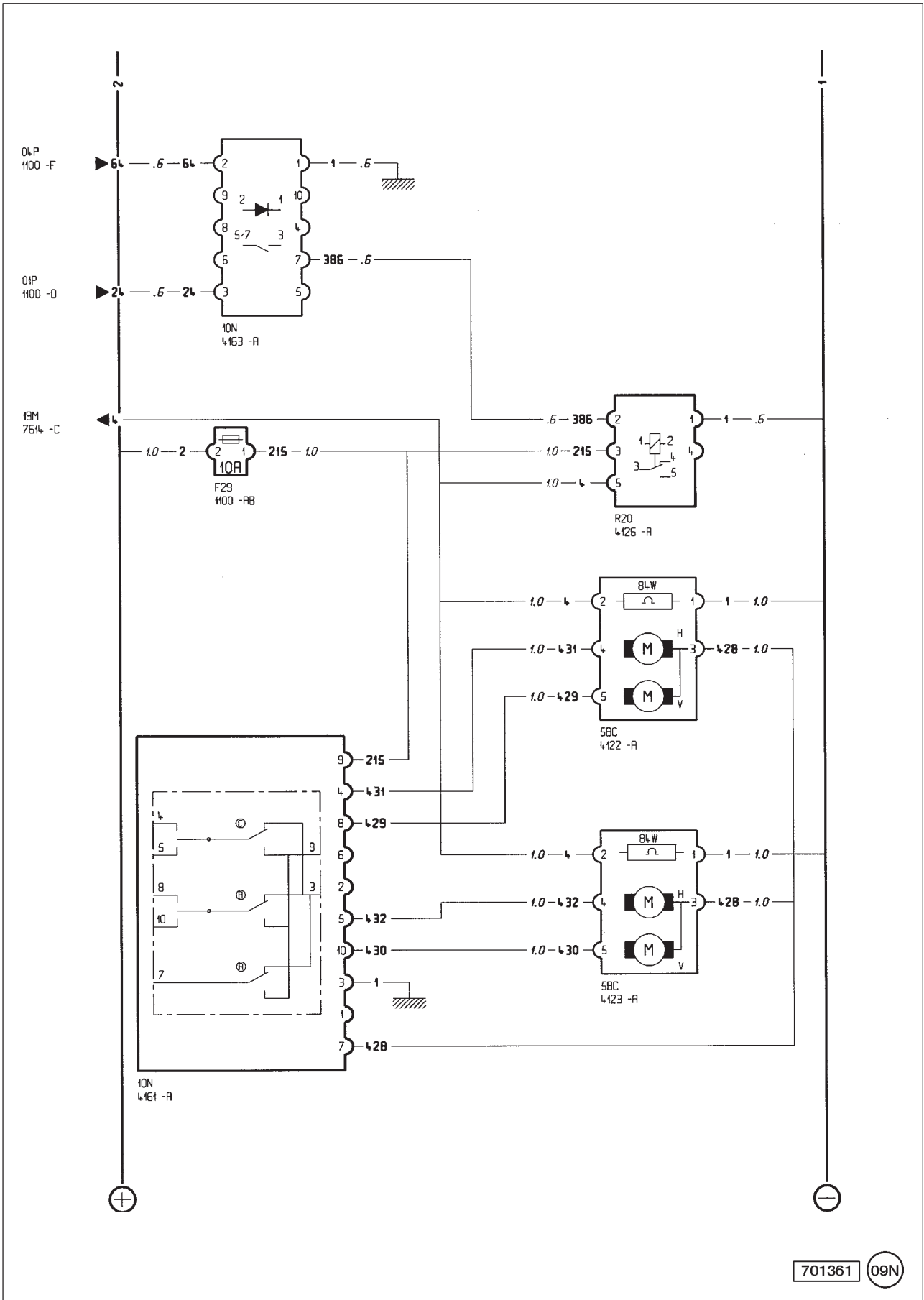
Appliance	Plate	Localisation
2115 – Trailer socket, 7-pin type 24 S	(08R//15M)	B5d/B9d
2200 – Anti-theft electronic box	(002//01N//08R)	C2b
2261 – Steering lock and starting control	(01M/N//08R)	C2b
3101 – Flasher unit	(05M//08R)	B2c
3161 – Hazard lights control	(05M//08R)	C2c
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a
9421 – Road train perimetric protection pre-arrangement	(08P/R//30P)	–
9422 – Trailer perimetric protection module	(08R)	–
9423 – Anti-theft alarm siren	(08P/R)	A3d



701361 (08R)

ELECTRIC DEFROSTING REARVIEW MIRROR

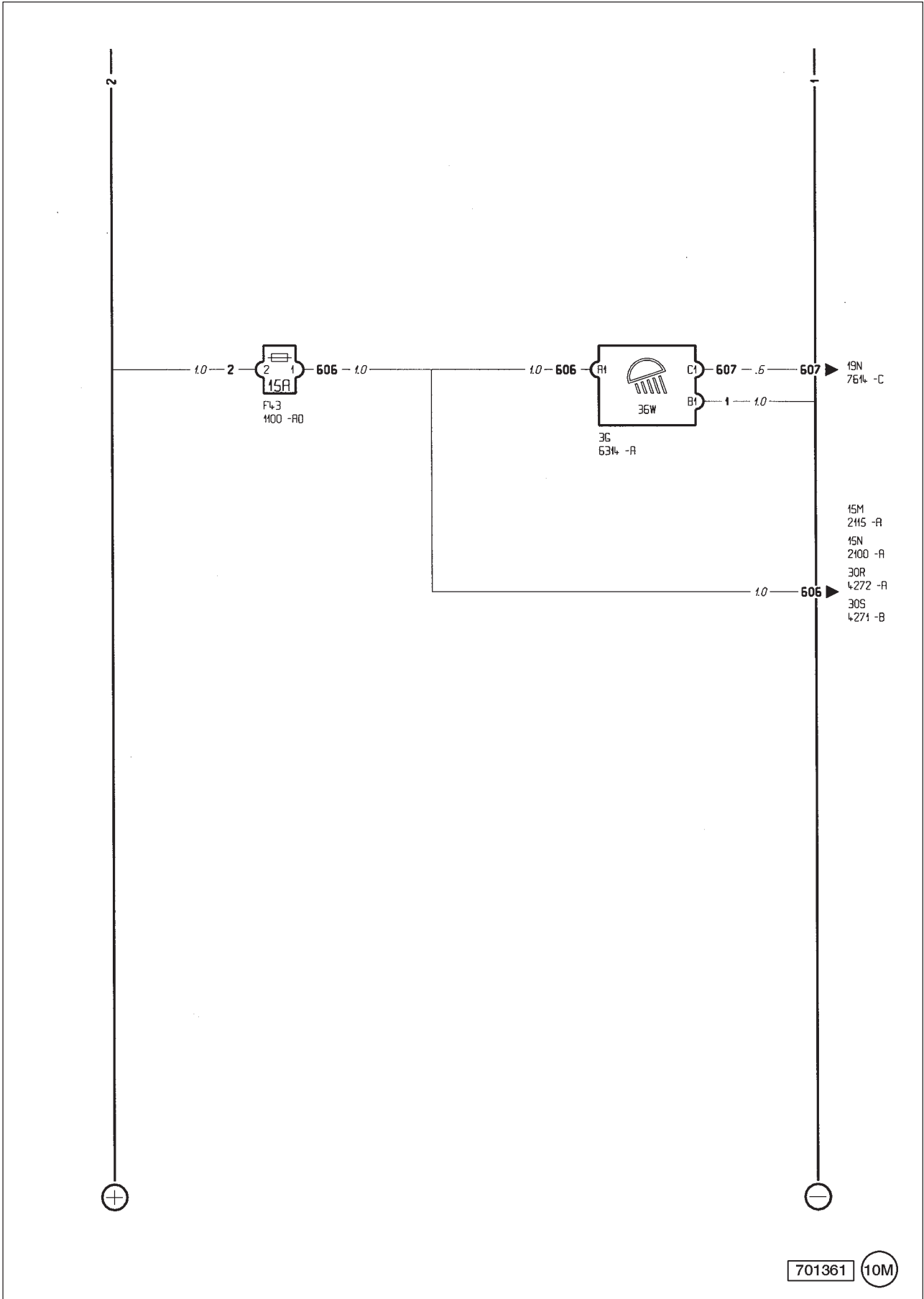
Appliance	Plate	Localisation
1100 – Fuse	–	–
4122 – LH swivelling defrosting rearview mirror	(09N)	C2a
4123 – RH swivelling defrosting rearview mirror	(09N)	A2a
4126 – Defrosting rearview mirrors relay	(09N)	B2c
4161 – External rearview mirrors swivelling control	(09N)	C3b
4163 – Defrosting rearview mirror control	(09N)	C3b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b



701361 (09N)

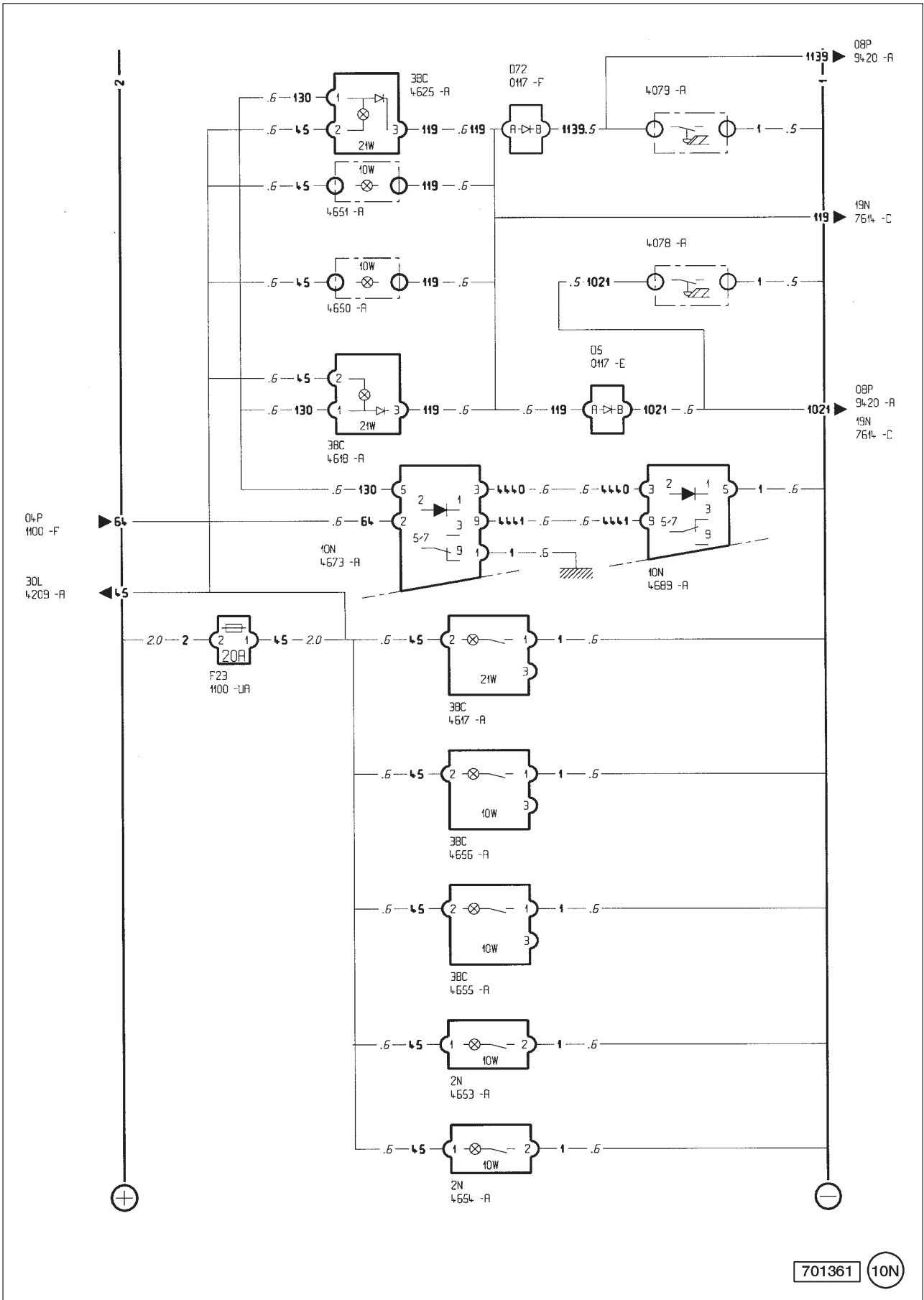
LOADING FLOODLIGHT

Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15–pin	(15N)	B5d/B9d
2115 – Trailer socket, 7–pin type 24 S	(08R//15M)	B5d/B9d
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
6314 – Working spotlight (tractor)	(10M)	A5d
7614 – Principal display	(002//003//004//08R//19M/N)	C2b



CAB INTERIOR LIGHTING

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
4078 – LH door switch	(10N)	C3c
4079 – RH door switch	(10N)	A3c
4209 – Voltage dropper (telecommunications)	(30L)	C2a
4617 – Top bunk overhead lamp	(10N)	C4a
4618 – Driver's overhead lamp	(10N)	C3a
4625 – Passenger's overhead lamp	(10N)	A3a
4650 – Driver's step lighting	(10N)	C3c
4651 – Passenger's step lighting	(10N)	A3c
4653 – Driver's map reader	(10N)	C3a
4654 – Passenger's map reader	(10N)	A3a
4655 – RH lower bunk overhead lamp	(10N)	A4a
4656 – LH lower bunk overhead lamp	(10N)	C4a
4673 – Driver and passenger overhead lights control	(10N)	C2a
4689 – Driver and passenger cab rear overhead lights control	(10N)	B4a
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a

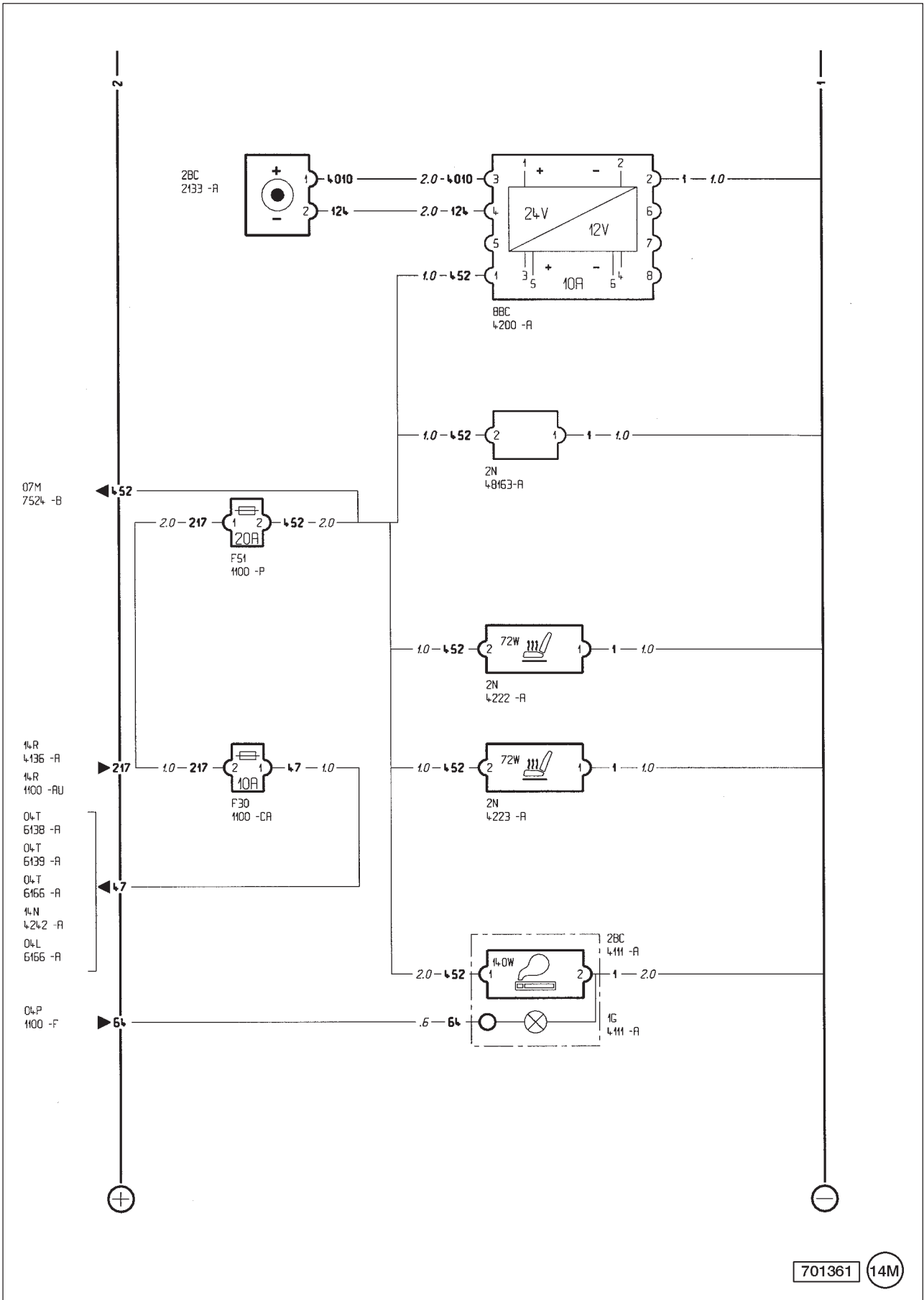


WINDSCREEN WIPER / SCREEN WASH / HEADLAMP WASH

Appliance	Plate	Localisation
1100 – Fuse	–	–
5300 – Windscreen wiper relay	(11M)	B2c
5310 – Headlamps wash time–delay relay	(11M)	B2c
5311 – Windscreen wiper motor	(11M)	B1b
5314 – Windscreen wash pump	(11M)	A5d
5319 – Headlamps wash pump	(11M)	A5d
6167 – Steering column fingertip controls		
– anti–theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b

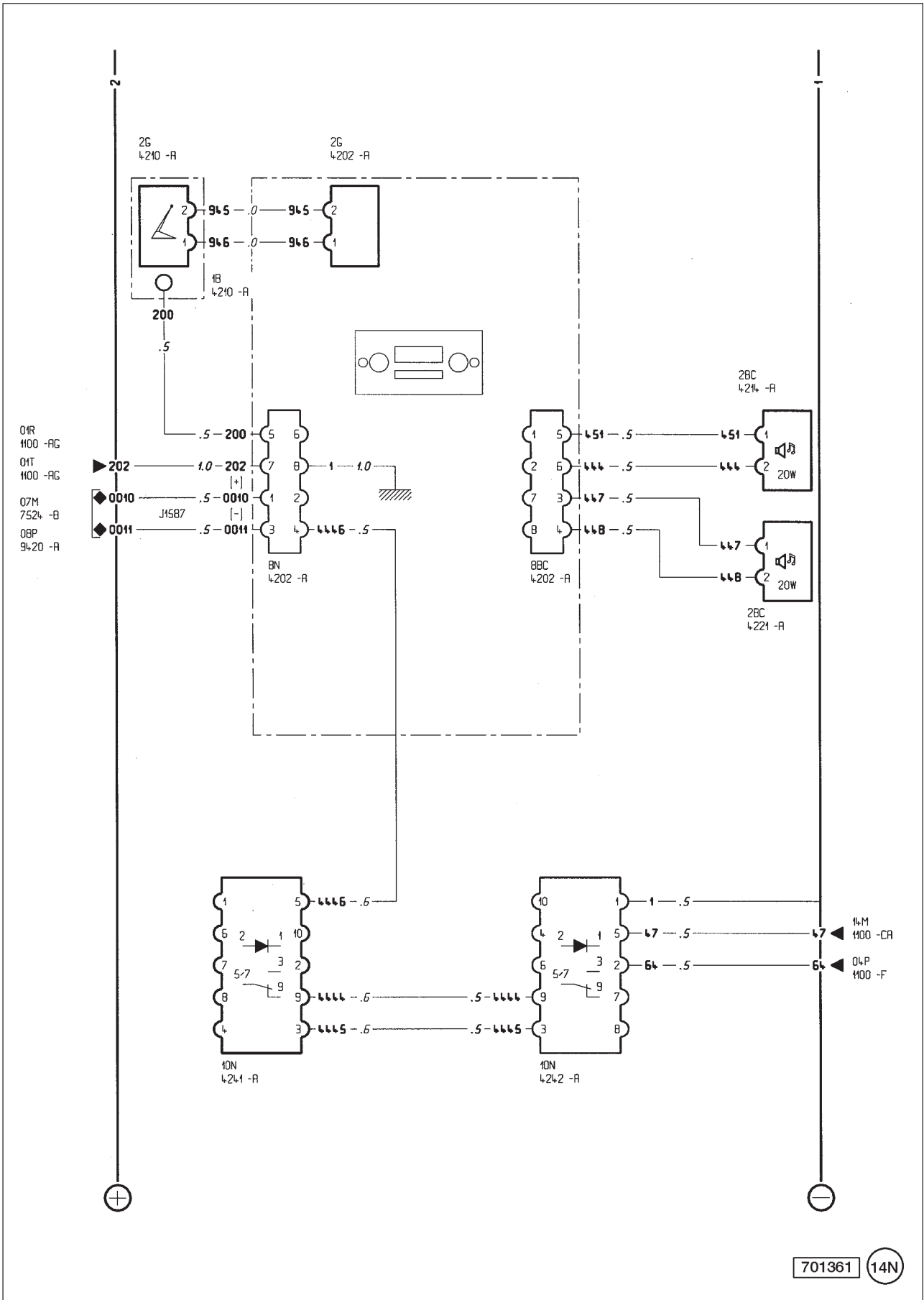
HEATED SEAT / CIGAR LIGHTER / 12V SOCKET

Appliance	Plate	Localisation
1100 – Fuse	–	–
2133 – 12 volt socket	(14M)	B3c
4111 – Cigar lighter	(14M)	B3c
4136 – Comfort accessories relay	(14R)	B2c
4200 – Voltage dropper (12 Volt socket)	(14M)	A4c
4222 – Driver's heated seat	(14M)	C3c
4223 – Passenger's heated seat	(14M)	A3c
4242 – Radio power supply control	(14N)	C2a
6138 – LH headlamp adjustment motor	(04T)	C1d
6139 – RH headlamp adjustment motor	(04T)	A1d
6166 – Headlights adjustment control	(04L/T)	B3c
7524 – "SAE" socket	(002//07M)	A4c
48163 – Refrigerant cylinder-holder	(14M)	B3b



RADIO SET

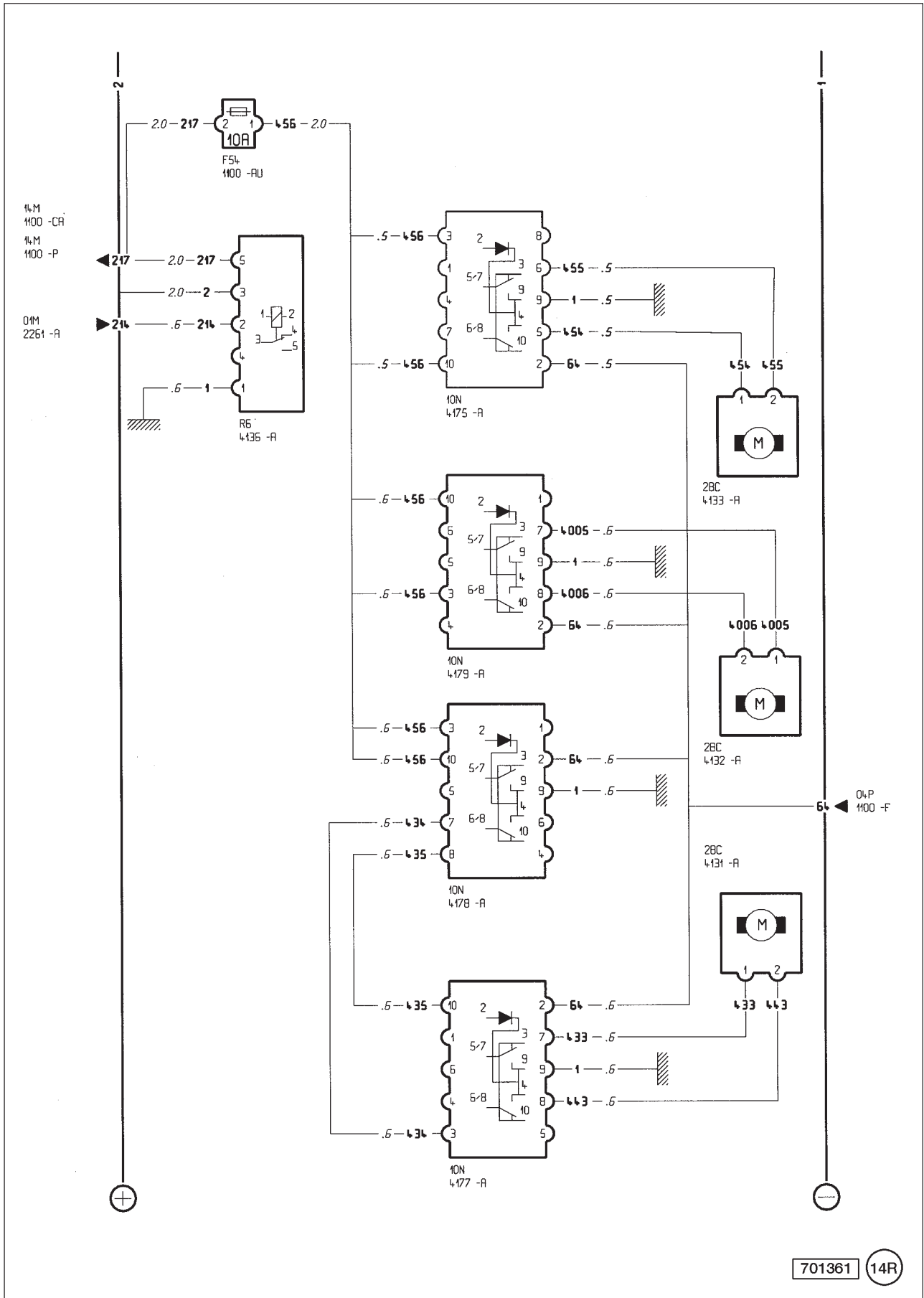
Appliance	Plate	Localisation
1100 – Fuse	–	–
4202 – Radio	(002//14N)	C2a
4210 – Antenna	(14N/30L)	C3a
4214 – Driver's loudspeaker	(14N)	C3a
4221 – Passenger's loudspeaker	(14N)	A3a
4241 – Cab rear radio power supply control	(14N)	B4a
4242 – Radio power supply control	(14N)	C2a
7524 – "SAE" socket	(002//07M)	A4c
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a



701361 14N

SUN VISOR

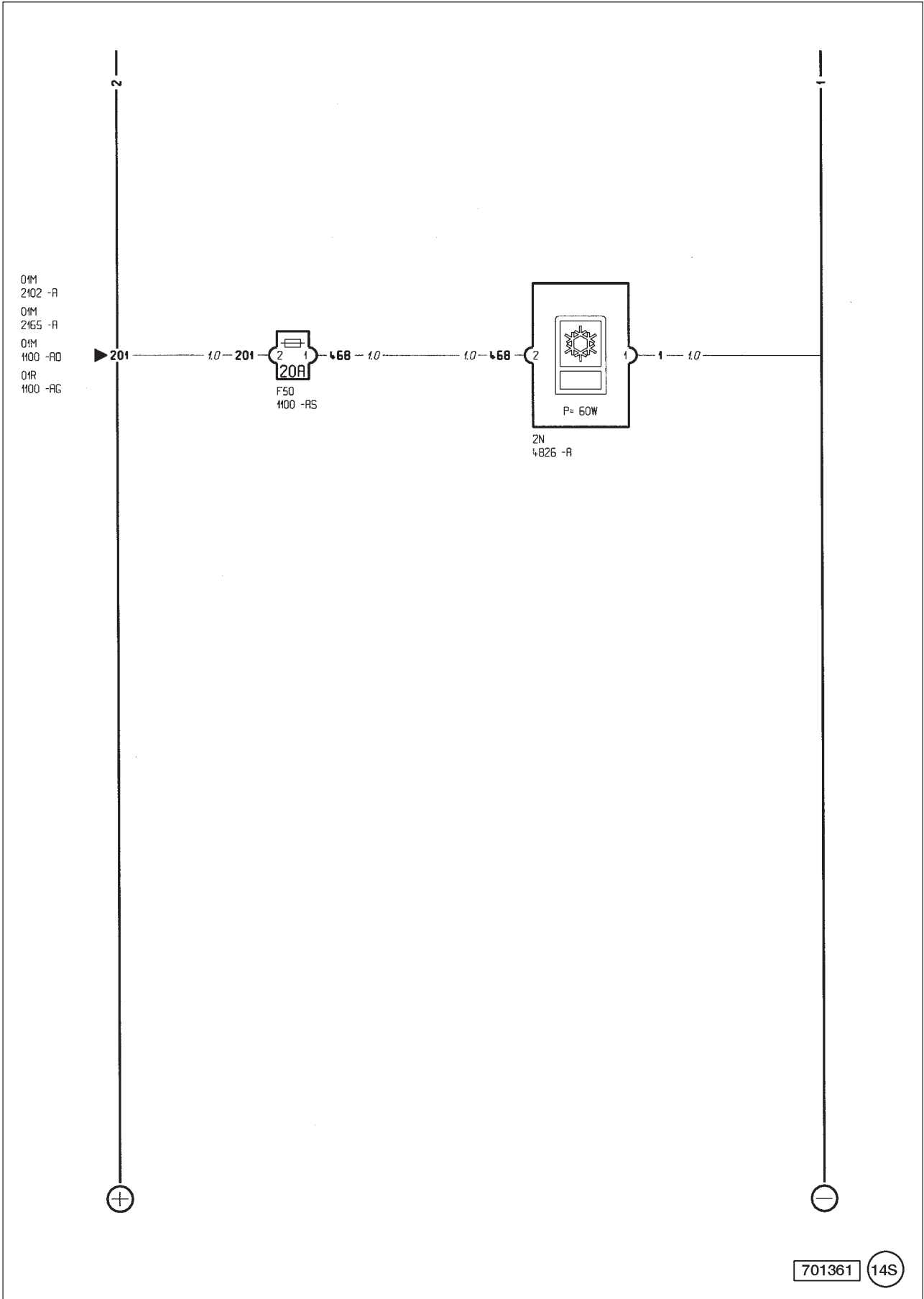
Appliance	Plate	Localisation
1100 – Fuse	–	–
2261 – Steering lock and starting control	(01M/N//08R)	C2b
4131 – Passenger’s sun visor motor	(14R)	A3a
4132 – Driver’s sun visor motor	(14R)	A3a
4133 – Frontal sun visor motor	(14R)	C2a
4136 – Comfort accessories relay	(14R)	B2c
4175 – Front sun blind control	(14R)	B2b
4177 – Passenger’s sun visor control (passenger’s side)	(14R)	A3b
4178 – Driver’s sun visor control (driver’s side)	(14R)	C3b
4179 – Driver’s sun visor control	(14R)	C3b



701361 (14R)

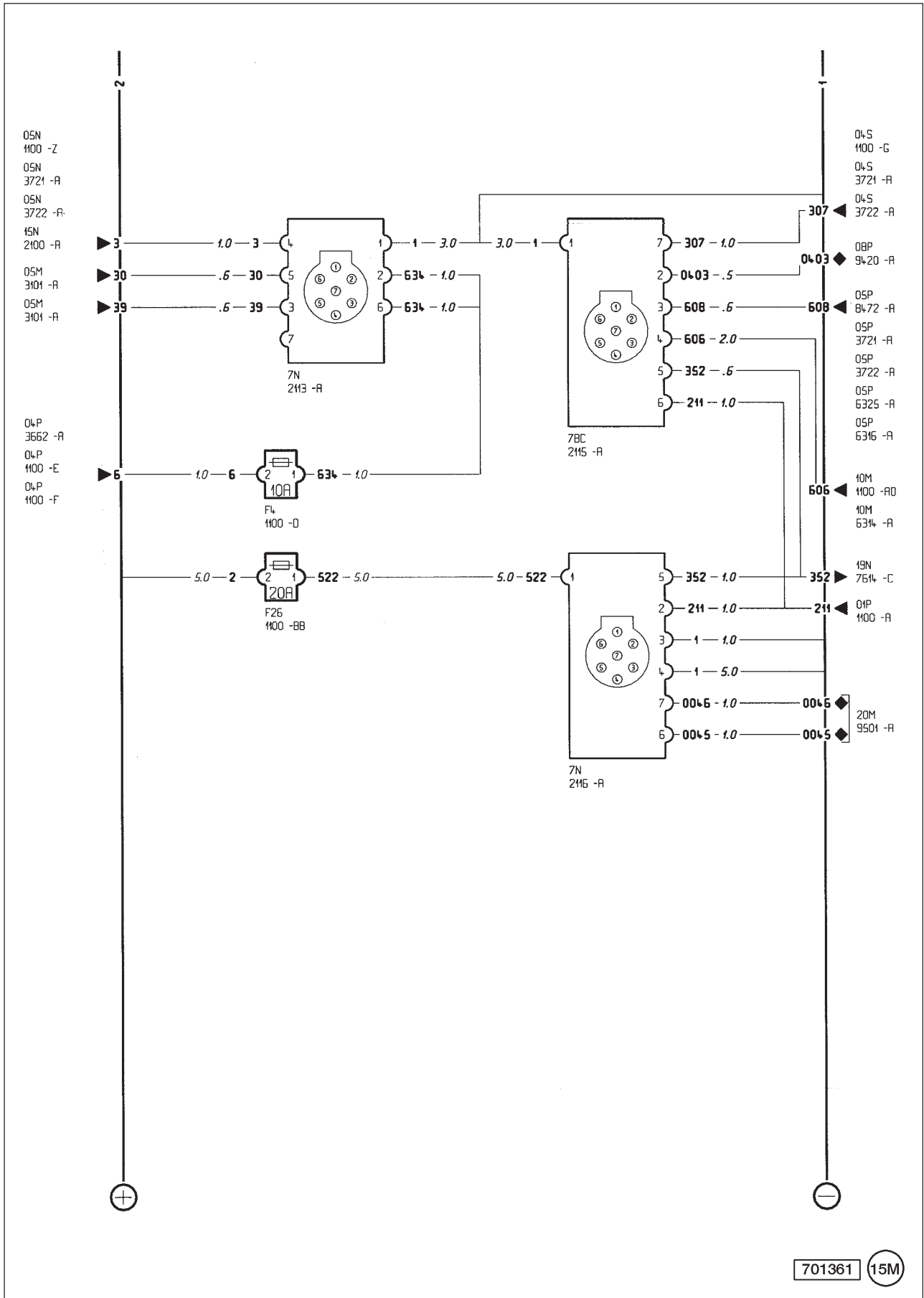
REFRIGERATOR

Appliance	Plate	Localisation
1100 – Fuse	–	–
2102 – Battery N° 2	(01M)	A5d
2165 – Master switch	(01M)	A5d
4826 – Refrigerator	(14S)	B4c



TRAILER SOCKETS

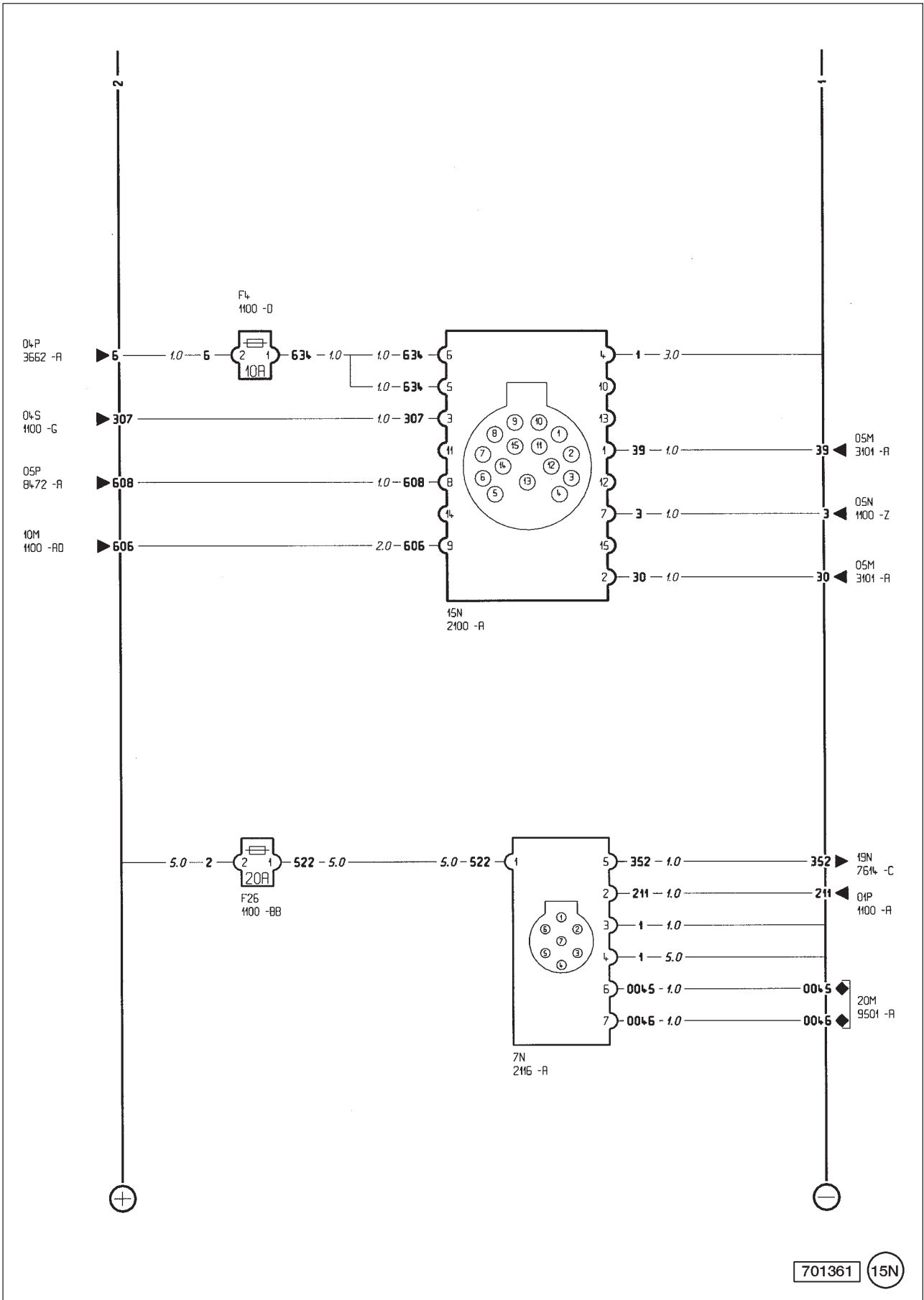
Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15-pin	(15N)	B5d/B9d
2113 – Trailer socket, 7-pin type 24 N	(15M)	B5d/B9d
2115 – Trailer socket, 7-pin type 24 S	(08R//15M)	B5d/B9d
2116 – Trailer socket, 7-pin type "EBS"	(15M/N)	B5d/B9d
3101 – Flasher unit	(05M//08R)	B2c
3662 – Lighting relay	(04P)	B2c
3721 – RH rear lights		
– flashing	(05M)	A9d
– stop	(05N)	A9d
– fog	(04S)	A9d
– reverse	(05P)	A9d
– side/parking	(04M)	A9d
3722 – LH rear lights		
– flashing	(05M)	C9d
– stop	(05N)	C9d
– fog	(04S)	C9d
– reverse	(05P)	C9d
– side/parking	(04N)	C9d
6314 – Working spotlight (tractor)	(10M)	A5d
6316 – Reversing lights relay	(05P)	B2c
6325 – Reverse gear buzzer	(05P)	A9d
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8472 – Reverse gear switch	(05P)	B5d
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a
9501 – "EBS" ECU	(003//004//20M)	B2b



701361 (15M)

ADR TRAILER SOCKET

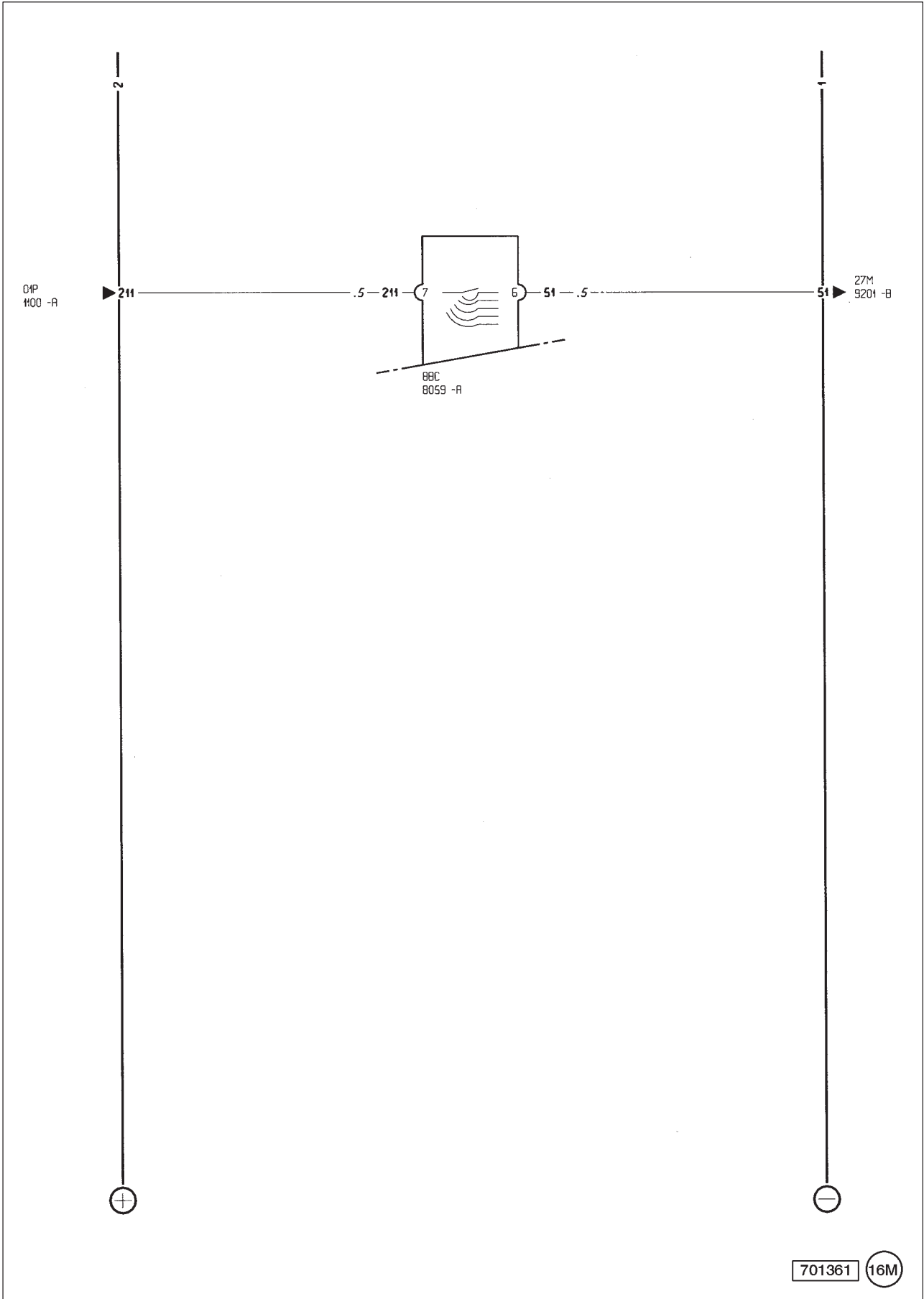
Appliance	Plate	Localisation
1100 – Fuse	–	–
2100 – Trailer socket, 15–pin	(15N)	B5d/B9d
2116 – Trailer socket, 7–pin type“EBS”	(15M/N)	B5d/B9d
3101 – Flasher unit	(05M//08R)	B2c
3662 – Lighting relay	(04P)	B2c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8472 – Reverse gear switch	(05P)	B5d
9501 – “EBS” ECU	(003//004//20M)	B2b



701361 (15N)

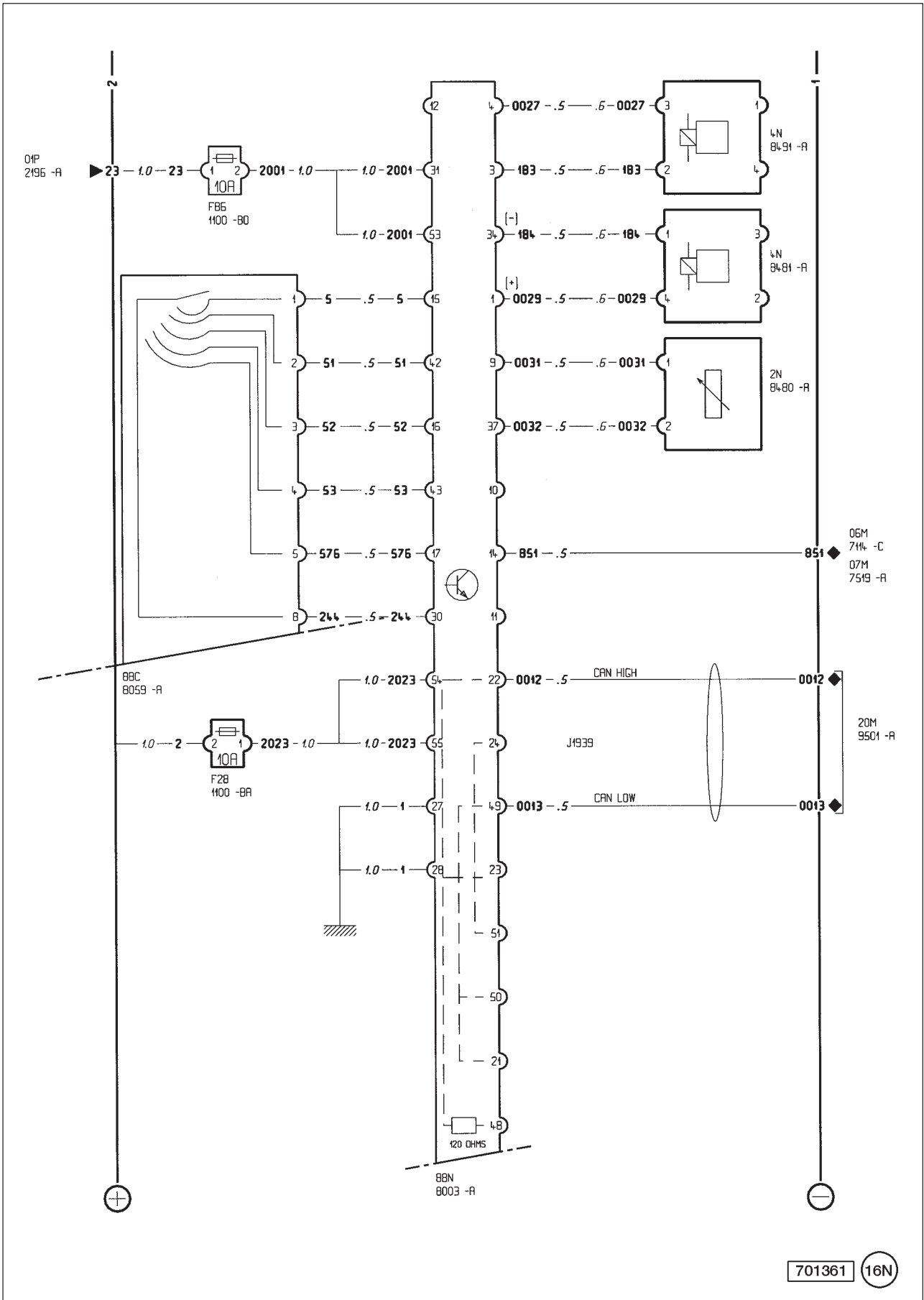
ENGINE BRAKE / EXHAUST BRAKE

Appliance	Plate	Localisation
1100 – Fuse	–	–
8059 – Electric or hydraulic retardation control	(16M/N/P)	C2d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



HYDRAULIC RETARDER

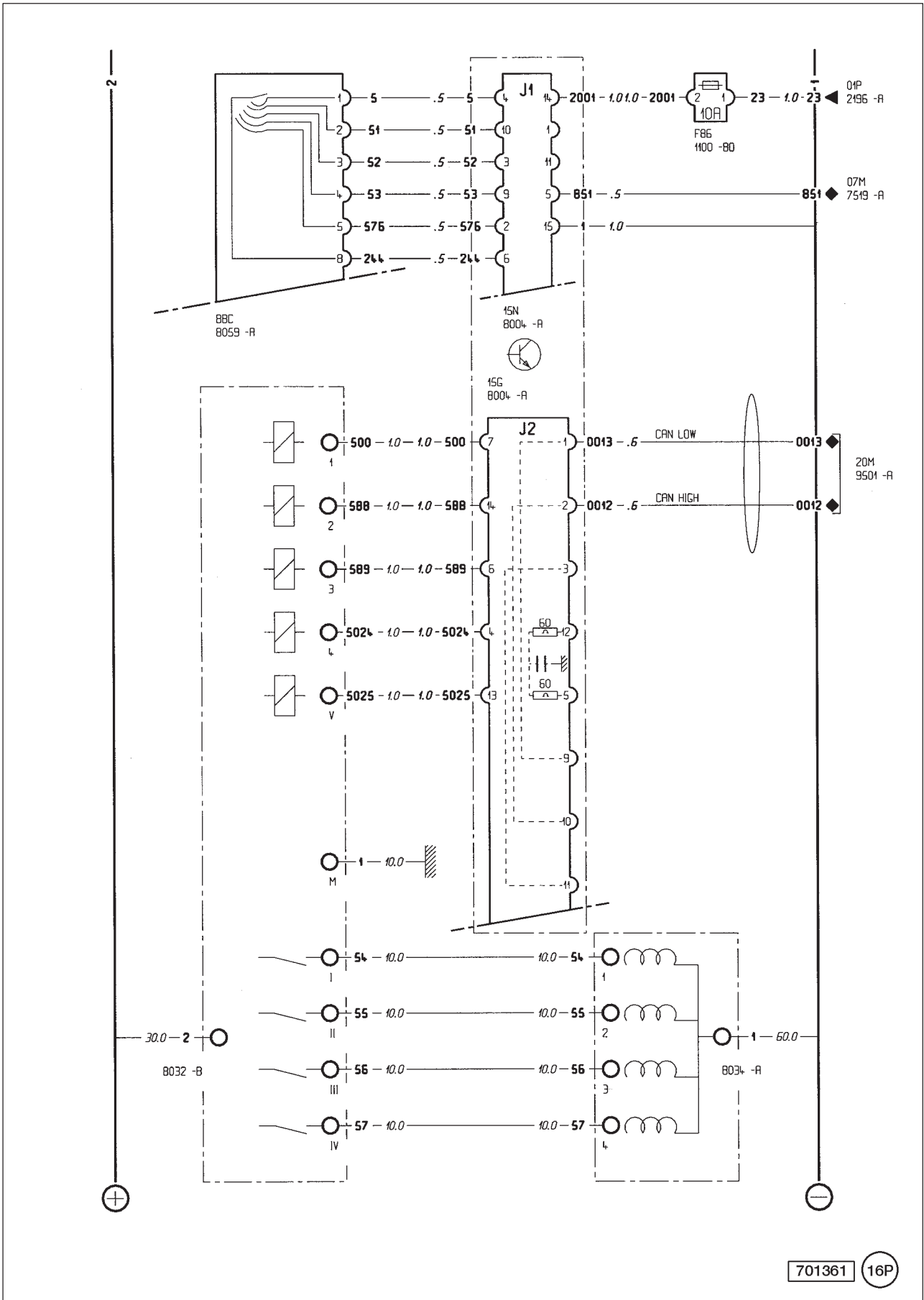
Appliance	Plate	Localisation
1100 – Fuse	–	–
2196 – After ignition power supply relay N° 1	(01P)	B2c
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
8003 – Hydraulic retarder ECU	(003//004//16N)	A2b
8059 – Electric or hydraulic retardation control	(16M/N/P)	C2d
8480 – Hydraulic retarder cooling system temperature sensor	(16N)	B6d
8481 – Air tank electrovalve	(16N)	B6d
8491 – Hydraulic retarder proportional opening solenoid valve	(16N)	B6d
9501 – “EBS” ECU	(003//004//20M)	B2b



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ELECTRIC RETARDER

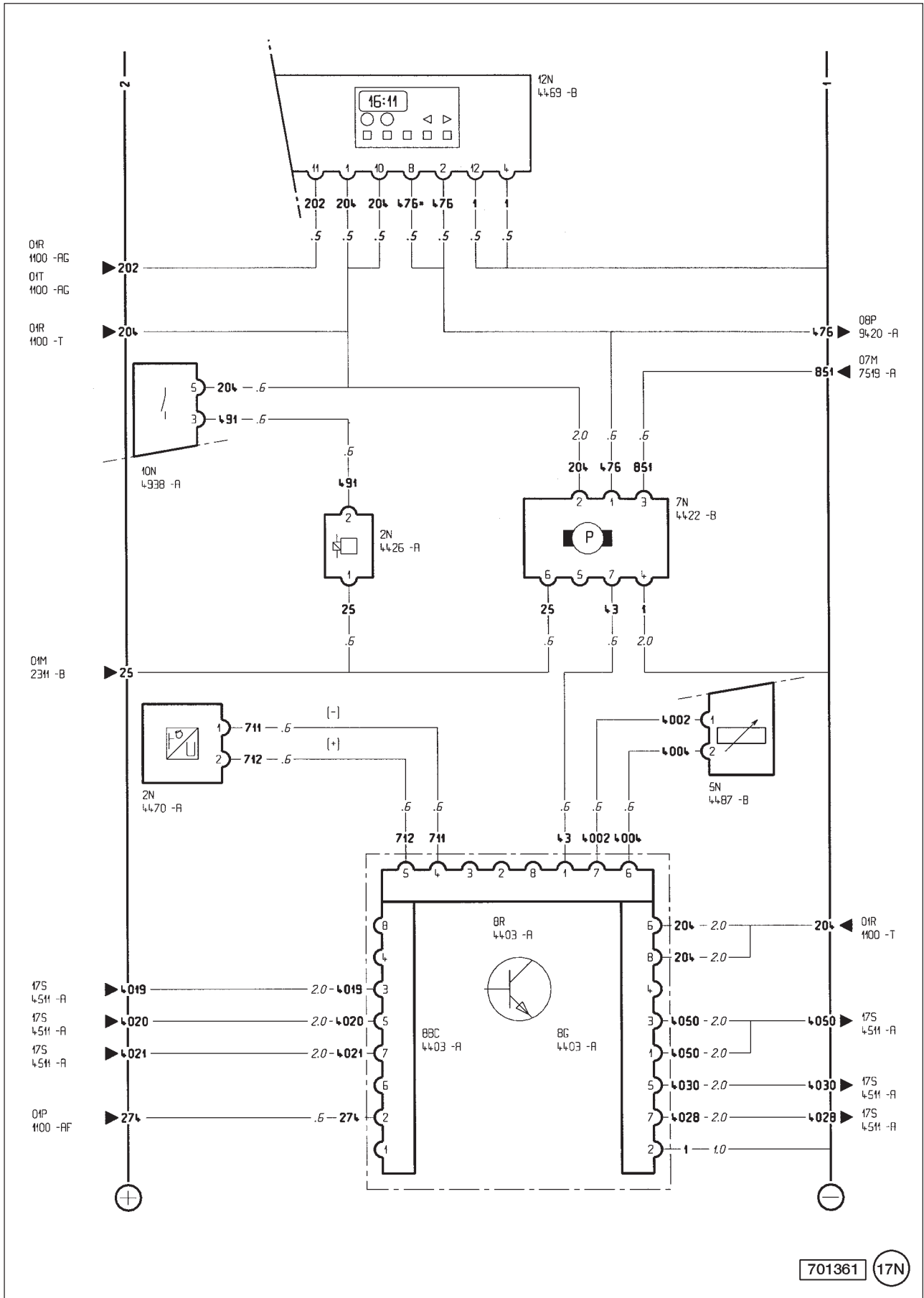
Appliance	Plate	Localisation
1100 – Fuse	–	–
2196 – After ignition power supply relay N° 1	(01P)	B2c
7519 – Diagnostics socket	(07M)	C3c
8004 – Electric retarder ECU	(003//004//16P)	A2b
8032 – Electric retarder relay box	(16P)	B6d
8034 – Electric retarder	(16P)	B5d/B6d
8059 – Electric or hydraulic retardation control	(16M/N/P)	C2d
9501 – “EBS” ECU	(003//004//20M)	B2b



701361 16P

INDEPENDENT HEATING "THERMO 90S"

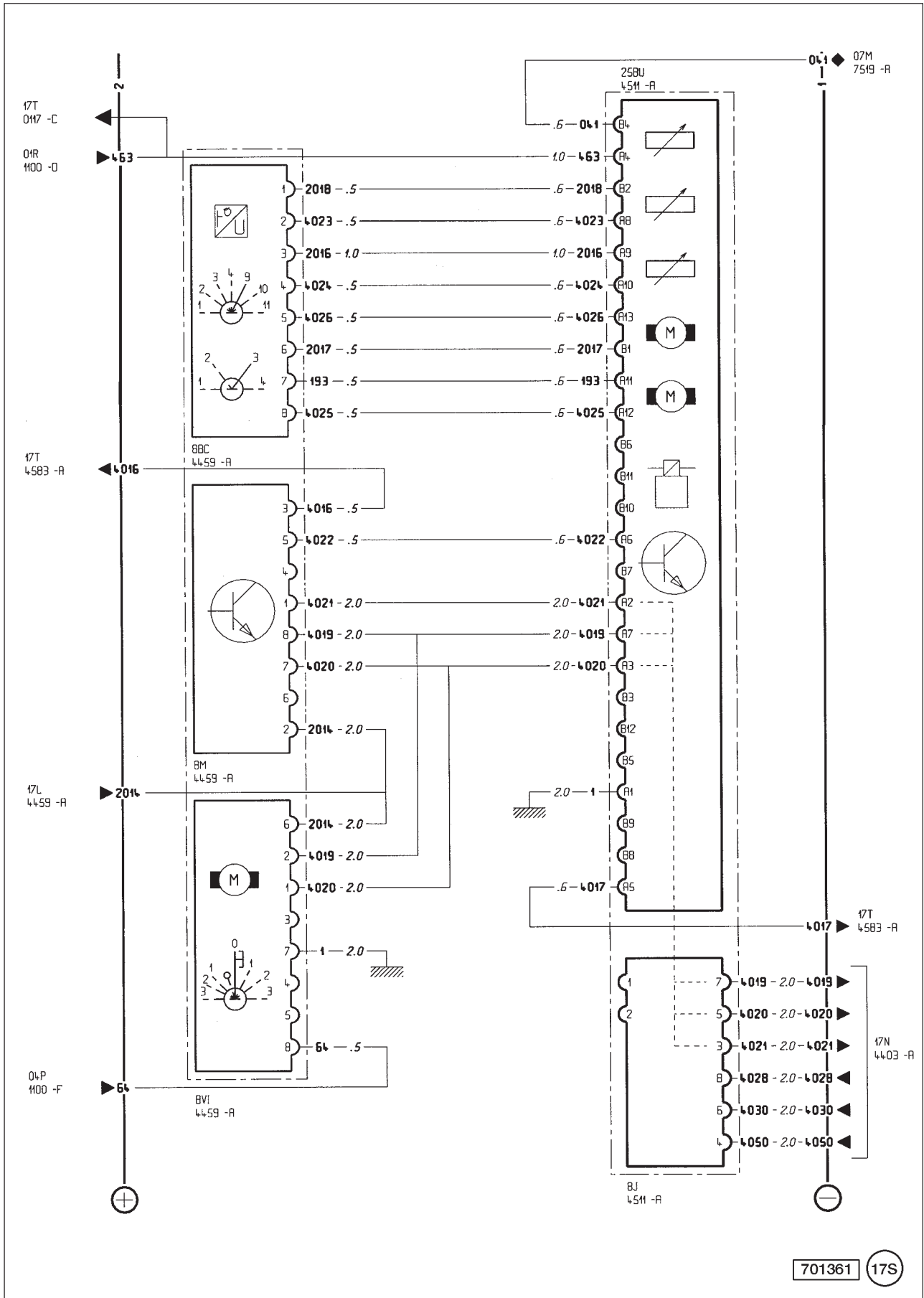
Appliance	Plate	Localisation
1100 – Fuse	–	–
2311 – Alternator	(01M)	B3d
4403 – Ventilation control box	(17N)	A4c
4422 – Independent heater "Thermo 90S"	(17N)	A4c
4426 – Main coolant circuit solenoid valve	(17N)	C4d
4469 – Independent heater timer control	(17N/W)	B2b
4470 – Interior temperature sensor	(17N)	B2b
4487 – Temperature variator	(17N/V/W)	B4a
4511 – Air conditioning	(17S)	A4d/A3d
4938 – Cooling circuit main solenoid valve control	(17N)	B3c
7519 – Diagnostics socket	(07M)	C3c
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a



701361 (17N)

AIR CONDITIONING

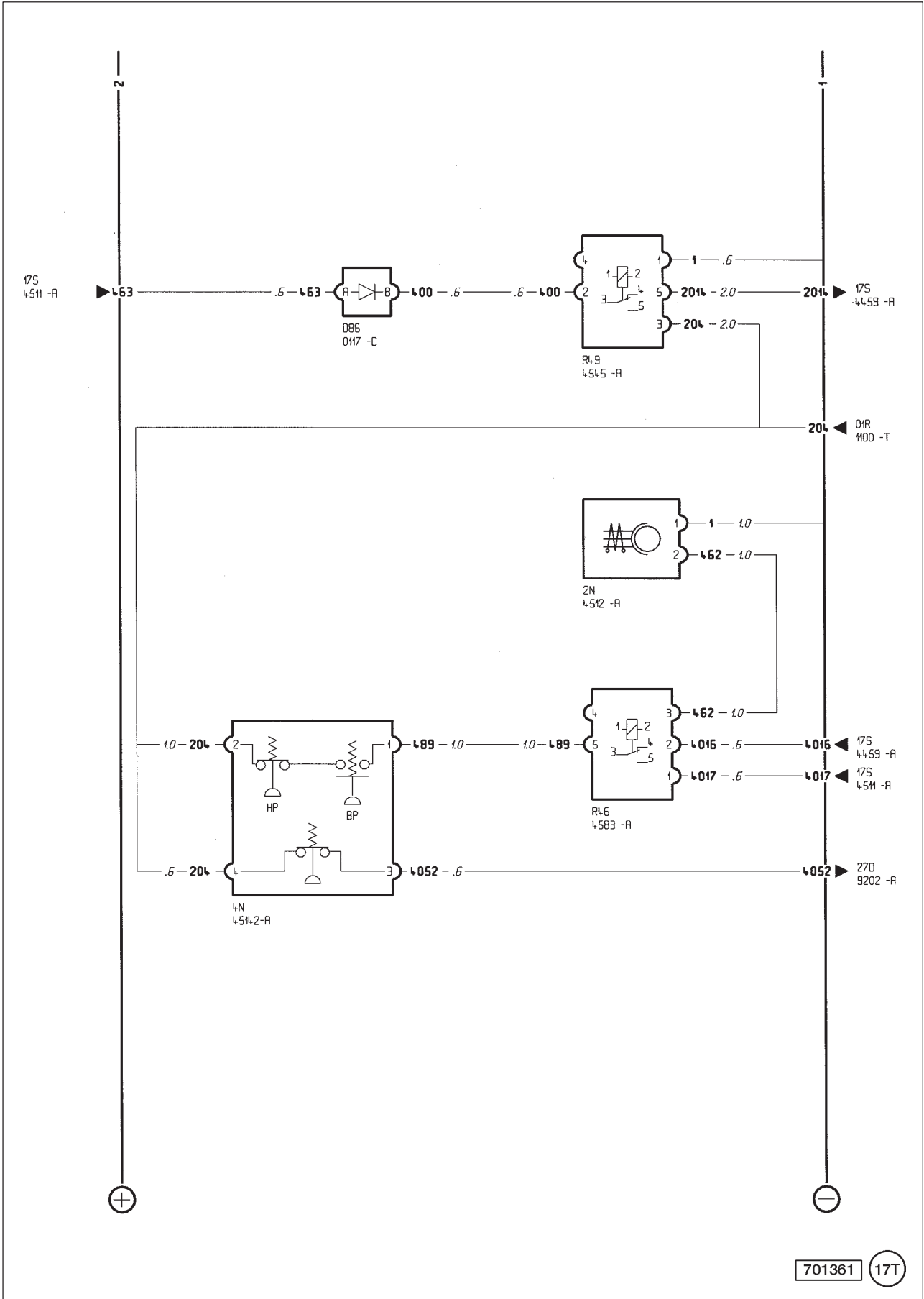
Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
4403 – Ventilation control box	(17N)	A4c
4459 – Electrical feeder plate to fan	(17S)	B2b
4511 – Air conditioning	(17S)	A4d/A3d
4583 – Air conditioning compressor relay	(17T)	B2c
7519 – Diagnostics socket	(07M)	C3c



701361 17S

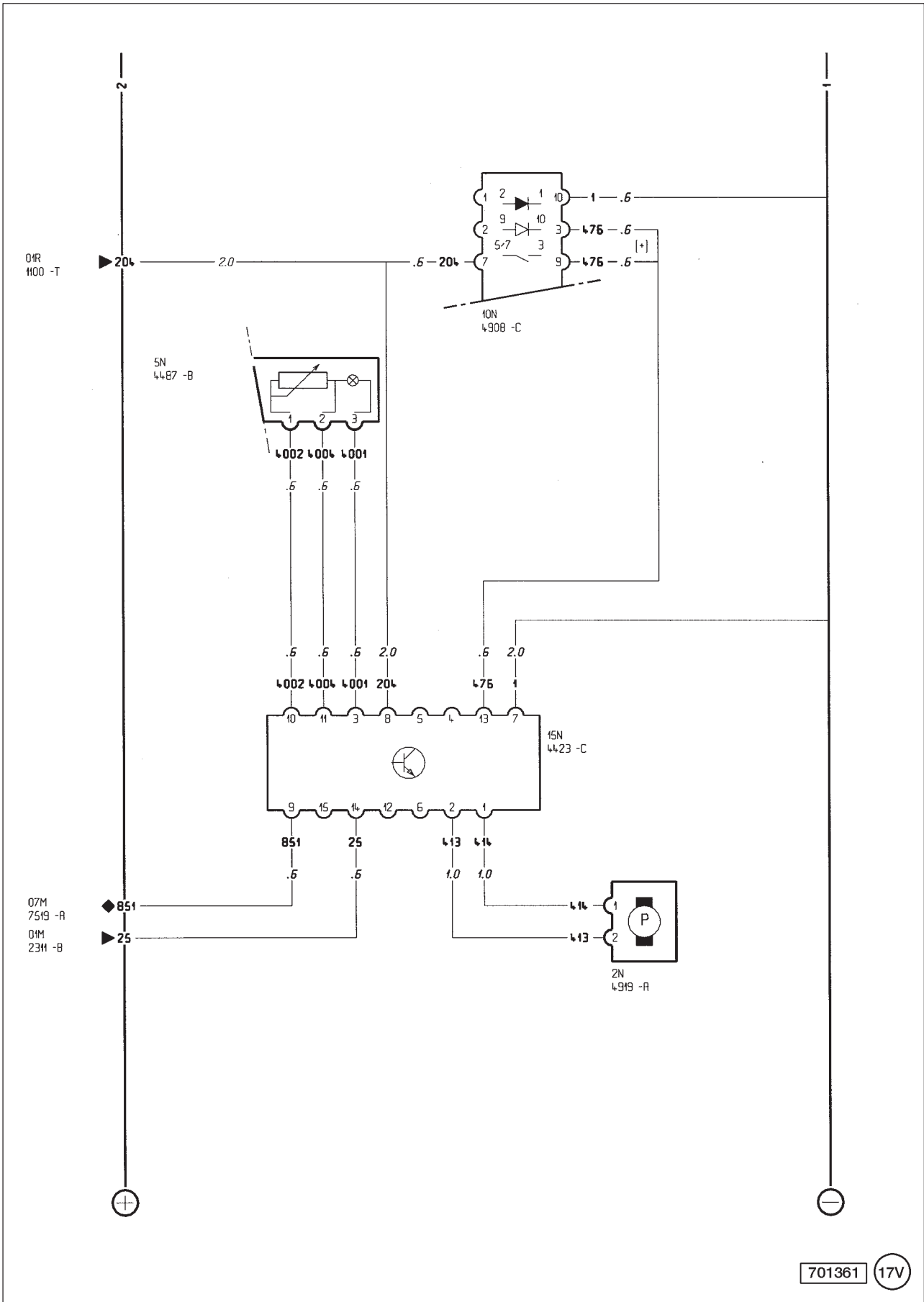
AIR CONDITIONING

Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
4459 – Electrical feeder plate to fan	(17S)	B2b
4511 – Air conditioning	(17S)	A4d/A3d
4512 – Air conditioning compressor	(17T)	B3d
4545 – Conditioned air relay	(17T)	B2c
4583 – Air conditioning compressor relay	(17T)	B2c
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
45142 – 3–level air conditioning pressure controller	(17T)	C1d



INDEPENDENT HEATING "AT 2000S" ADR

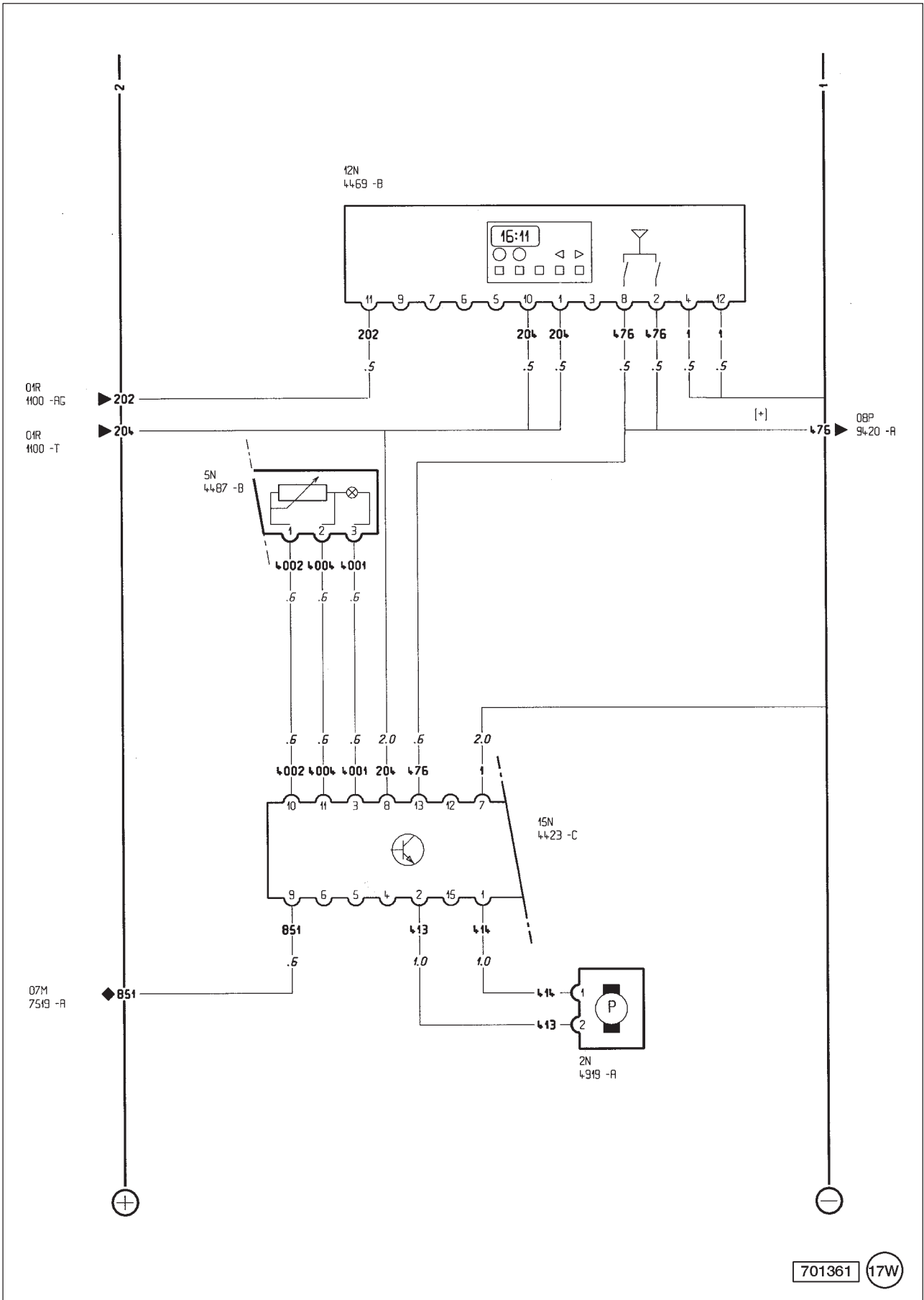
Appliance	Plate	Localisation
1100 – Fuse	–	–
2311 – Alternator	(01M)	B3d
4423 – Independent heater "D1LCC/D3LCC"	(17V/W)	C4d
4487 – Temperature variator	(17N/V/W)	B4a
4908 – Independent heater start-up control	(17V)	B2b
4919 – Fuel feed pump	(17V/W)	C4d
7519 – Diagnostics socket	(07M)	C3c



701361 17V

INDEPENDENT HEATING "AT 2000S"

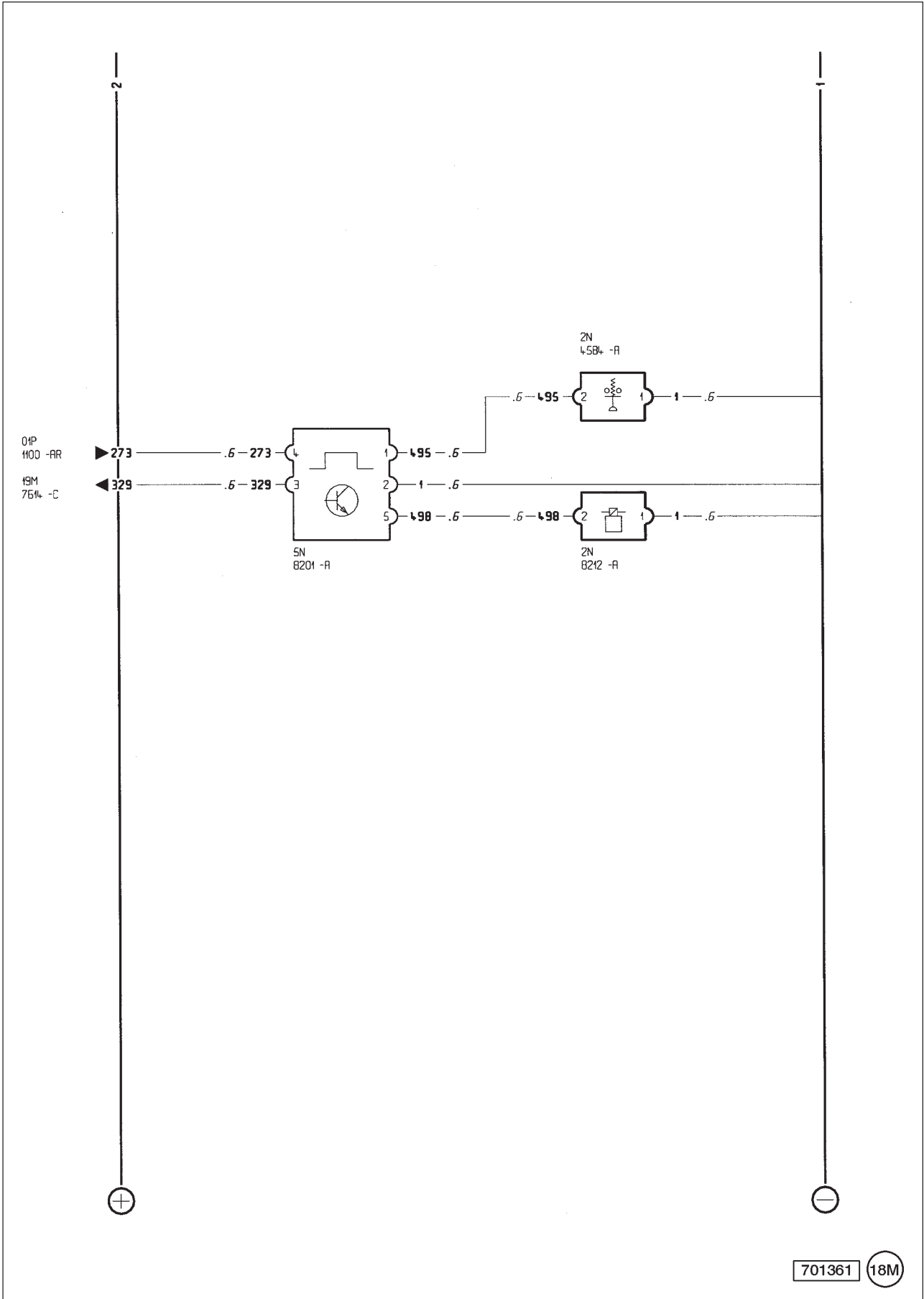
Appliance	Plate	Localisation
1100 – Fuse	–	–
4423 – Independent heater "D1LCC/D3LCC"	(17V/W)	C4d
4469 – Independent heater timer control	(17N/W)	B2b
4487 – Temperature variator	(17N/V/W)	B4a
4919 – Fuel feed pump	(17V/W)	C4d
7519 – Diagnostics socket	(07M)	C3c
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a



701361 (17W)

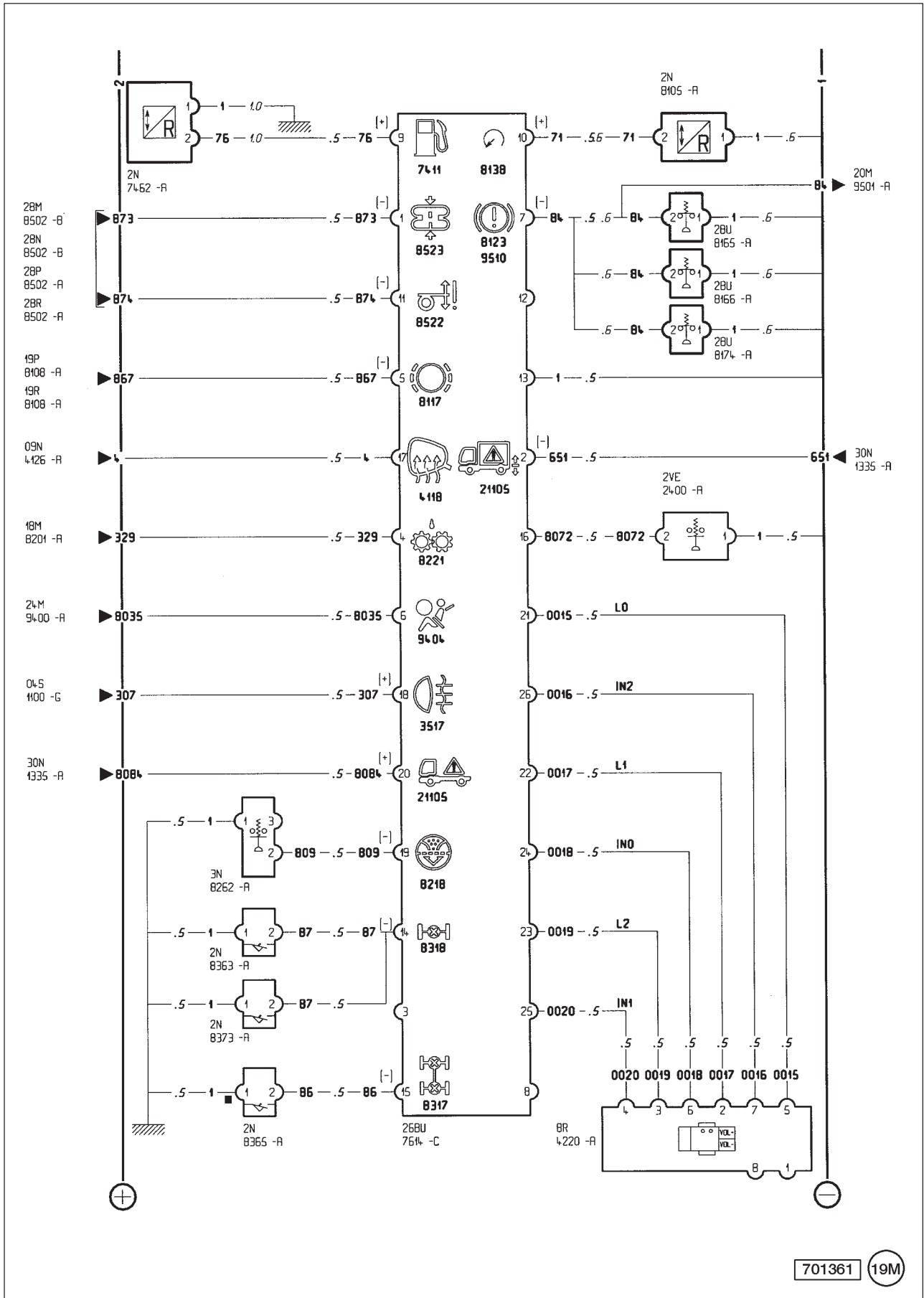
CENTRALIZED LUBRICATION

Appliance	Plate	Localisation
1100 – Fuse	–	–
4584 – Centralized lubrication pressure sensor	(18M)	B9d
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8201 – Centralized lubrication timer	(18M)	C2c
8212 – Centralized lubrication electrovalve	(18M)	B3c



PRINCIPAL DISPLAY

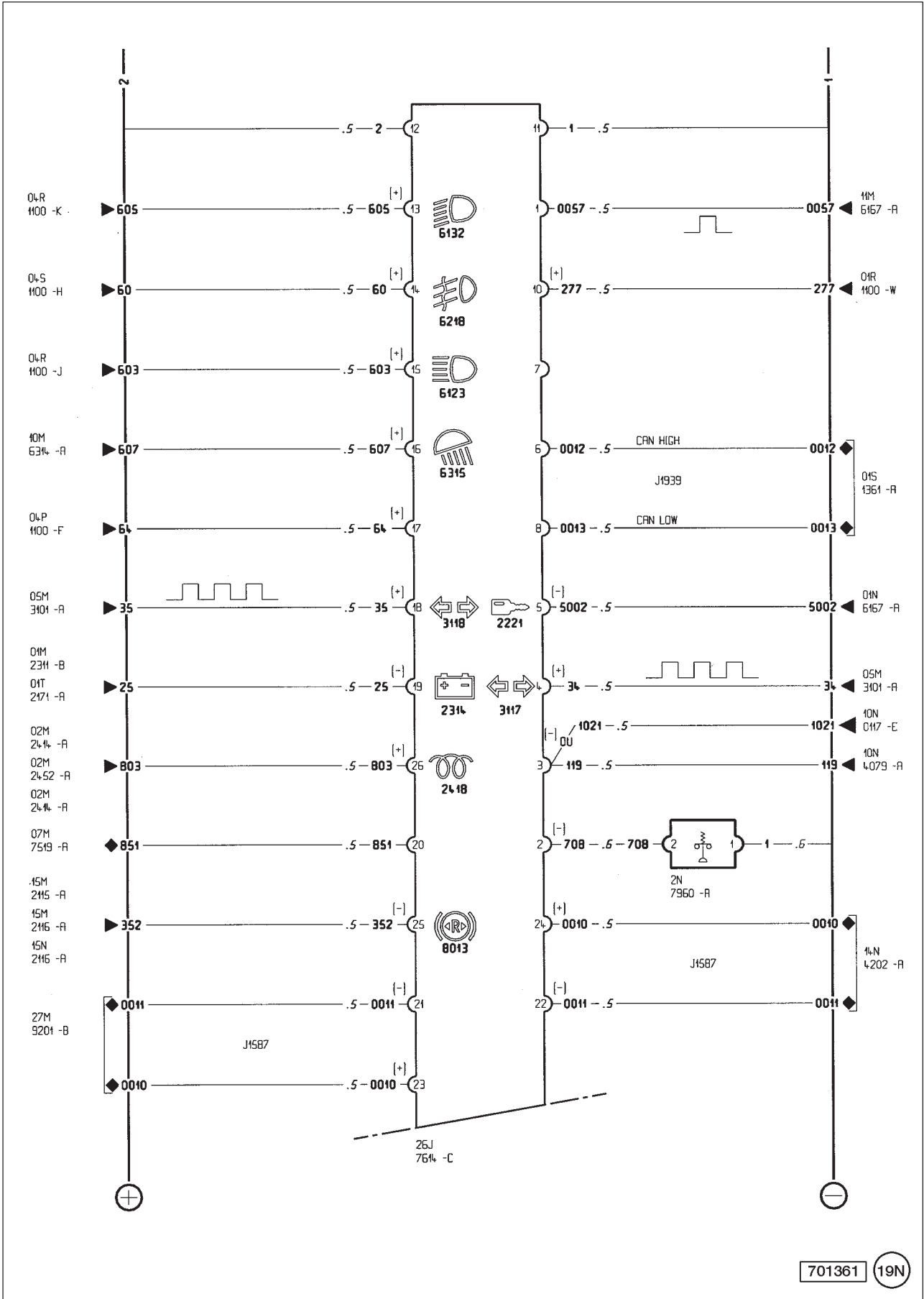
Appliance	Plate	Localisation
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
2400 – Fuel filter clogging pressure switch	(19M)	C5d
3517 – Fog light(s) warning lamp	(19M)	C2b
4118 – Defrosting rearview mirrors warning lamp	(19M)	C2b
4126 – Defrosting rearview mirrors relay	(09N)	B2c
4220 – Radio remote control	(19M)	C2b
7411 – Fuel level gauge	(19M)	C2b
7462 – Fuel level transmitter	(19M)	C6d
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8105 – Rear air pressure transmitter	(19M)	C2c
8108 – RH front brake pads wear switch sensor	(19P/R//20N)	A3d
8117 – Brake lining wear warning lamp	(19M)	B2b
8123 – Air pressure alert warning lamp	(19M)	C2b
8138 – Brakes air pressure gauge	(19M)	C2b
8165 – Rear brakes air pressure switch	(19M)	C2d
8166 – Front brakes air pressure switch	(19M)	C2d
8174 – Trailer and parking brakes air pressure switch	(19M)	C2d
8201 – Centralized lubrication timer	(18M)	C2c
8218 – Air filter clogging warning light	(19M)	B2b
8221 – Centralized lubrication warning lamp	(19M)	B2b
8262 – Air filter clogging	(19M)	A4d
8317 – Inter-axle differential lock warning lamp	(19M)	B2b
8318 – Inter-wheel differential lock warning lamp	(19M)	B2b
8363 – Rear drive axle inter-wheel differential lock switch	(19M)	B8d
8365 – Inter-axle differential lock switch	(19M)	B7d/B8d
8373 – Middle axle inter-wheel differential lock switch	(19M)	B7d
8502 – Suspension ECU	(28M/N/P/R)	A2b
8522 – Suspension information warning lamp	(19M)	B2b
8523 – Suspension alert warning lamp	(19M)	B2b
9400 – Airbag ECU	(24M)	C3c
9404 – Airbag test and defect “Information” tell-tale lamp	(19M)	B2b
9501 – “EBS” ECU	(003//004//20M)	B2b
9510 – Road train braking “Alert” warning lamp	(19M)	C2b
21105 – “Equipment in working position” alert warning lamp	(19M)	A9d



701361 (19M)

PRINCIPAL DISPLAY

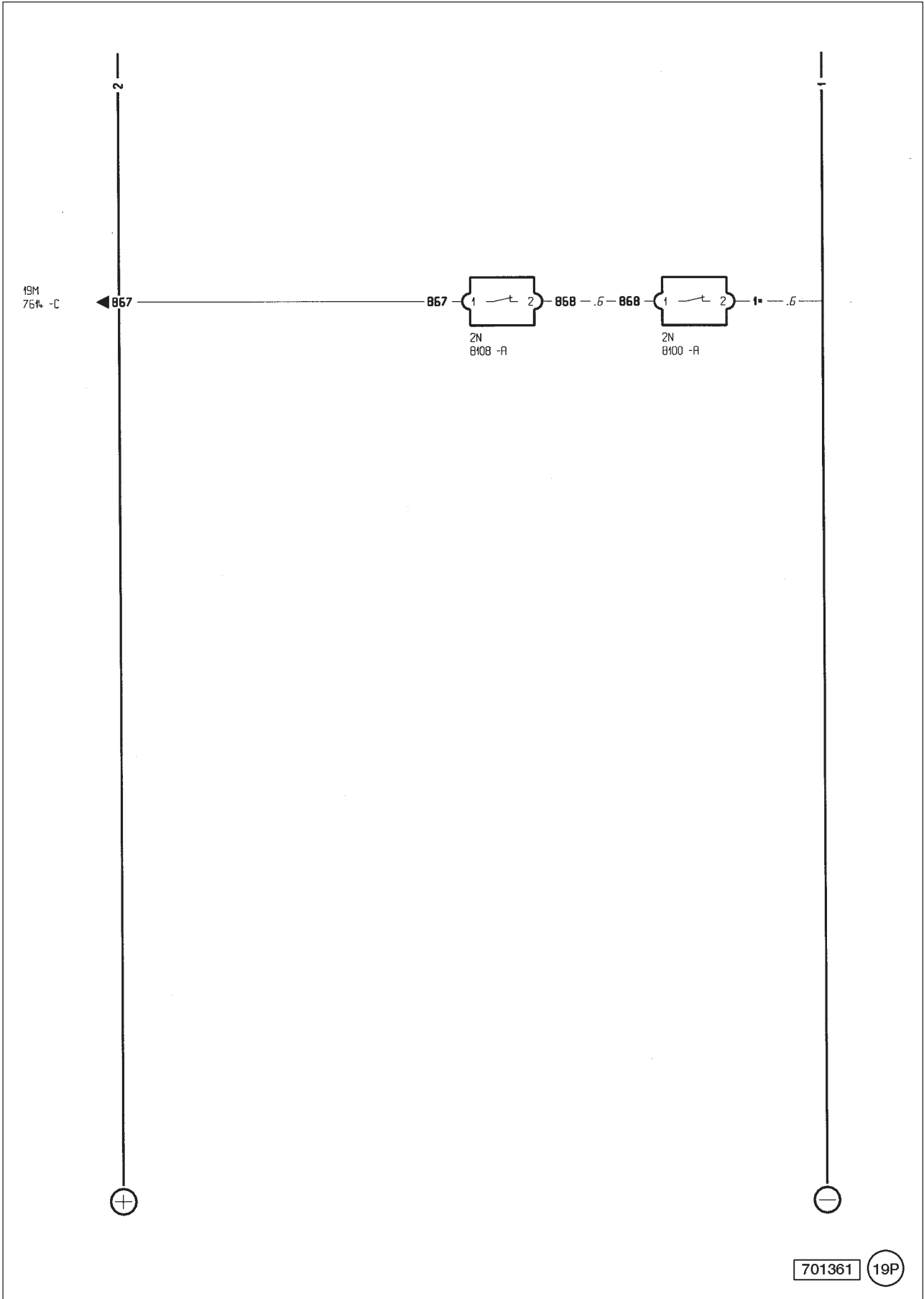
Appliance	Plate	Localisation
0117 – Protection diodes	(01P/R//04T//10N//17T)	B2c
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
1361 – Connecting strip	(003//004//01S)	B2c
2115 – Trailer socket, 7–pin type 24 S	(08R//15M)	B5d/B9d
2116 – Trailer socket, 7–pin type “EBS”	(15M/N)	B5d/B9d
2171 – ADR master switch	(01T)	A5d
2221 – Electronic anti–theft “Information” warning lamp	(19N)	B2b
2311 – Alternator	(01M)	B3d
2314 – Battery charge warning lamp	(19N)	C2b
2414 – Preheating relay	(02M)	B3d
2418 – Preheating warning lamp	(19N)	B2b
2452 – Preheating resistor N° 1	(02M)	B3d
3101 – Flasher unit	(05M//08R)	B2c
3117 – Rigid or tractor flasher repeater lamp	(19N)	C2b
3118 – Trailer flasher repeater lamp	(19N)	C2b
4079 – RH door switch	(10N)	A3c
4202 – Radio	(002//14N)	C2a
6123 – Main beam headlights warning lamp	(19N)	C2b
6132 – Dipped beam headlights warning lamp	(19N)	C2b
6167 – Steering column fingertip controls		
– anti–theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
6218 – Fog driving lights warning lamp	(19N)	B2b
6314 – Working spotlight (tractor)	(10M)	A5d
6315 – Working floodlight warning lamp	(19N)	B2b
7519 – Diagnostics socket	(07M)	C3c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
7960 – Self–tracking axle pressure switch	(19N)	C2c
8013 – Trailer ABS safety warning lamp	(19N)	B2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 (19N)

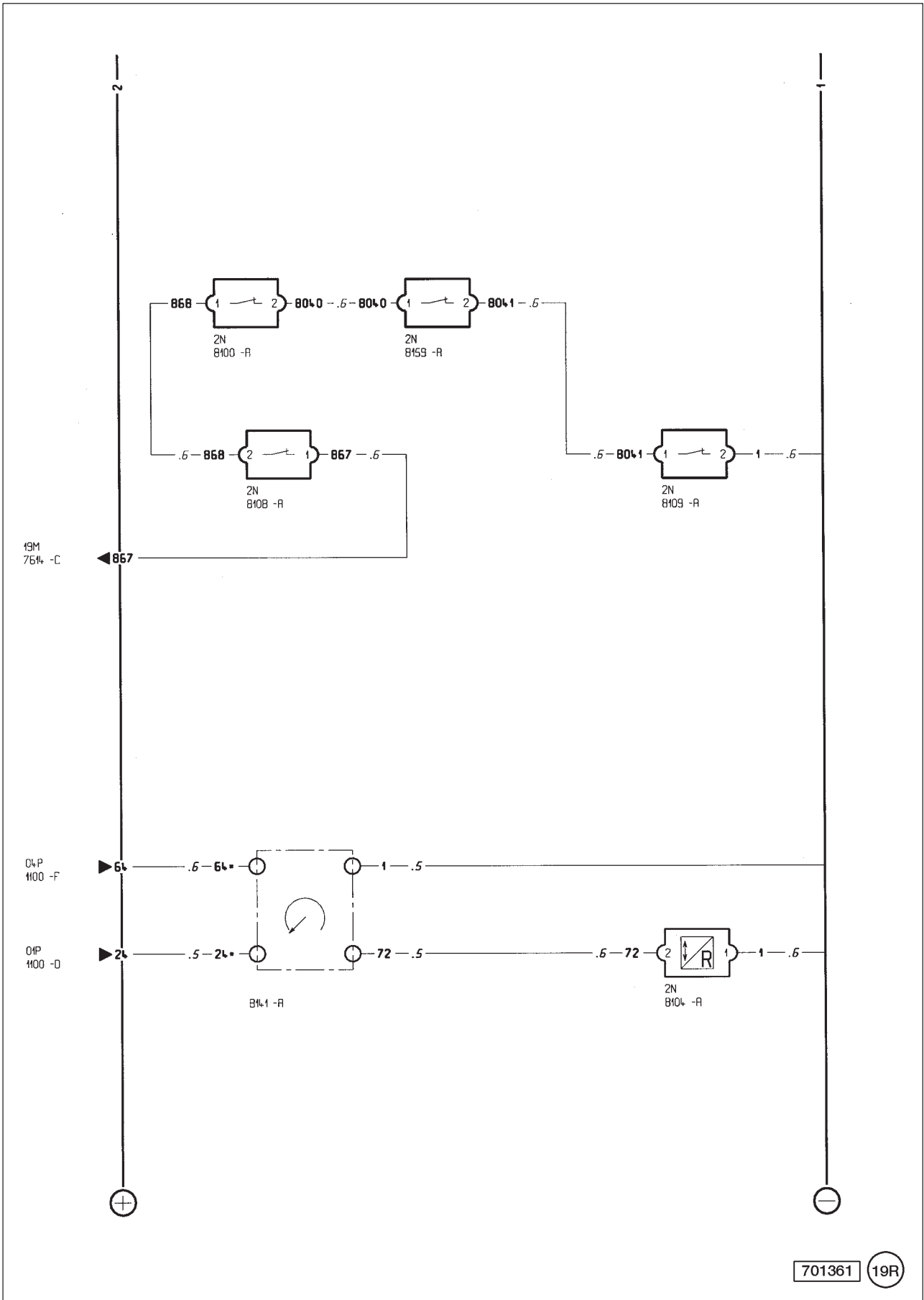
BRAKE PAD WEAR (2 discs)

Appliance	Plate	Localisation
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8100 – LH front brake pads wear switch sensor	(19P/R//20N)	C3d
8108 – RH front brake pads wear switch sensor	(19P/R//20N)	A3d



BRAKE PAD WEAR (4 discs)

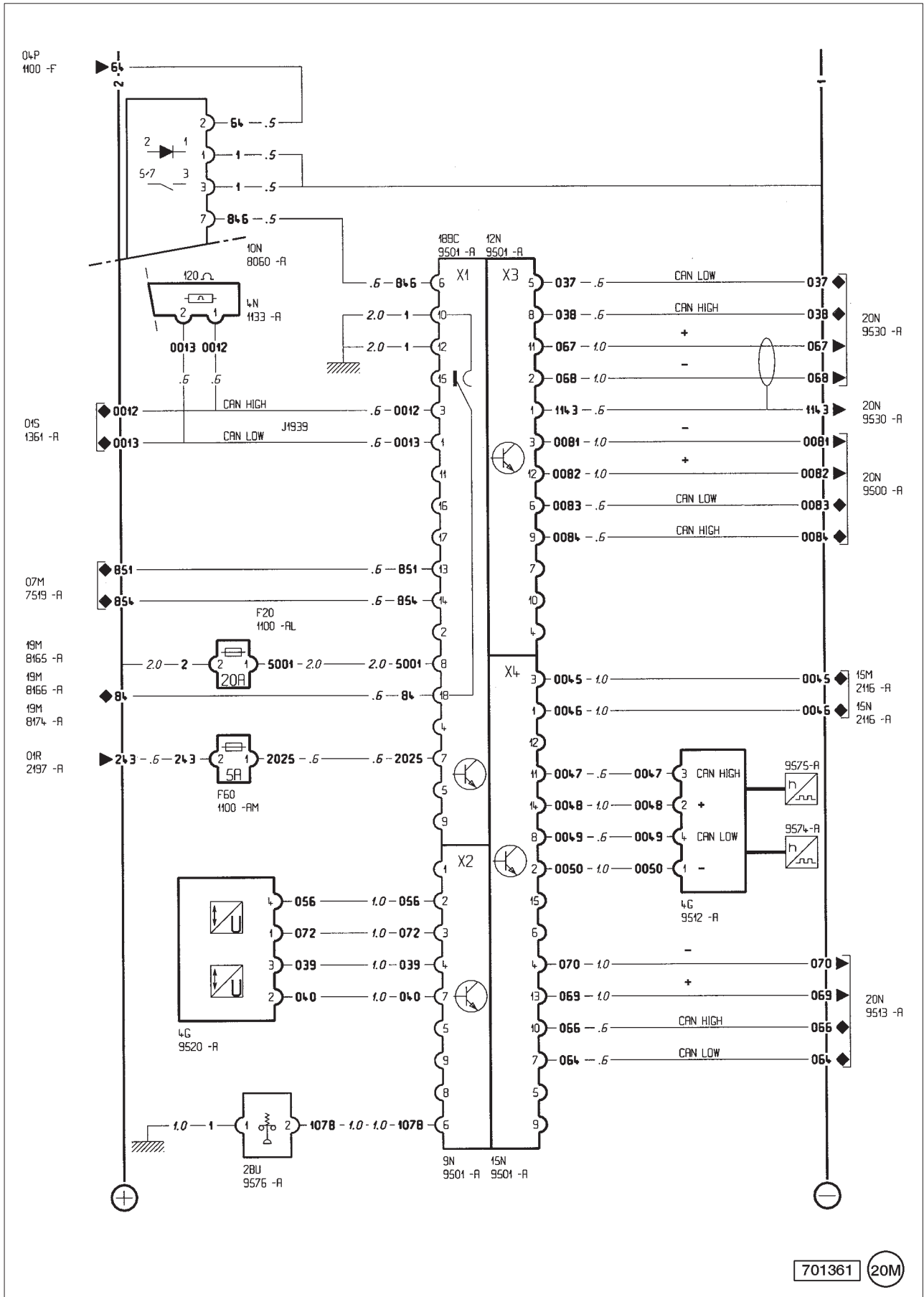
Appliance	Plate	Localisation
1100 – Fuse	–	–
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8100 – LH front brake pads wear switch sensor	(19P/R//20N)	C3d
8104 – Front air pressure transmitter	(19R)	C2c
8108 – RH front brake pads wear switch sensor	(19P/R//20N)	A3d
8109 – LH rear brake pads wear switch sensor	(19R//20N)	C7d
8141 – Front air pressure gauge	(19R)	C2a
8159 – RH rear brake pads wear switch sensor	(19R//20N)	A3d



701361 (19R)

EBS EQUIPMENT

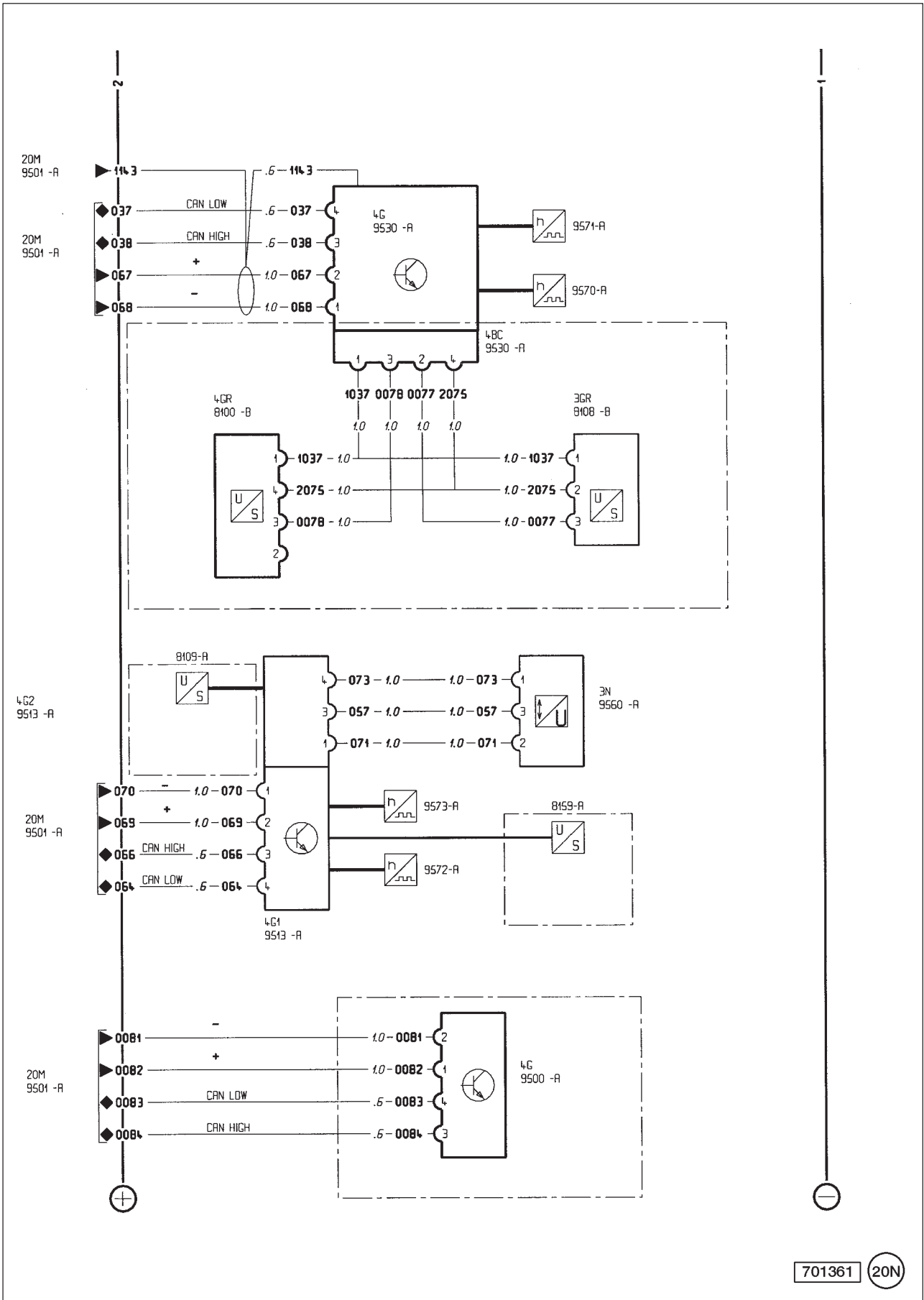
Appliance	Plate	Localisation
1100 – Fuse	–	–
1133 – Resistor	(20M)	A5d
1361 – Connecting strip	(003//004//01S)	B2c
2116 – Trailer socket, 7-pin type“EBS”	(15M/N)	B5d/B9d
2197 – After ignition power supply relay N° 2	(01R)	B2c
7519 – Diagnostics socket	(07M)	C3c
8060 – “ASR” control	(20M)	B2b
8165 – Rear brakes air pressure switch	(19M)	C2d
8166 – Front brakes air pressure switch	(19M)	C2d
8174 – Trailer and parking brakes air pressure switch	(19M)	C2d
9500 – “EBS” trailer module	(20N)	C2d
9501 – “EBS” ECU	(003//004//20M)	B2b
9512 – Rear module (front axle)	(20M)	B8d
9513 – “EBS” rear module (drive axle)	(20N)	B7b
9520 – Brake valve	(20M)	C1c
9530 – “EBS” Front module	(20N)	B2d
9574 – LH rear roadwheel speed sensor (front axle)	(20M)	C8d
9575 – RH rear roadwheel speed sensor (front axle)	(20M)	A8d
9576 – Parking pressure switch (air supply trip-off)	(20M)	C2d



701361 (20M)

EBS EQUIPMENT

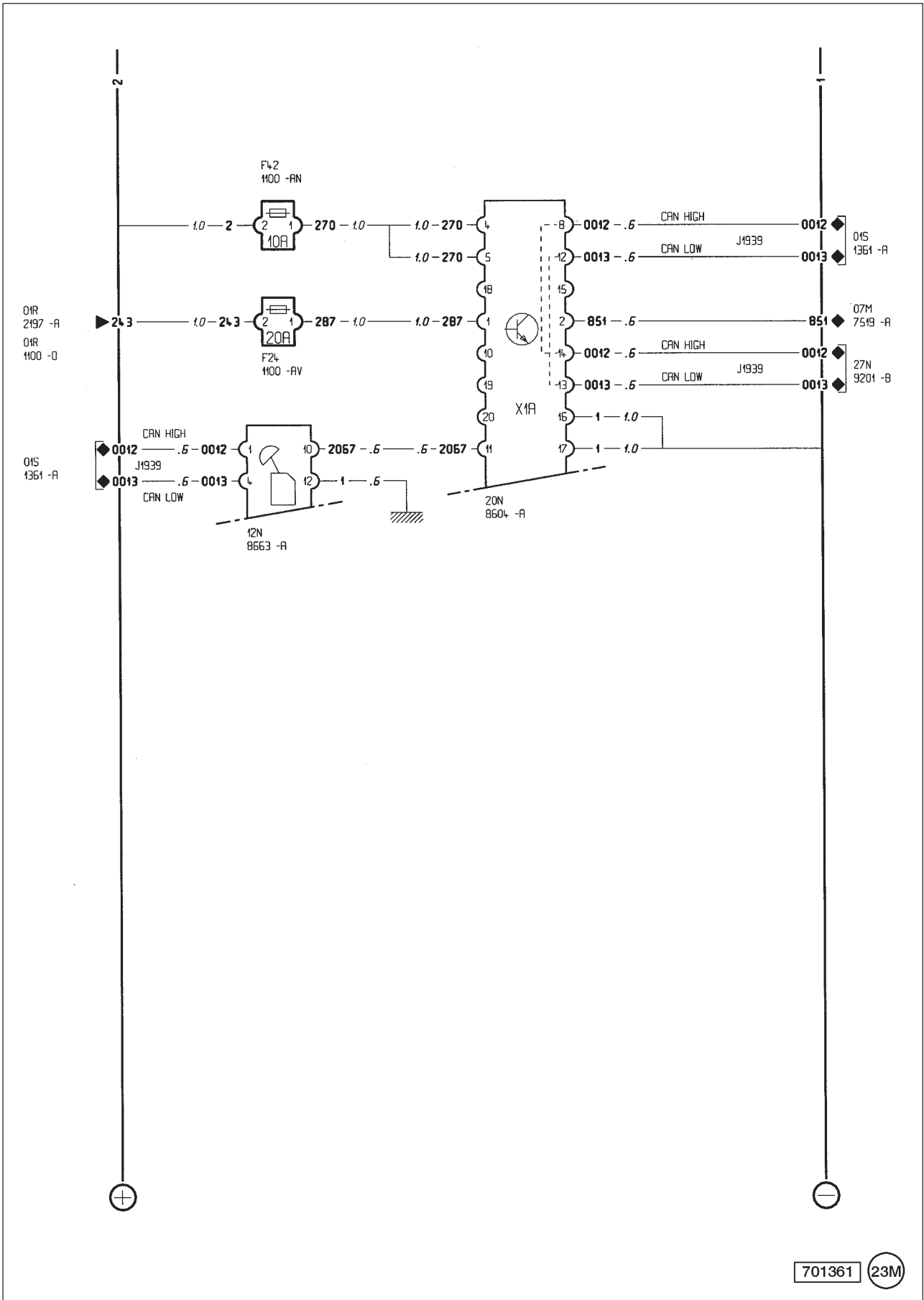
Appliance	Plate	Localisation
8100 – LH front brake pads wear switch sensor	(19P/R//20N)	C3d
8108 – RH front brake pads wear switch sensor	(19P/R//20N)	A3d
8109 – LH rear brake pads wear switch sensor	(19R//20N)	C7d
8159 – RH rear brake pads wear switch sensor	(19R//20N)	A3d
9500 – “EBS” trailer module	(20N)	C2d
9501 – “EBS” ECU	(003//004//20M)	B2b
9513 – “EBS” rear module (drive axle)	(20N)	B7b
9530 – “EBS” Front module	(20N)	B2d
9560 – “EBS” rear axle air springs pressure sensor	(20N)	B7d
9570 – LH front roadwheel speed sensor	(20N)	C3d
9571 – RH front roadwheel speed sensor	(20N)	A3d
9572 – LH rear roadwheel speed sensor (rear axle)	(20N)	C7d
9573 – RH rear roadwheel speed sensor (rear axle)	(20N)	A7d



701361 (20N)

“ASTRONIC” GEARBOX

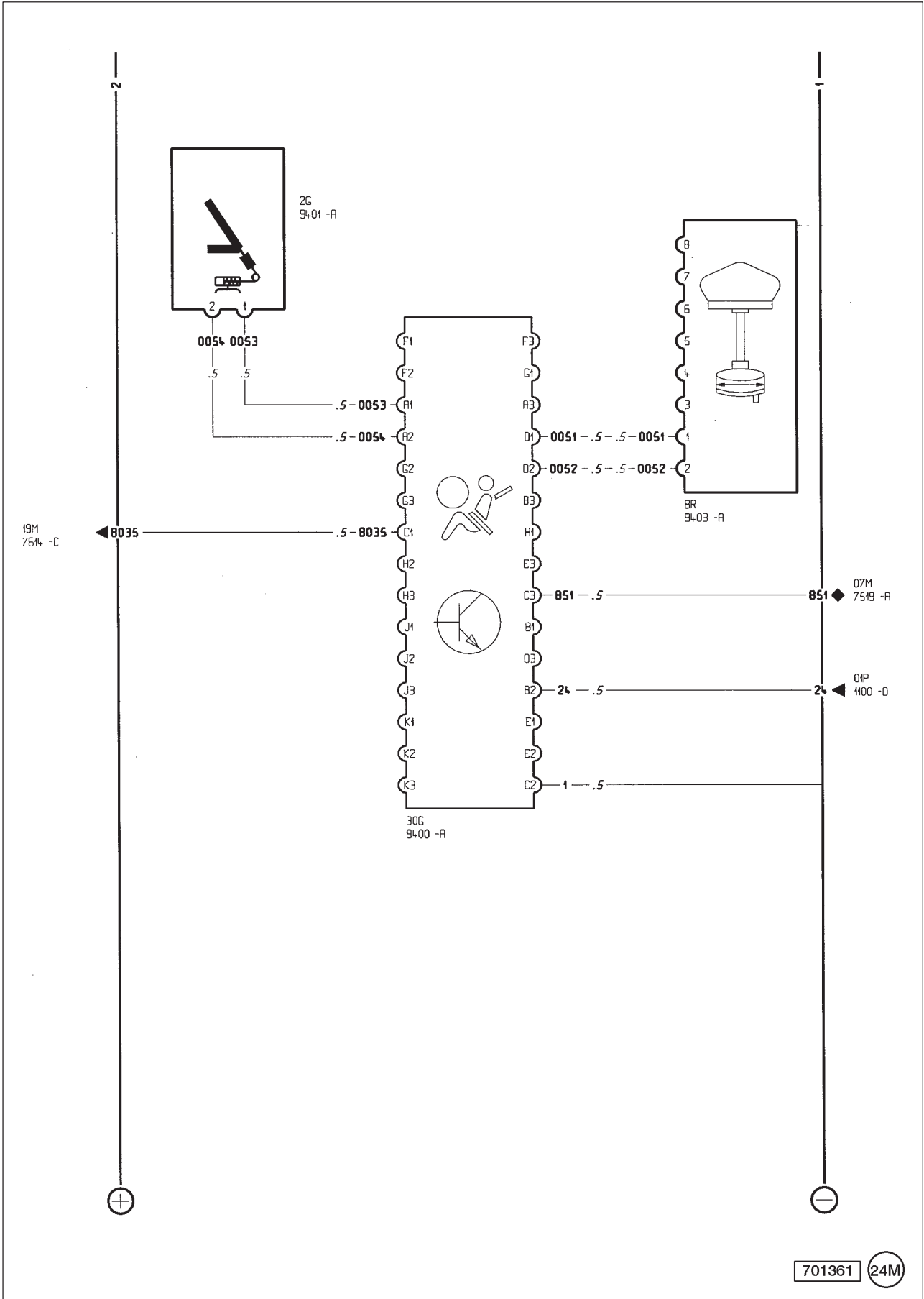
Appliance	Plate	Localisation
1100 – Fuse	–	–
1361 – Connecting strip	(003//004//01S)	B2c
2197 – After ignition power supply relay N° 2	(01R)	B2c
7519 – Diagnostics socket	(07M)	C3c
8604 – “ASTRONIC” ECU	(003//23M)	B5d
8663 – Gearbox control lever	(003//23M)	B3b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 (23M)

AIRBAG

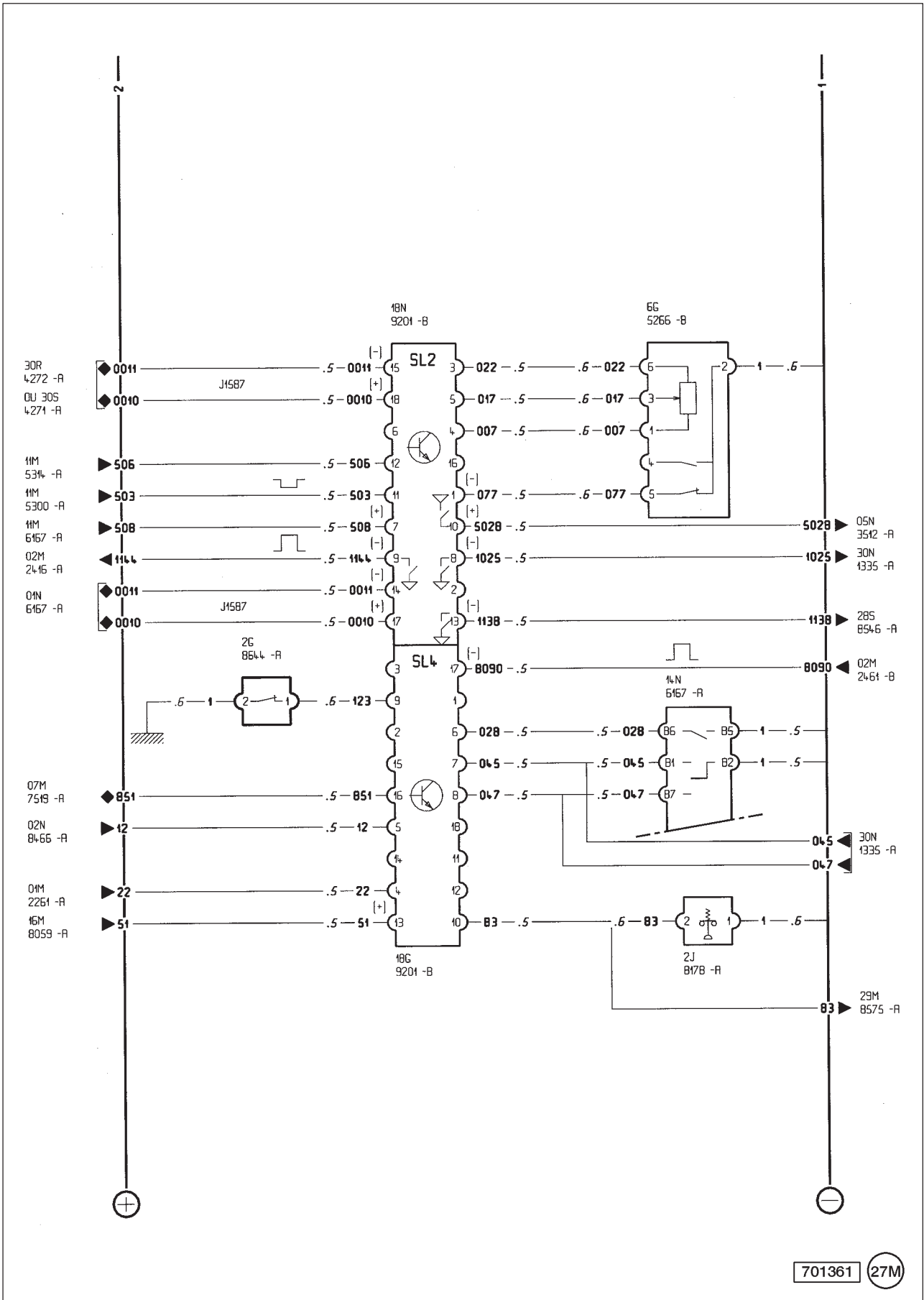
Appliance	Plate	Localisation
1100 – Fuse	–	–
7519 – Diagnostics socket	(07M)	C3c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9400 – Airbag ECU	(24M)	C3c
9401 – Driver's seat belt pretensioner	(24M)	C3c
9403 – Airbag rotary switch	(24M)	C2a



701361 (24M)

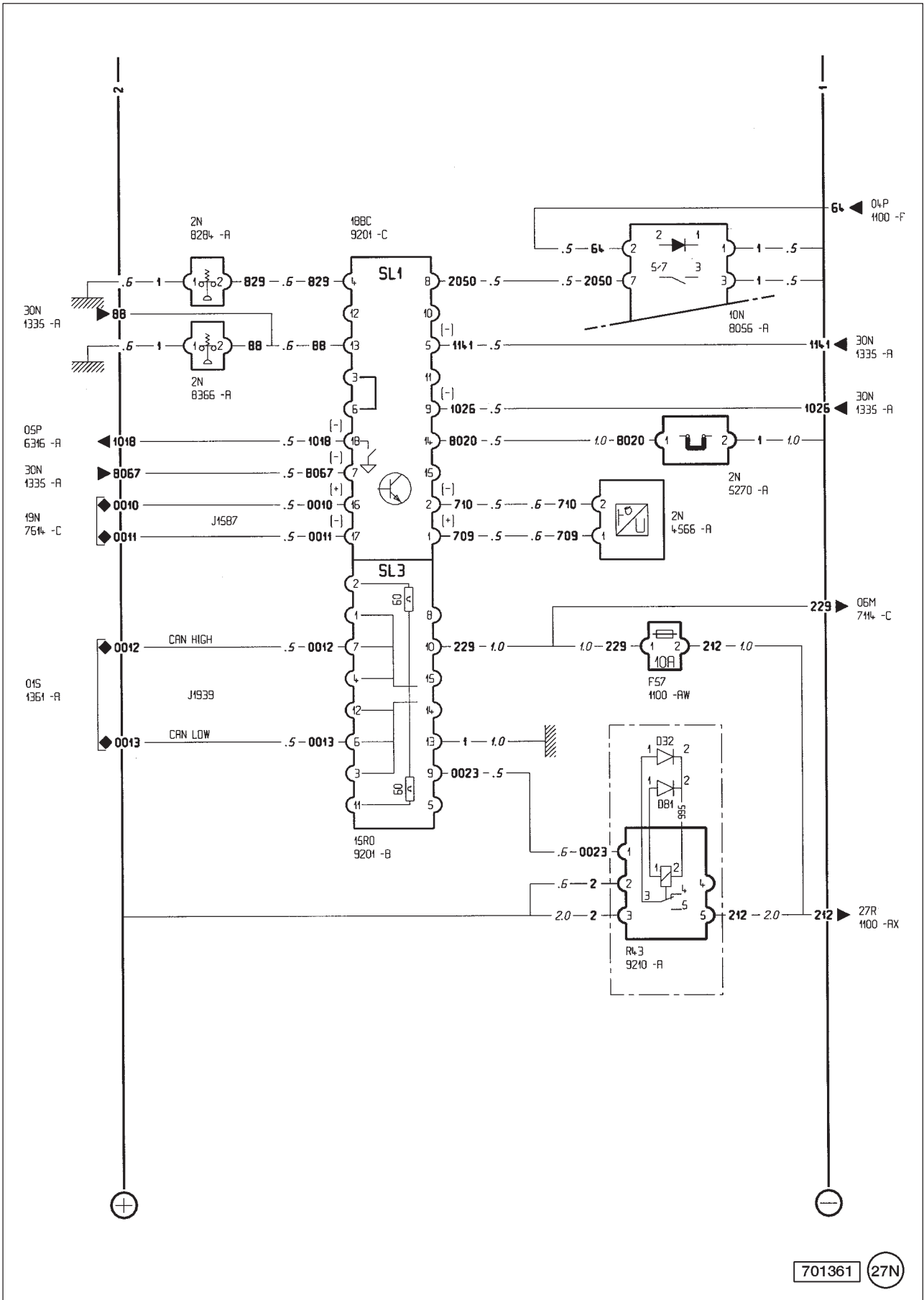
VEHICLE MASTER ECU

Appliance	Plate	Localisation
1335 – Bodybuilder available power supplies connector	(30N)	C5d
2261 – Steering lock and starting control	(01M/N//08R)	C2b
2416 – Preheating relay N°2	(02M)	B3d
2461 – Engine preheating control	(02M)	C2c
3512 – Stop lights relay	(05N)	B2c
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
5266 – Accelerator pedal position sensor	(27M)	C2c
5300 – Windscreen wiper relay	(11M)	B2c
5314 – Windscreen wash pump	(11M)	A5d
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
7519 – Diagnostics socket	(07M)	C3c
8059 – Electric or hydraulic retardation control	(16M/N/P)	C2d
8178 – Parking brake indicator air pressure switch	(27M)	C2d
8466 – Neutral switch	(02N)	B5d
8546 – Self-tracking axle safety relay	(28S)	A2c
8575 – Cab tilting control	(29M)	A5d
8644 – Clutch switch	(27M)	C2c
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



VEHICLE MASTER ECU

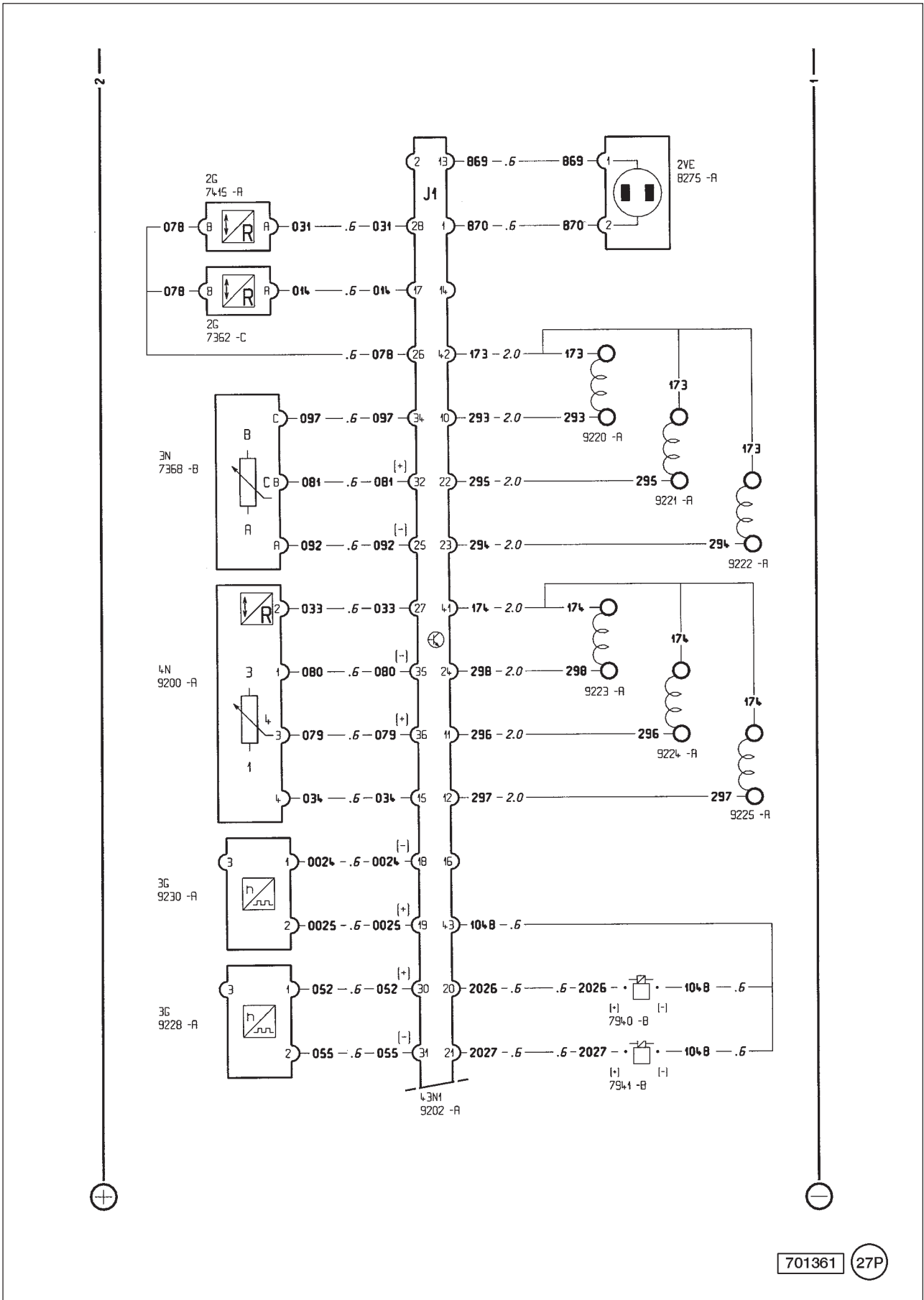
Appliance	Plate	Localisation
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
1361 – Connecting strip	(003//004//01S)	B2c
4566 – External temperature sensor	(27N)	C1d
5270 – Limited speed shunt for export	(27N)	B2b
6316 – Reversing lights relay	(05P)	B2c
7114 – Electronic tachograph	(003//004//06M)	B2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8056 – Brake pedal retarder coupling control	(27N)	B2b
8284 – Servo–steering oil pressure switch	(27N)	C2d
8366 – Power take–off switch	(27N)	B5d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b
9210 – “VECU / EECU” ECU power supply relay	(27N)	B2c



701361 (27N)

ENGINE MASTER ECU

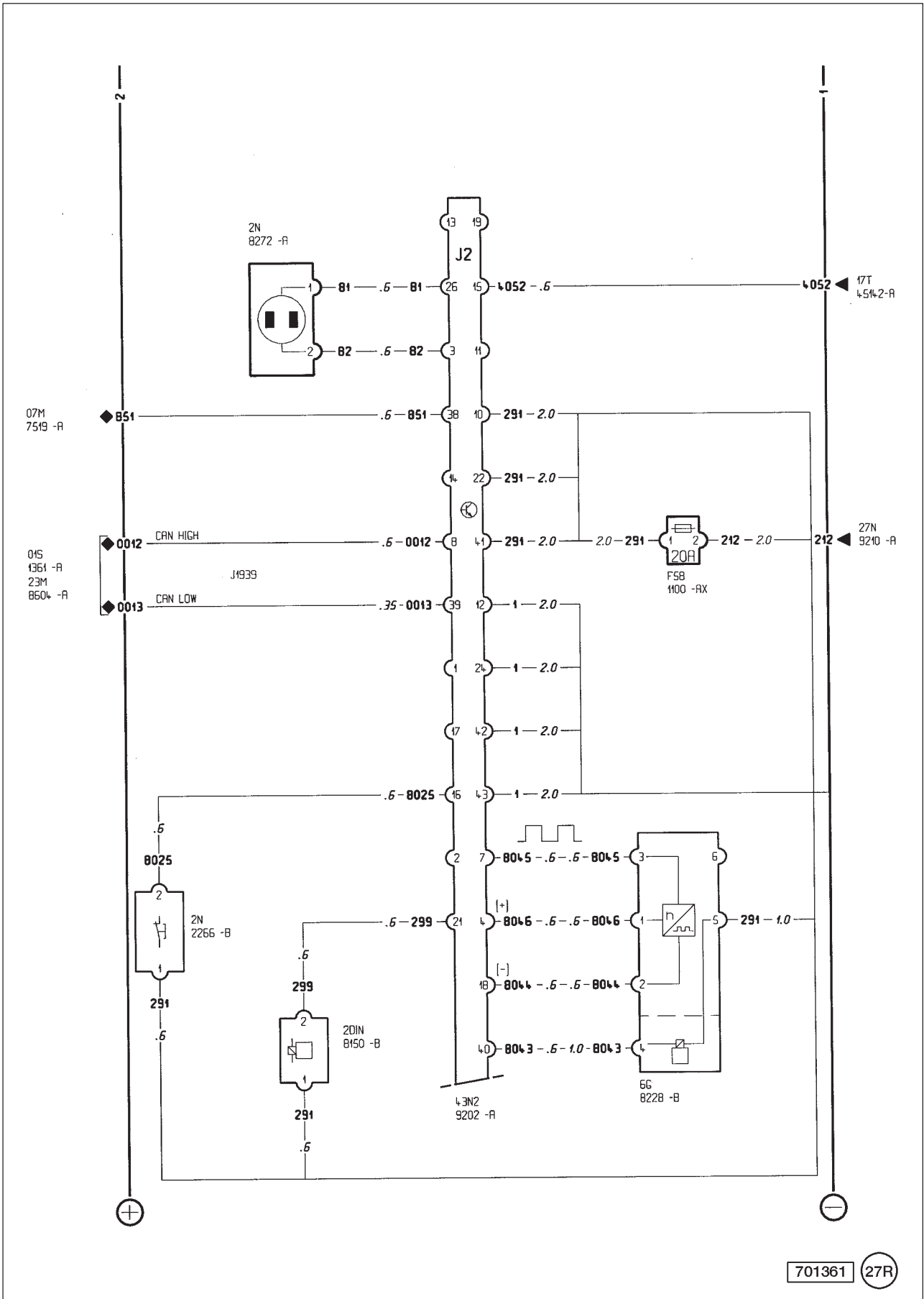
Appliance	Plate	Localisation
7362 – Coolant temperature sensor	(27P)	B3d
7368 – Oil pressure sensor	(27P)	B3d
7415 – Fuel temperature sensor	(27P)	B3d
7940 – Jake brake solenoid valve N° 1	(27P)	B3d
7941 – Jake brake solenoid valve N° 2	(27P)	B3d
8275 – Engine oil level sensor	(27P)	B3d
9200 – Boost air pressure and temperature sensor	(27P)	B3d
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9220 – Unit pump N° 1 incorporating solenoid valve	(27P)	B3d
9221 – Unit pump N° 2 incorporating solenoid valve	(27P)	B3d
9222 – Unit pump N° 3 incorporating solenoid valve	(27P)	B3d
9223 – Unit pump N° 4 incorporating solenoid valve	(27P)	B3d
9224 – Unit pump N° 5 incorporating solenoid valve	(27P)	B4d
9225 – Unit pump N° 6 incorporating solenoid valve	(27P)	B4d
9228 – Flywheel speed sensor	(27P)	B4d
9230 – Camshaft speed sensor	(27P)	B3d



701361 (27P)

ENGINE MASTER ECU

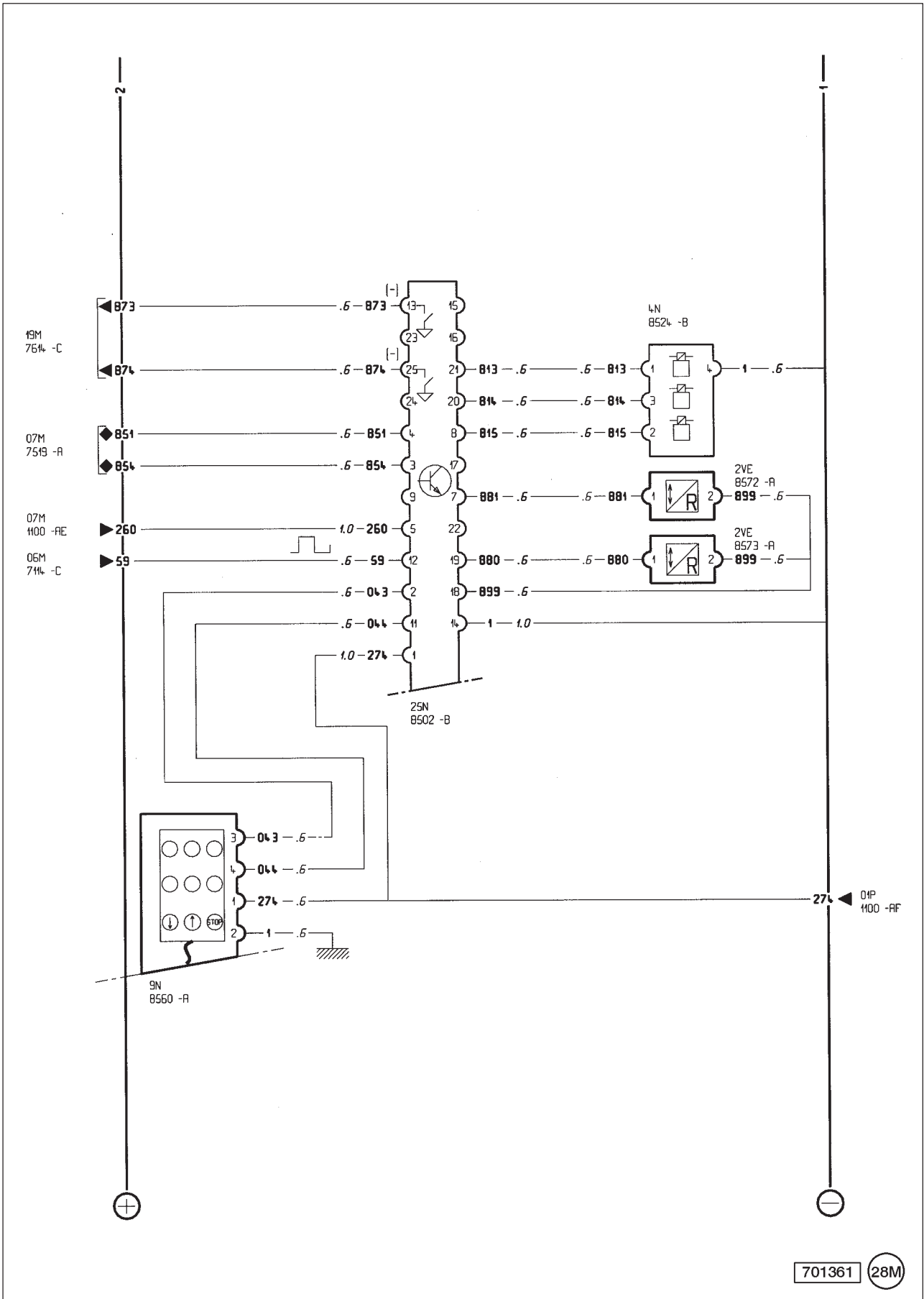
Appliance	Plate	Localisation
1100 – Fuse	–	–
1361 – Connecting strip	(003//004//01S)	B2c
2266 – Engine stop control (cab tilted)	(27R)	B3d
7519 – Diagnostics socket	(07M)	C3c
8150 – Exhaust brake electrovalve	(27R)	C2d
8228 – Declutching fan	(27R)	B1d
8272 – Water level sensor	(27R)	C1d
8604 – “ASTRONIC” ECU	(003//23M)	B5d
9202 – Engine master ECU (EECU)	(003//004//27P/R)	C3d
9210 – “VECU / EECU” ECU power supply relay	(27N)	B2c
45142 – 3–level air conditioning pressure controller	(17T)	C1d



701361 (27R)

VEHICLE SUSPENSION (303 – 4x2 rear)

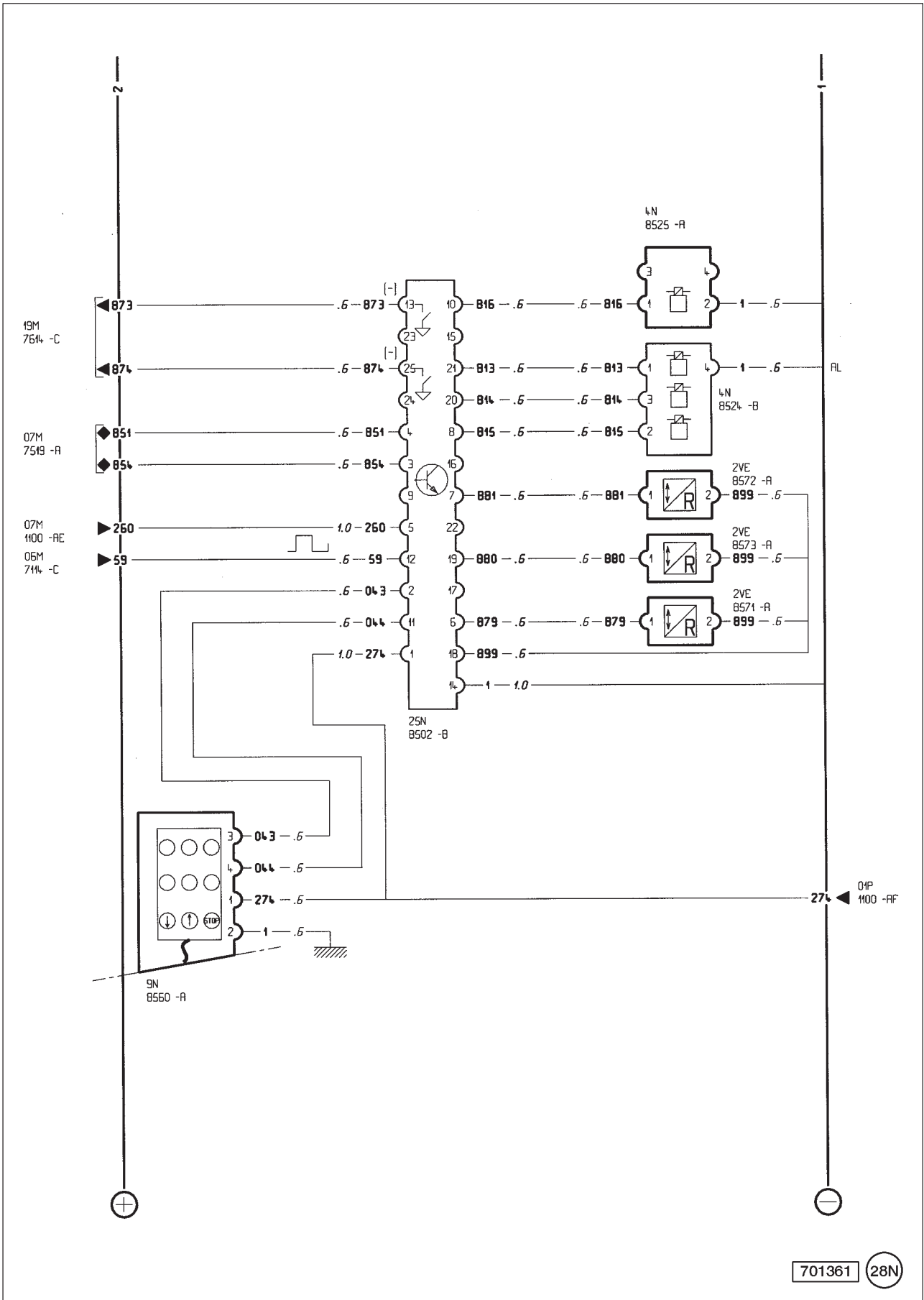
Appliance	Plate	Localisation
1100 – Fuse	–	–
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8502 – Suspension ECU	(28M/N/P/R)	A2b
8524 – Rear suspension electrovalve block	(28M/N/P/R)	B7d/B8d
8560 – Remote control box	(28M/N/P/R)	C3c
8572 – Suspension level RH rear sensor	(28M/N/P/R)	A7d
8573 – Suspension level LH rear sensor	(28M/N/P/R)	C7d



701361 (28M)

VEHICLE SUSPENSION (303 – 4x2 integral)

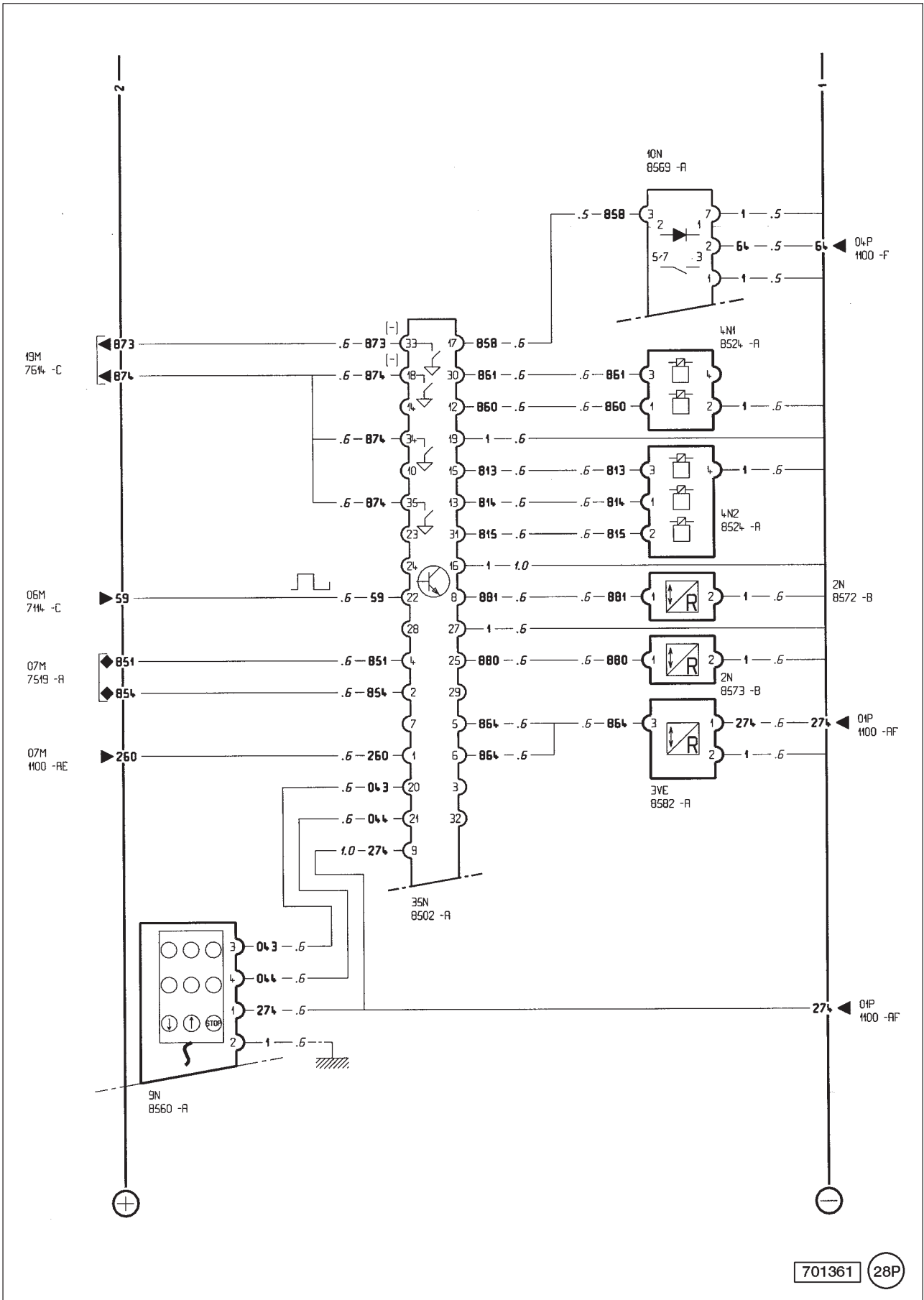
Appliance	Plate	Localisation
1100 – Fuse	–	–
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8502 – Suspension ECU	(28M/N/P/R)	A2b
8524 – Rear suspension electrovalve block	(28M/N/P/R)	B7d/B8d
8525 – Front suspension electrovalve block	(28N/R)	C4d
8560 – Remote control box	(28M/N/P/R)	C3c
8571 – Front suspension level sensor	(28N/R)	A3d
8572 – Suspension level RH rear sensor	(28M/N/P/R)	A7d
8573 – Suspension level LH rear sensor	(28M/N/P/R)	C7d



701361 (28N)

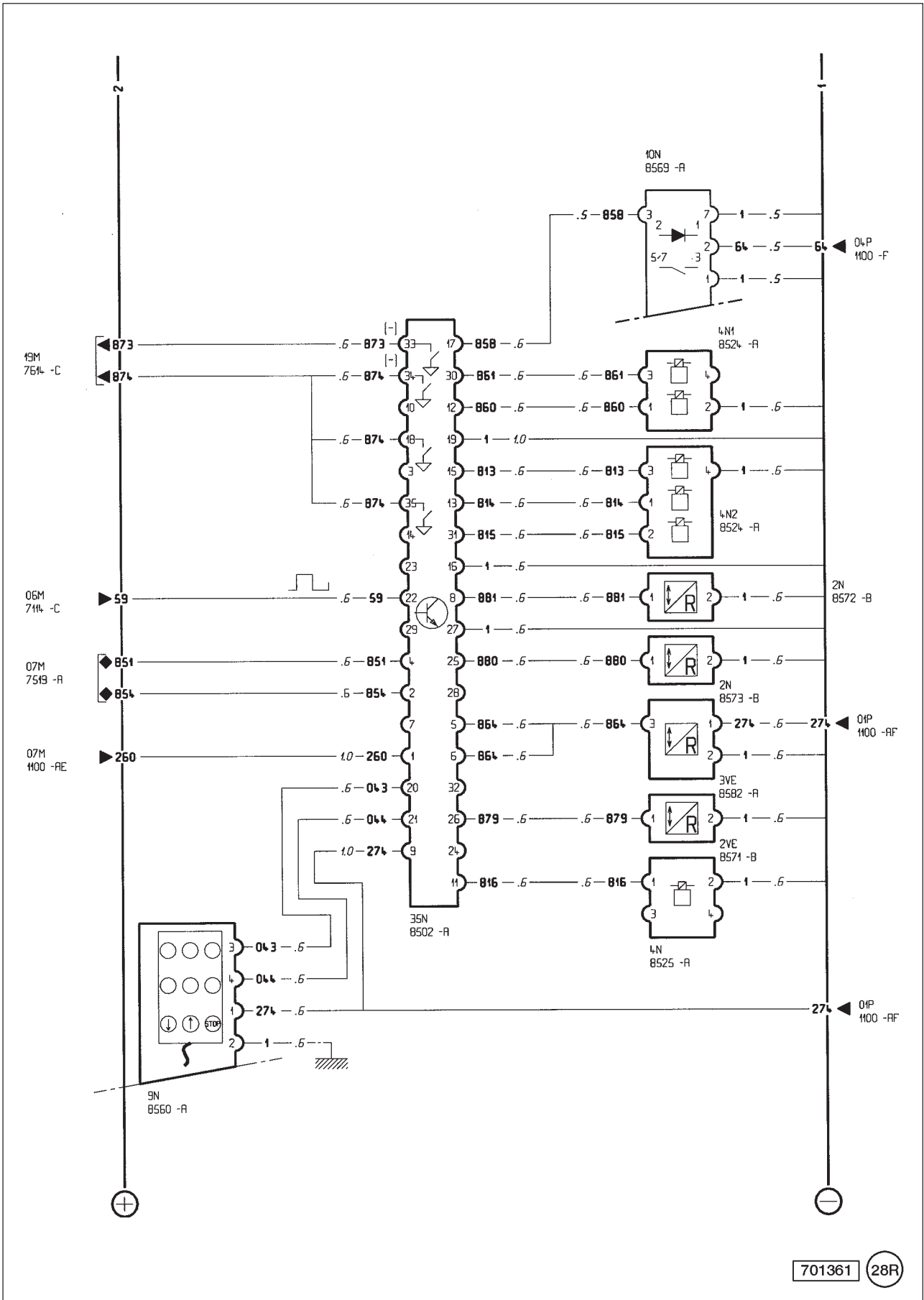
VEHICLE SUSPENSION (044 – 6x2 rear)

Appliance	Plate	Localisation
1100 – Fuse	–	–
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8502 – Suspension ECU	(28M/N/P/R)	A2b
8524 – Rear suspension electrovalve block	(28M/N/P/R)	B7d/B8d
8560 – Remote control box	(28M/N/P/R)	C3c
8569 – Lift-up axle load shedding control	(28P/R)	B2b
8572 – Suspension level RH rear sensor	(28M/N/P/R)	A7d
8573 – Suspension level LH rear sensor	(28M/N/P/R)	C7d
8582 – Rear axle air springs pressure sensor	(28P/R)	B8d



VEHICLE SUSPENSION (044 – 6x2 integral)

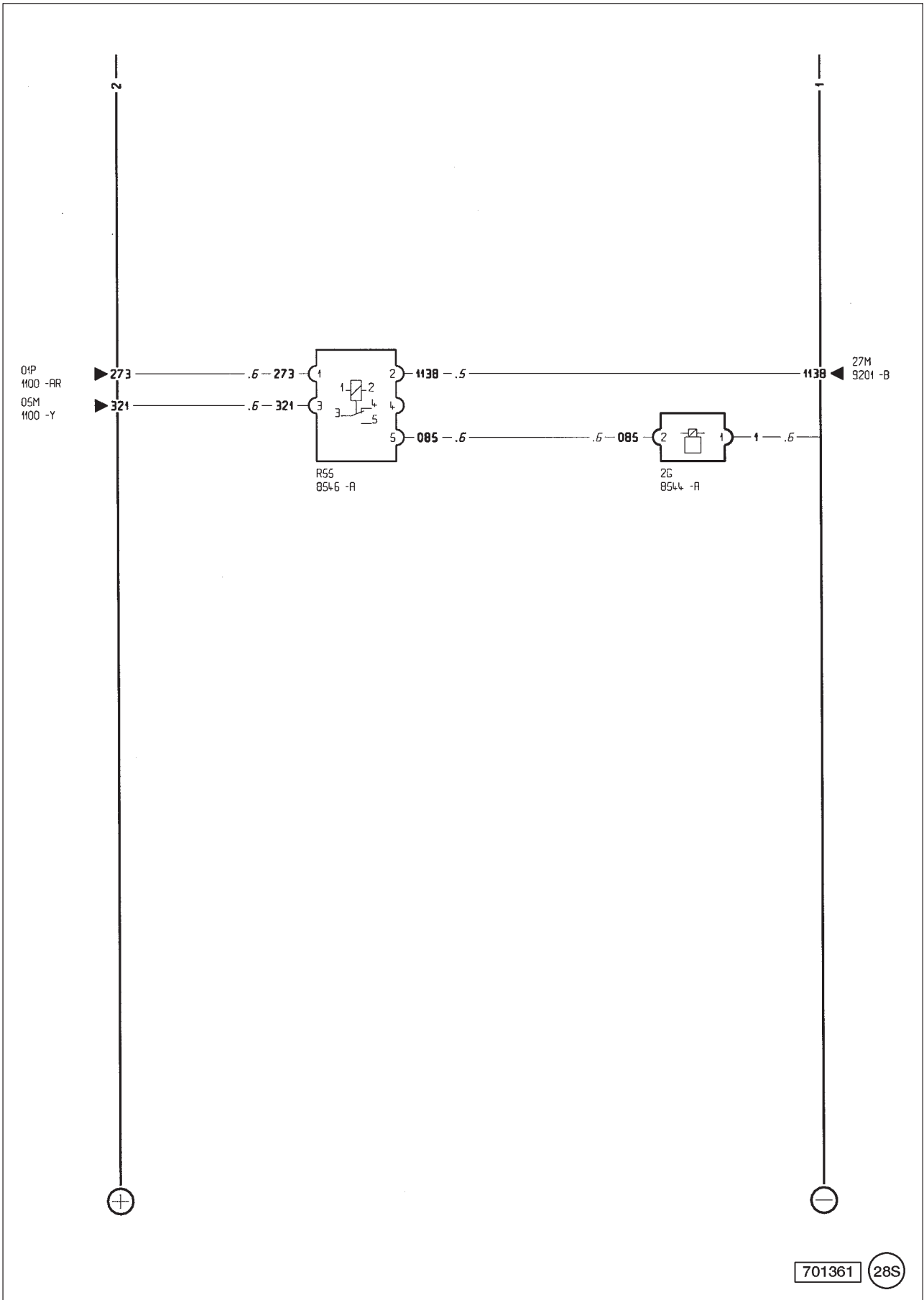
Appliance	Plate	Localisation
1100 – Fuse	–	–
7114 – Electronic tachograph	(003//004//06M)	B2b
7519 – Diagnostics socket	(07M)	C3c
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
8502 – Suspension ECU	(28M/N/P/R)	A2b
8524 – Rear suspension electrovalve block	(28M/N/P/R)	B7d/B8d
8525 – Front suspension electrovalve block	(28N/R)	C4d
8560 – Remote control box	(28M/N/P/R)	C3c
8569 – Lift-up axle load shedding control	(28P/R)	B2b
8571 – Front suspension level sensor	(28N/R)	A3d
8572 – Suspension level RH rear sensor	(28M/N/P/R)	A7d
8573 – Suspension level LH rear sensor	(28M/N/P/R)	C7d
8582 – Rear axle air springs pressure sensor	(28P/R)	B8d



701361 (28R)

SELF-TRACKING AXLE

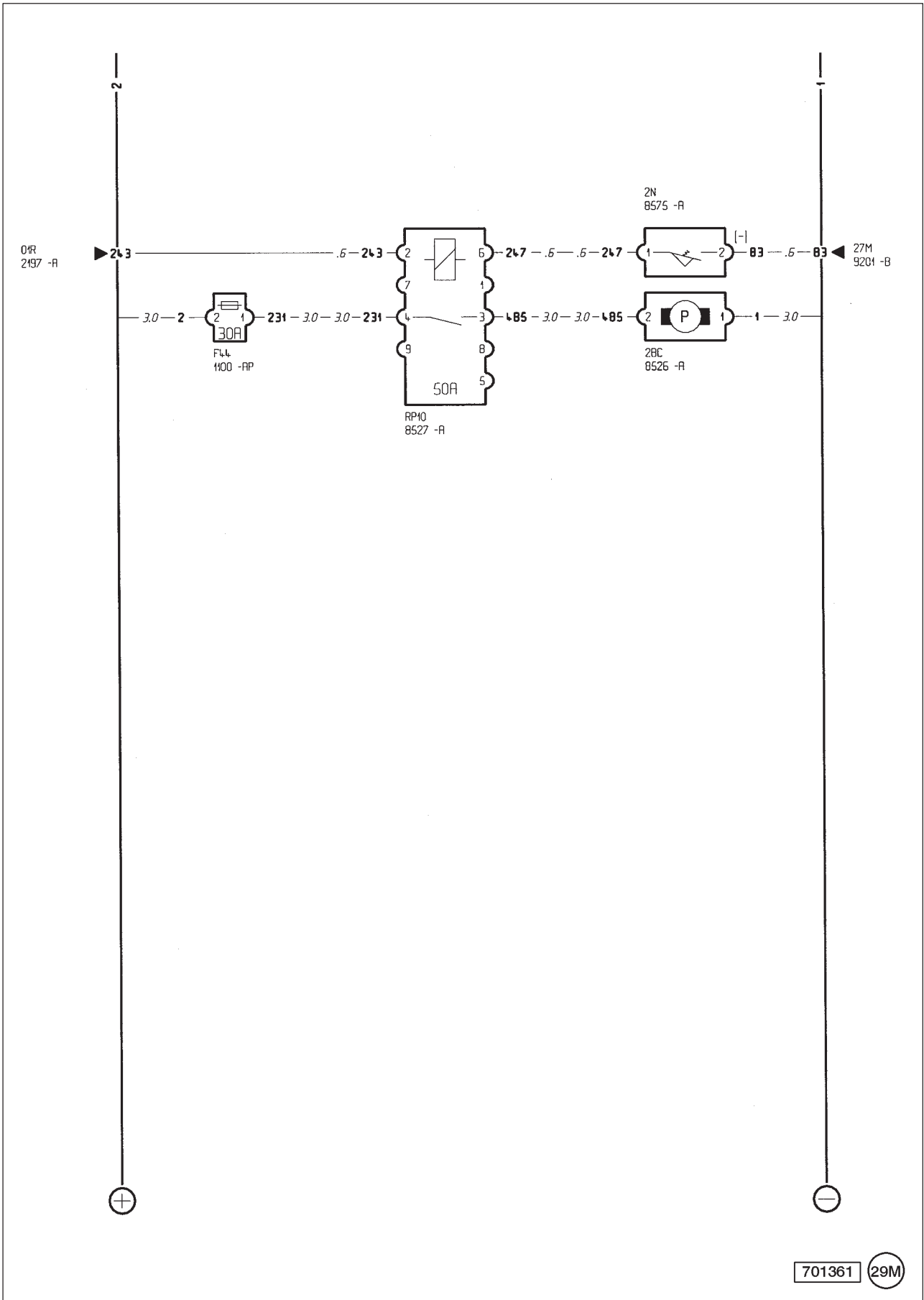
Appliance	Plate	Localisation
1100 – Fuse	–	–
8544 – Self-tracking axle electrovalve	(28S)	C2d
8546 – Self-tracking axle safety relay	(28S)	A2c
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 28S

CAB TILT MECHANISM

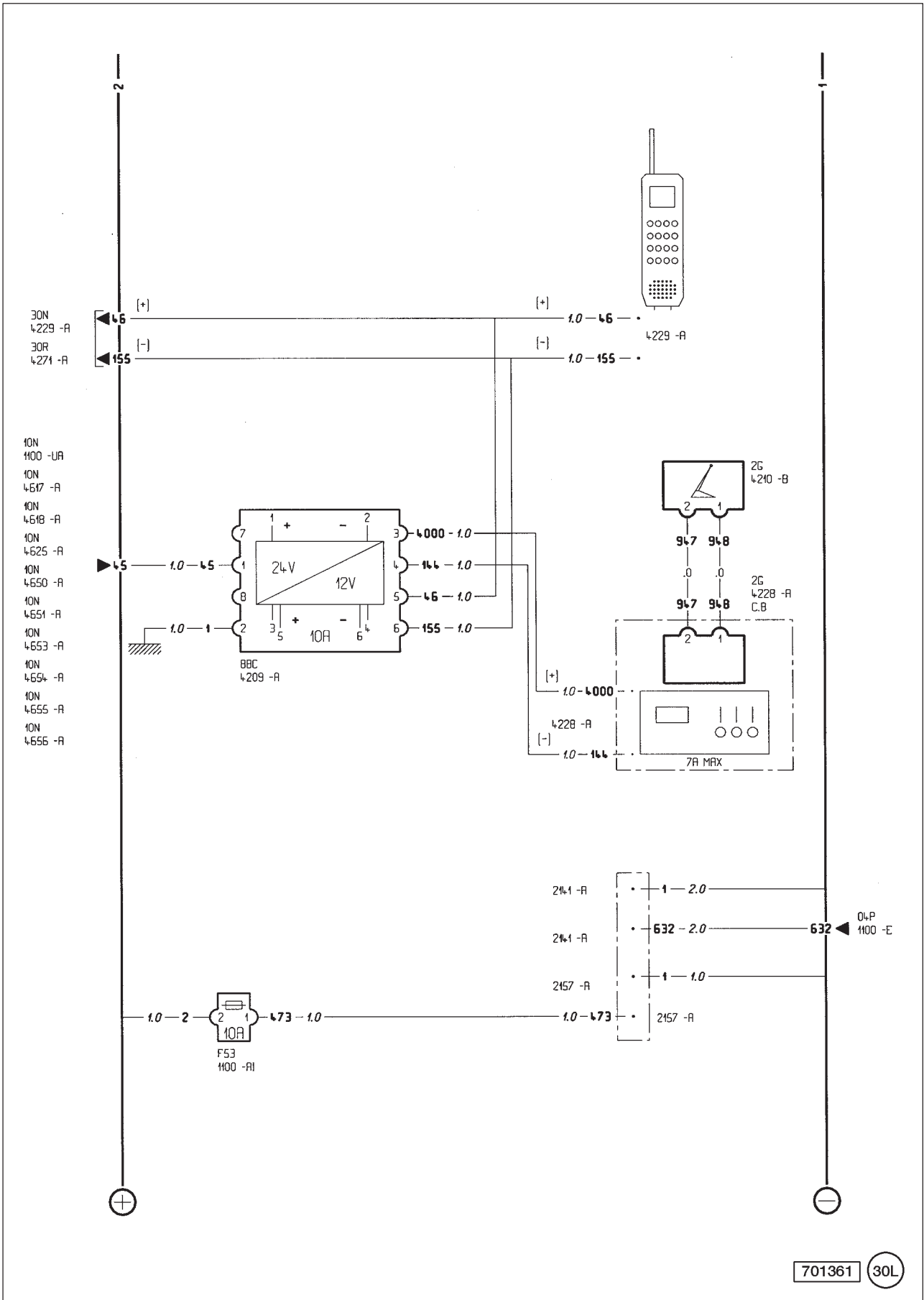
Appliance	Plate	Localisation
1100 – Fuse	–	–
2197 – After ignition power supply relay N° 2	(01R)	B2c
8526 – Cab tilting motor	(29M)	A5d
8527 – Cab tilting relay	(29M)	B2b
8575 – Cab tilting control	(29M)	A5d
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 (29M)

AVAILABLE POWER SUPPLIES

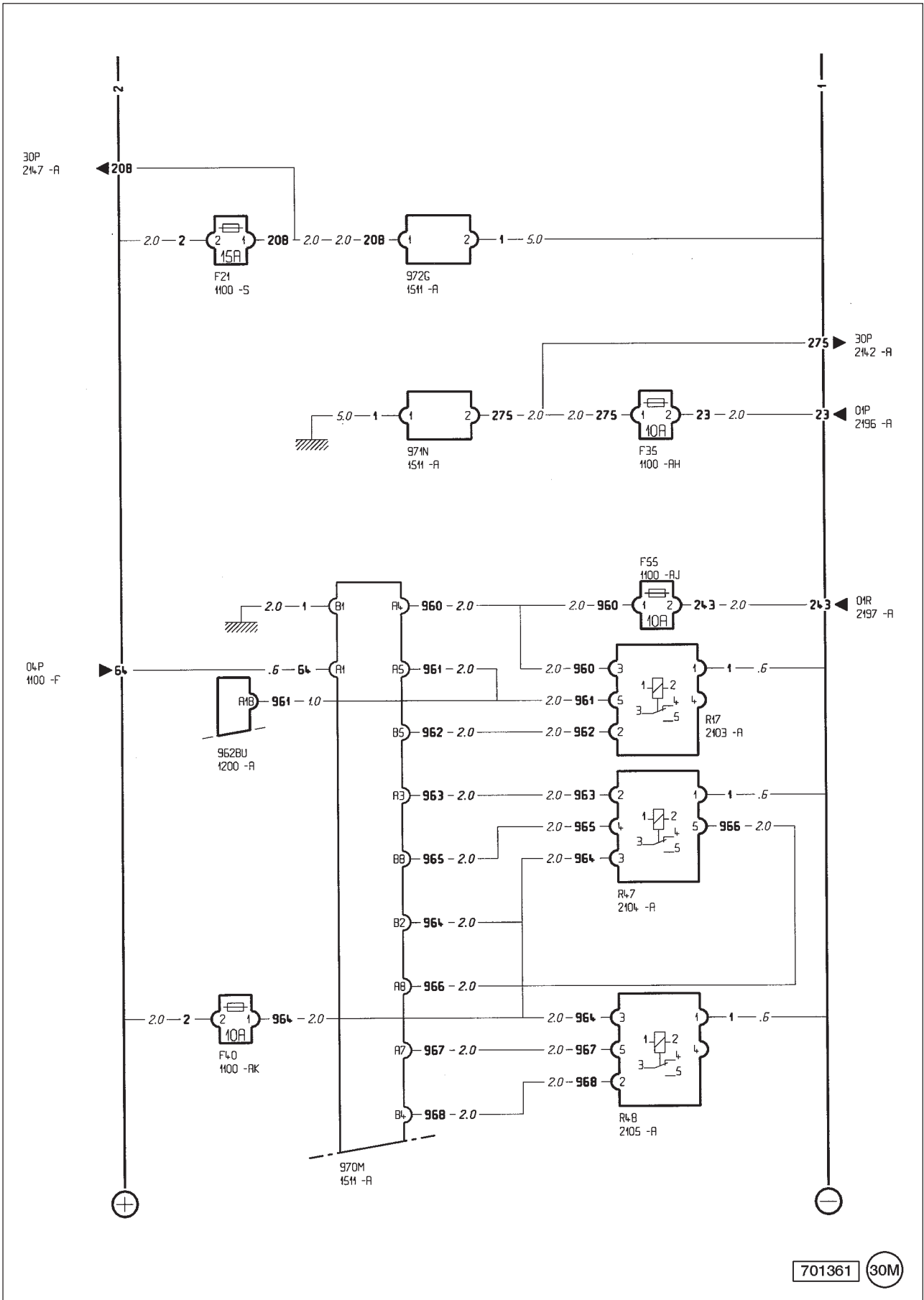
Appliance	Plate	Localisation
1100 – Fuse	–	–
2141 – Available power supply (lighting)	(30L/P)	A2a/B9d/B2c
2157 – Available power supply (video)	(30L)	C3a
4209 – Voltage dropper (telecommunications)	(30L)	C2a
4210 – Antenna	(14N/30L)	C3a
4228 – C.B. radio	(30L)	C2a
4229 – Telephone	(30L/N)	A2a
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4617 – Top bunk overhead lamp	(10N)	C4a
4618 – Driver's overhead lamp	(10N)	C3a
4625 – Passenger's overhead lamp	(10N)	A3a
4650 – Driver's step lighting	(10N)	C3c
4651 – Passenger's step lighting	(10N)	A3c
4653 – Driver's map reader	(10N)	C3a
4654 – Passenger's map reader	(10N)	A3a
4655 – RH lower bunk overhead lamp	(10N)	A4a
4656 – LH lower bunk overhead lamp	(10N)	C4a



701361 (30L)

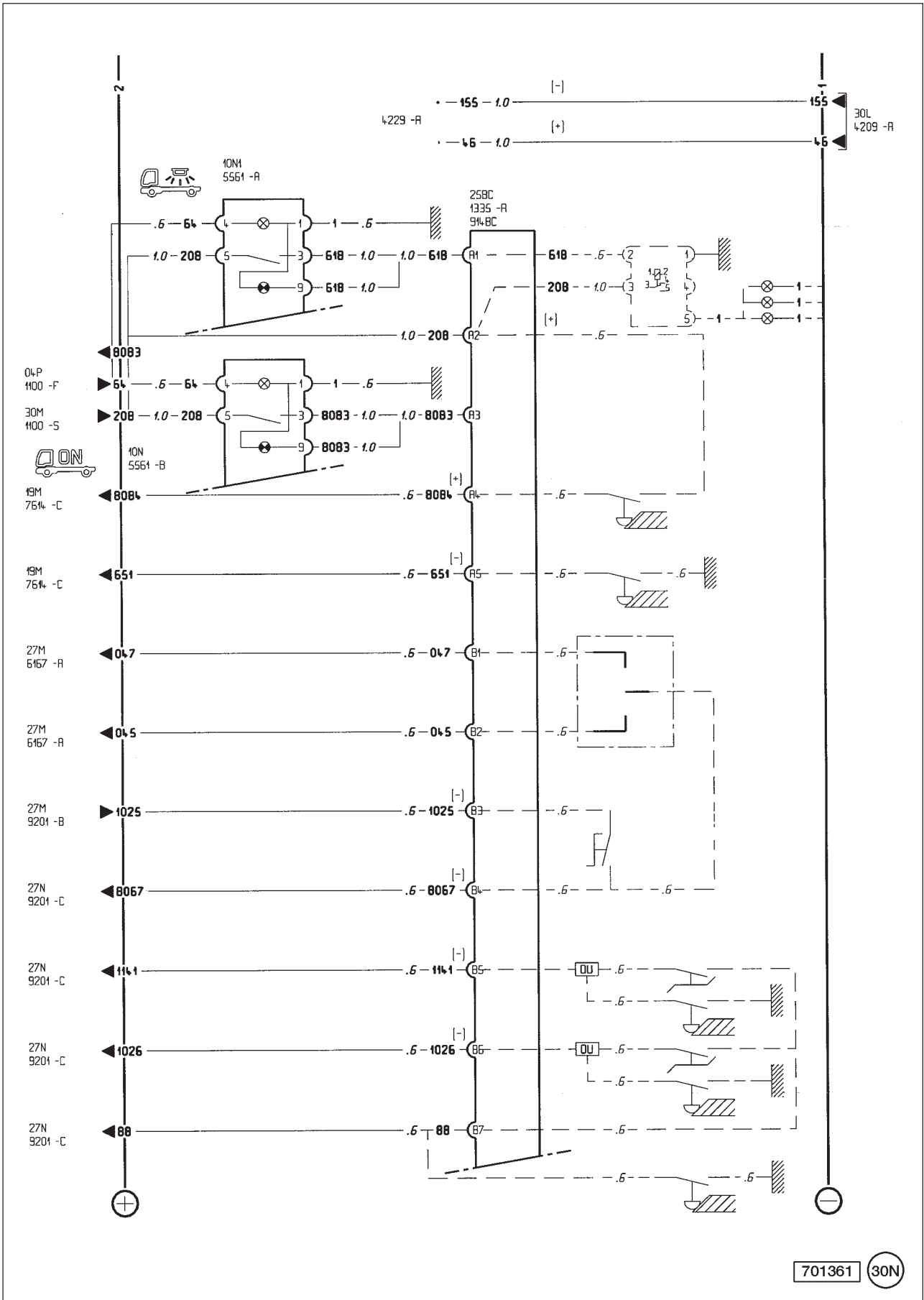
AVAILABLE POWER SUPPLIES

Appliance	Plate	Localisation
1100 – Fuse	–	–
1200 – Fuses and relays connection unit “BFR”	(002//30M)	B2c
1511 – Fuse box	(30M)	B2c
2103 – Available relay N° 1	(30M)	B2c
2104 – Available relay N° 2	(30M)	B2c
2105 – Available relay N° 3	(30M)	B2c
2142 – Available power supply (after ignition)	(30L/P)	B2c
2147 – Available power supply (after master switch)	(30M/P)	B2c
2196 – After ignition power supply relay N° 1	(01P)	B2c
2197 – After ignition power supply relay N° 2	(01R)	B2c



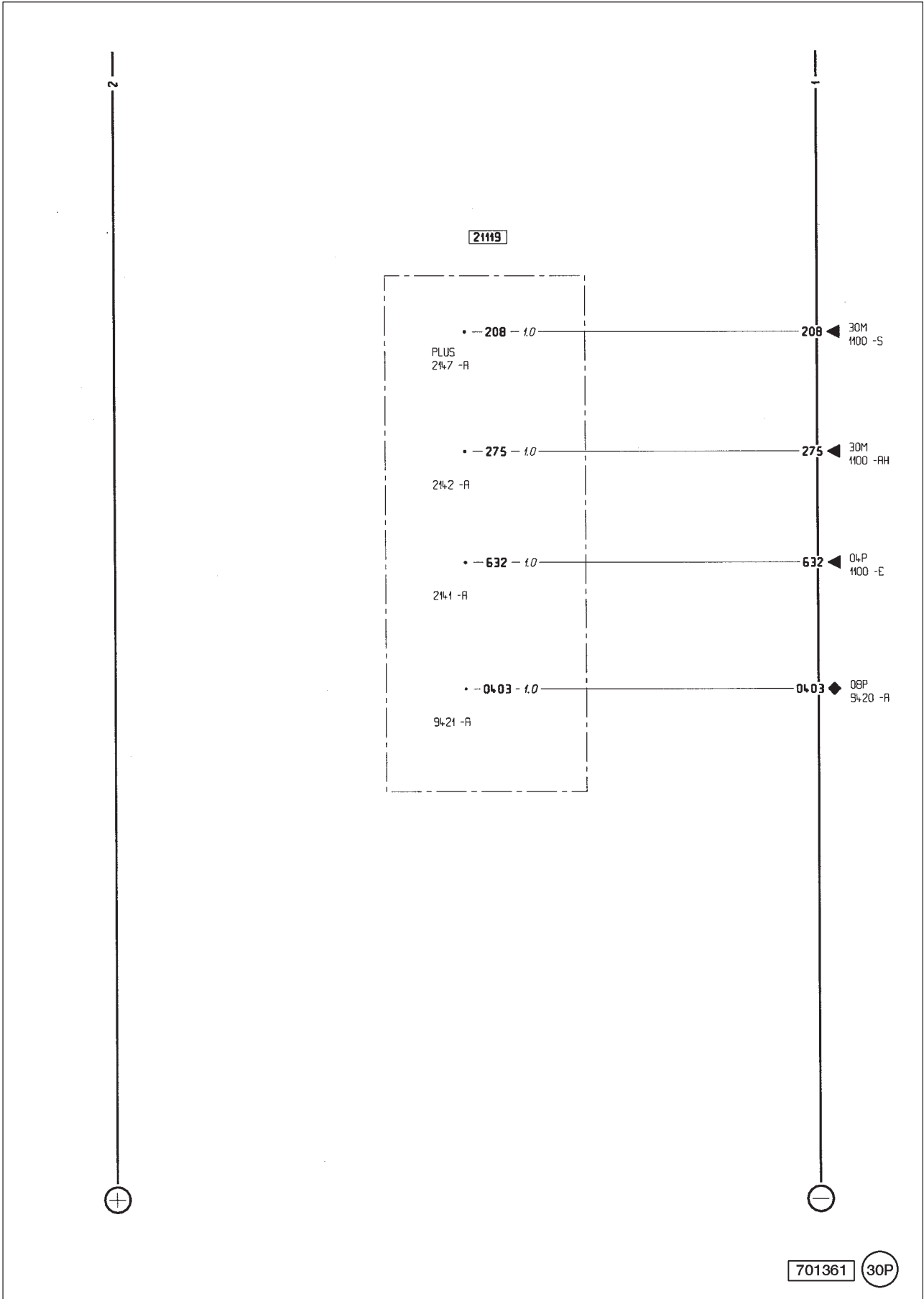
AVAILABLE POWER SUPPLIES

Appliance	Plate	Localisation
1100 – Fuse	–	–
1335 – Bodybuilder available power supplies connector	(30N)	C5d
4209 – Voltage dropper (telecommunications)	(30L)	C2a
4229 – Telephone	(30L/N)	A2a
5561 – Gate valves illumination control	(30N)	–
6167 – Steering column fingertip controls		
– anti-theft	(01N)	C2b
– side/parking lights	(04M)	C2b
– main/dipped beam headlights	(04R)	C2b
– fog driving lamps / fog lamps	(04S)	C2b
– horn / direction indicator	(05M)	C2b
– windscreen wiper / screen wash / headlamp wash	(11M)	C2b
– cruise control	(27M)	C2b
7614 – Principal display	(002//003//004//08R//19M/N)	C2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



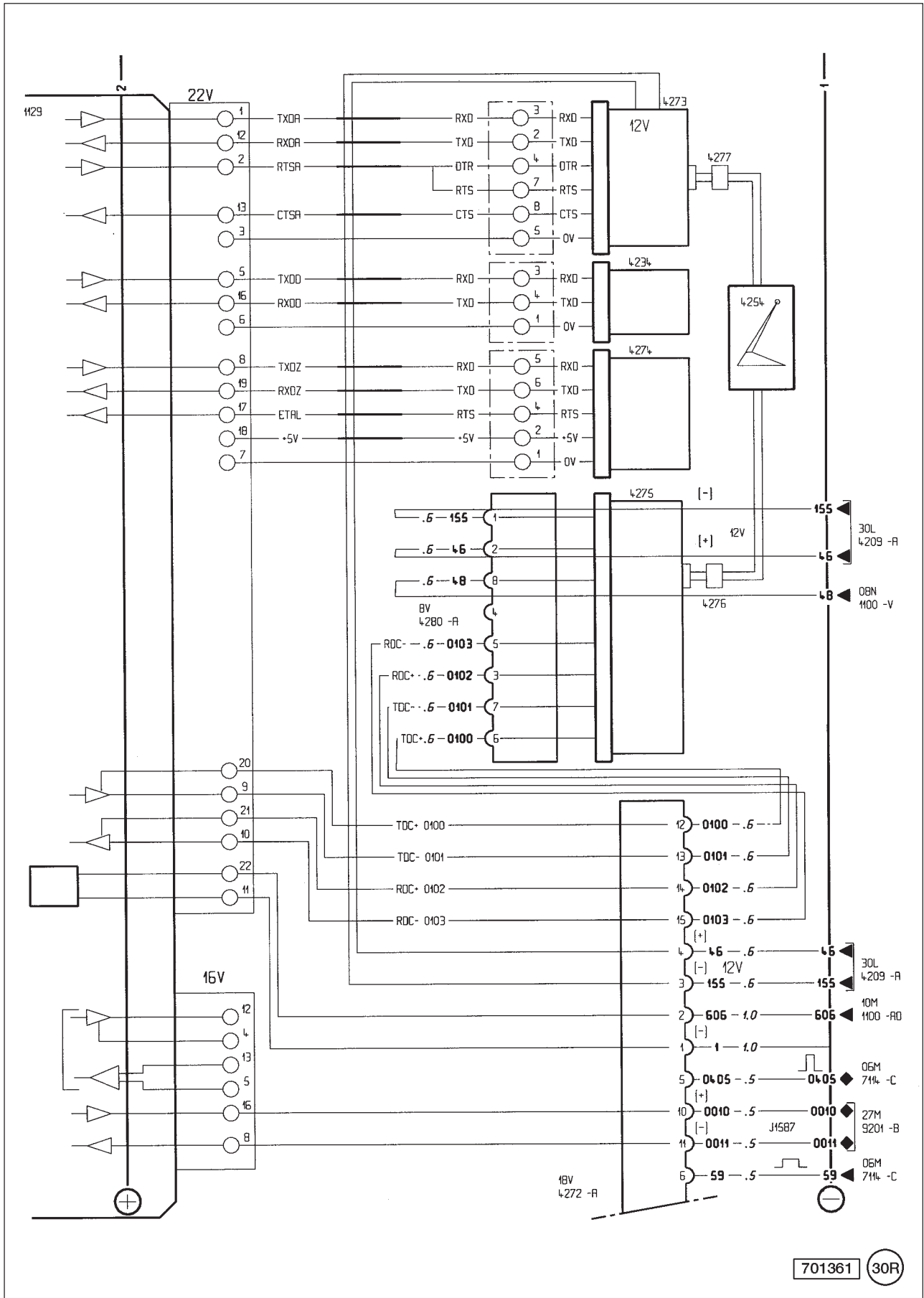
AVAILABLE POWER SUPPLIES

Appliance	Plate	Localisation
1100 – Fuse	–	–
2141 – Available power supply (lighting)	(30L/P)	A2a/B9d/B2c
2142 – Available power supply (after ignition)	(30L/P)	B2c
2147 – Available power supply (after master switch)	(30M/P)	B2c
9420 – Anti-theft alarm ECU	(002//08P/R)	C2a
9421 – Road train perimetric protection pre-arrangement	(08P/R//30P)	–
21119 – Available power supply (chassis)	(30P)	B9d



ONBOARD MANAGEMENT (TMC2001)

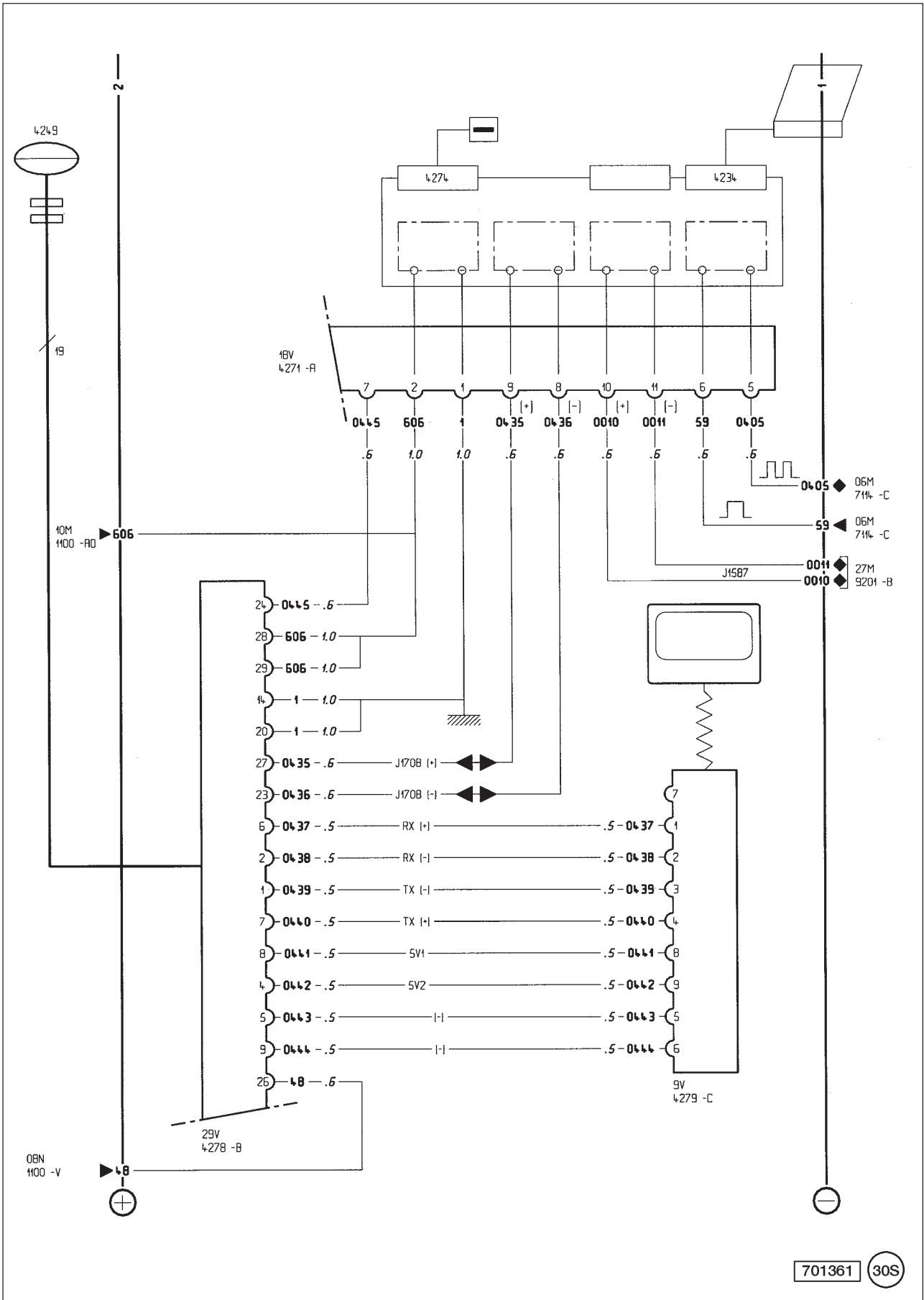
Appliance	Plate	Localisation
1100 – Fuse	–	–
1129 – Power supply	30R	–
4209 – Voltage dropper (telecommunications)	(30L)	C2a
4234 – Printer	(30R/S)	–
4254 – Antenna (positioning by satellite and telecommunication)	(30R)	A3a
4272 – Onboard management prearrangement (computer)	(002//08R//30R)	C2b
4273 – Telecommunication module	(30R)	–
4274 – Badge reader	(30R/S)	–
4275 – Positioning module	(30R)	–
4276 – Onboard management prearrangement (antenna positioning)	(30R)	C2a
4277 – Onboard management prearrangement (antenna telecommunication)	(30R)	B2b
4280 – Onboard management prearrangement (positioning module)	(30R)	C2a
7114 – Electronic tachograph	(003//004//06M)	B2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



701361 (30R)

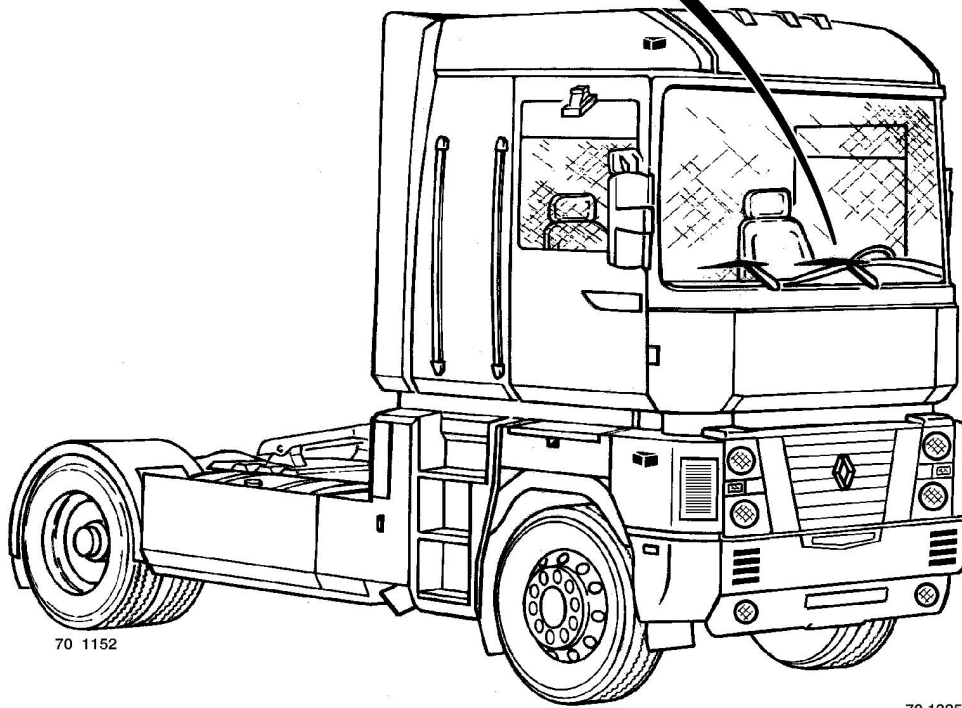
ONBOARD MANAGEMENT (EUTELTRACS)

Appliance	Plate	Localisation
1100 – Fuse	–	–
4234 – Printer	(30R/S)	–
4249 – Satellite antenna	(30S)	C3a
4271 – Onboard management prearrangement (ECU)	(002//08R//30S)	C4c
4274 – Badge reader	(30R/S)	–
4278 – Onboard management prearrangement (antenna satellite)	(30S)	C5a
4279 – Onboard management prearrangement (screen and keyboard)	(30S)	–
7114 – Electronic tachograph	(003//004//06M)	B2b
9201 – Vehicle master ECU (VECU)	(002//003//004//08R//27M/N)	B2b



PINPOINTING OF ELECTRICAL APPLIANCES

Vehicle electronic management
Fuel-injection electronic management
“ASTRONIC” automatic transmission
Electronic theft protection system
Electronic air suspension “4x2 – 6x2 – 6x4”
“EBS” equipment
Electric retarder
Hydraulic retarder
Independent heater “AT2000S”
Independent heater “THERMO 90S”
Alarm
Onboard management prearrangement (TMC 2001)
Onboard management prearrangement (EUTELTRACS)
ADR equipment
Cab-mounted electronic boxes
Voltage dropper
Relays away from connection unit
Diodes away from connection unit
Trailer sockets

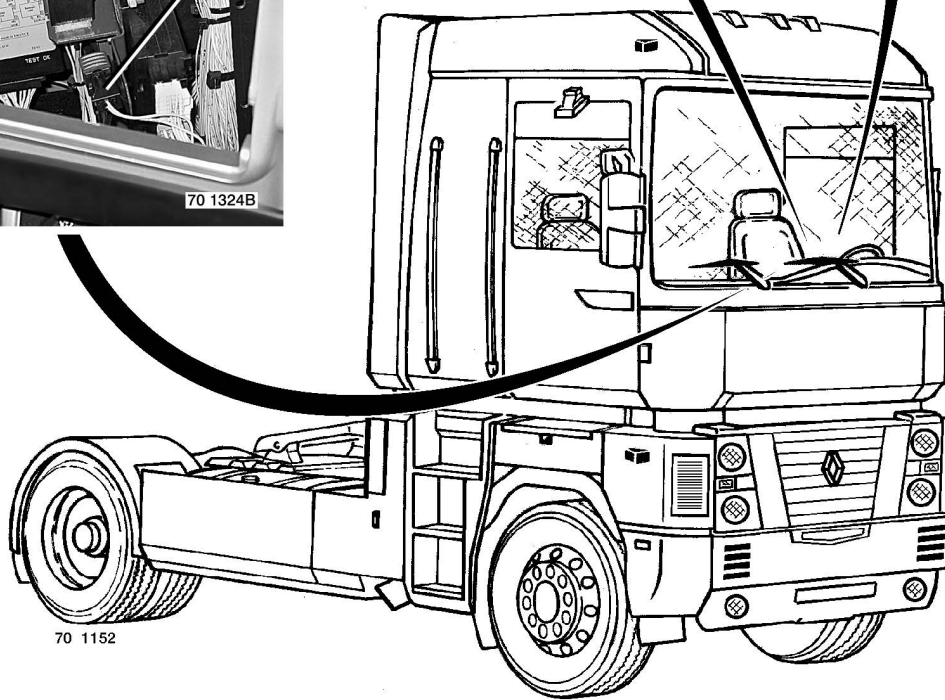
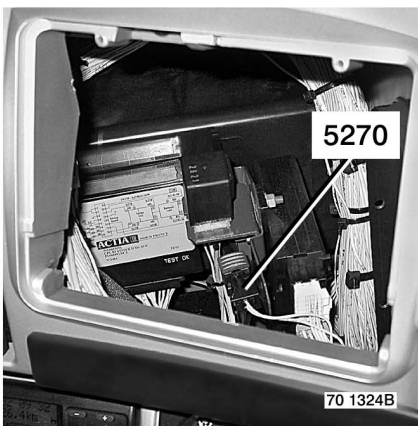
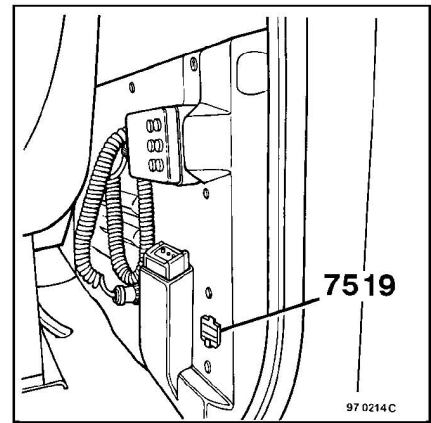
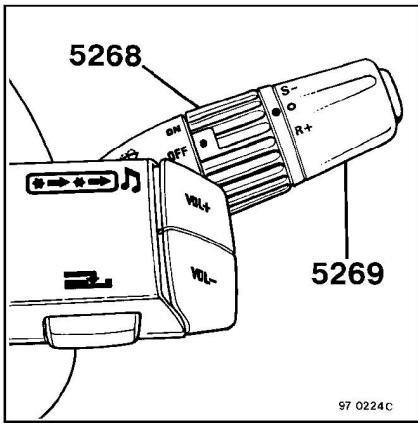


70 1325

Vehicle electronic management

Layout of appliances in cab

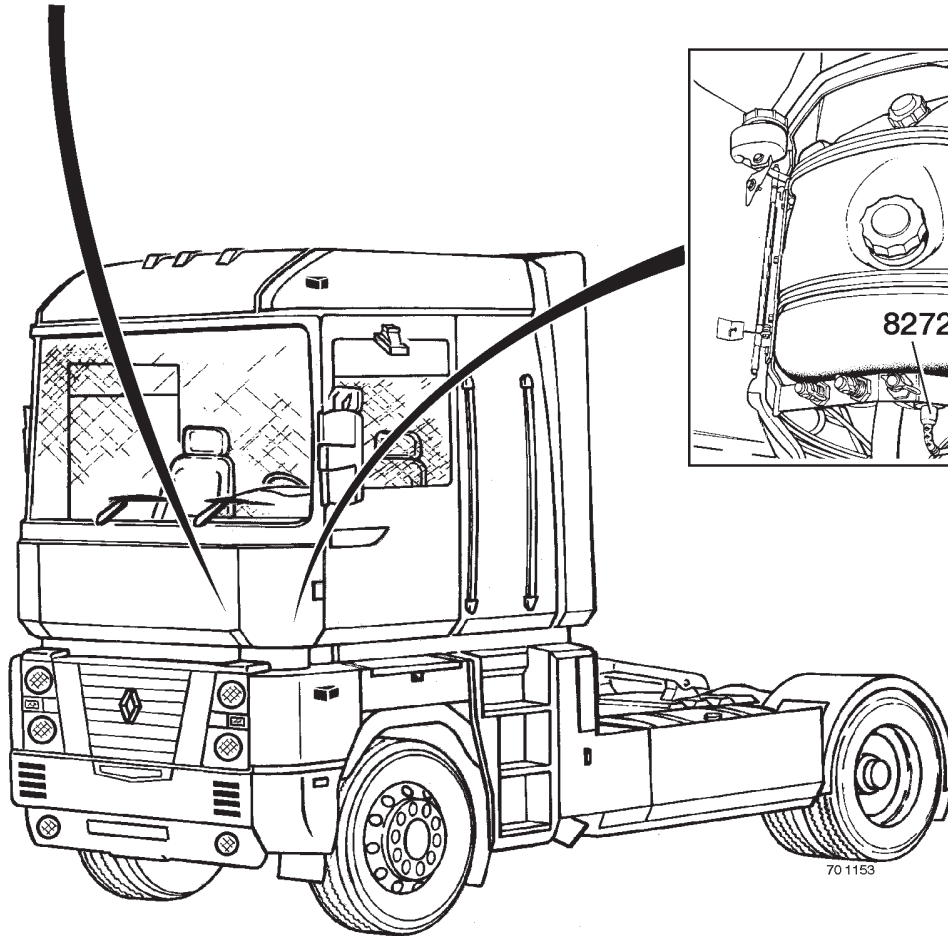
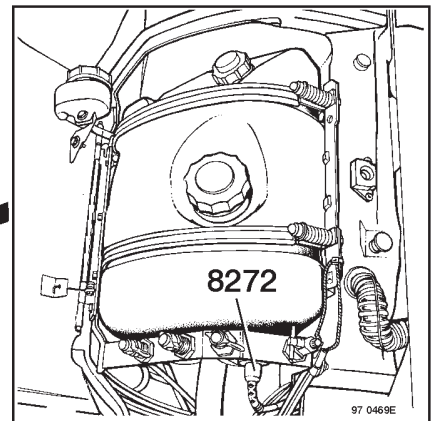
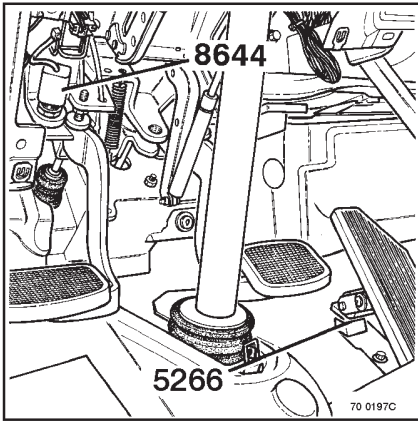
Appliance	Plate
9201 – Vehicle master ECU (VECU)	27M/N
9267 – Vehicle major electronic defect warning lamp	–
9268 – Vehicle minor electronic defect warning lamp	–



Fuel-injection electronic management

Layout of appliances in cab

Appliance	Plate
5268 – Cruise control and engine speed control switch	–
5269 – Cruise control and engine speed adjustment control	–
5270 – Limited speed shunt for export	27N
7519 – Diagnostics socket	07M

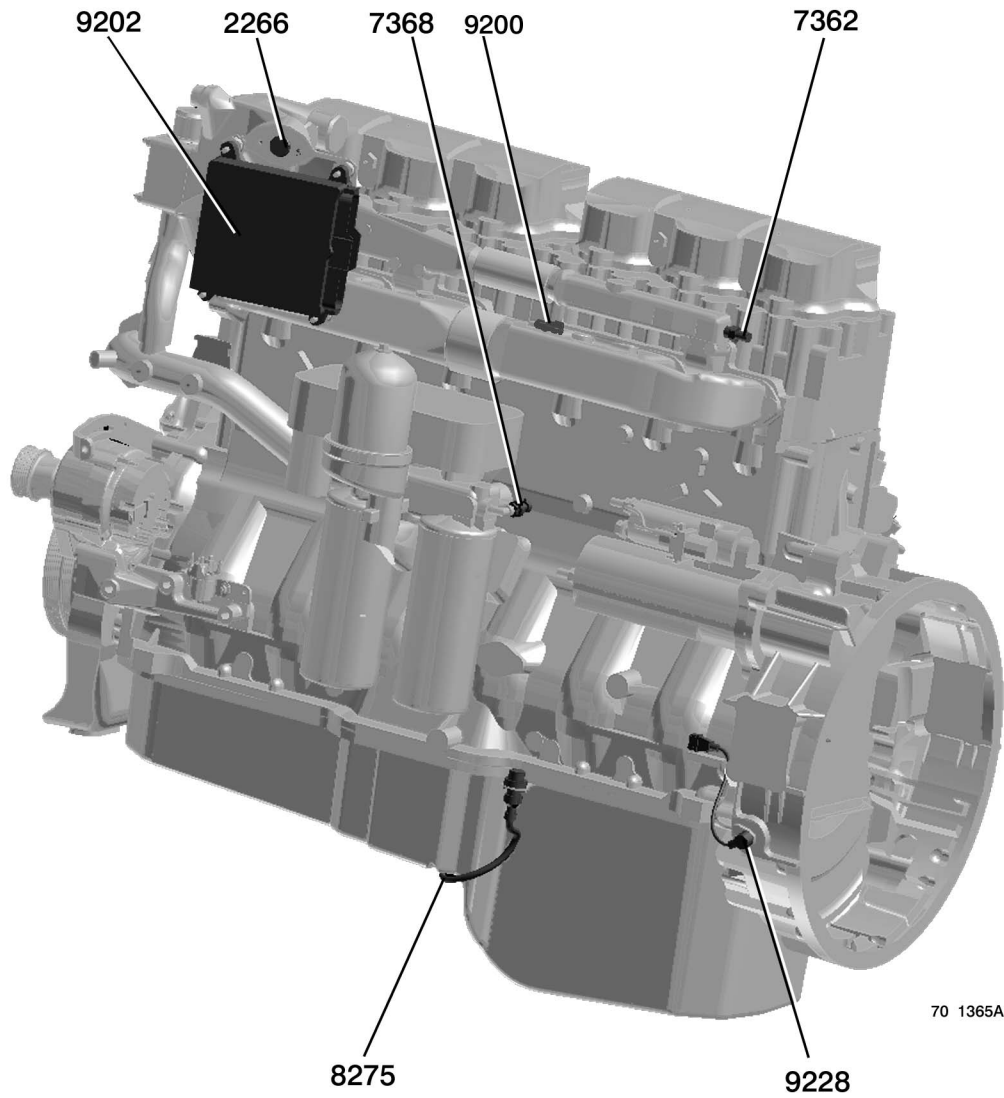


70 1238

Fuel-injection electronic management

Layout of appliances in cab

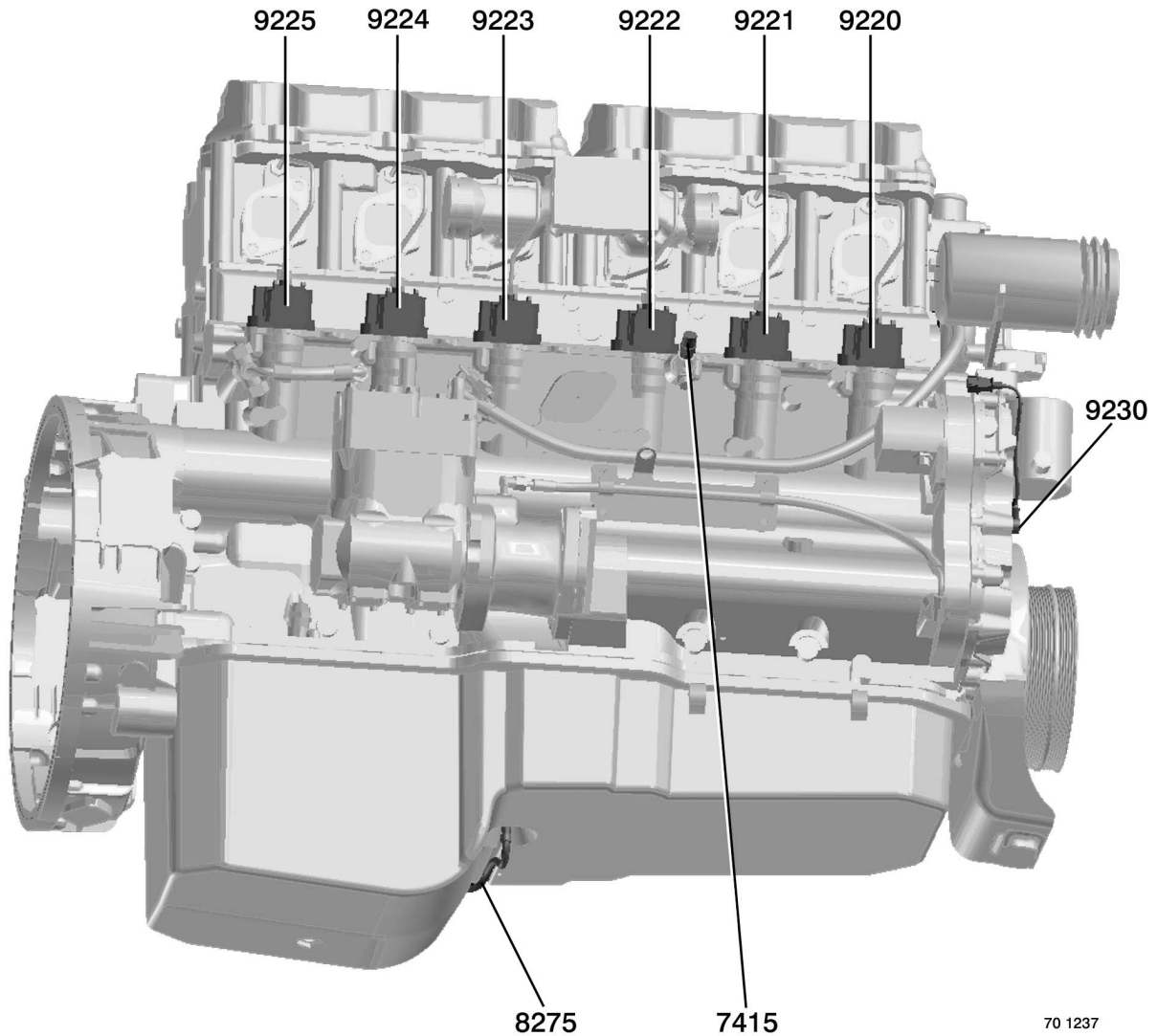
Appliance	Plate
5266 – Accelerator pedal position sensor	27M
8272 – Water level sensor	27R
8644 – Clutch switch	27M



Fuel-injection electronic management

Layout of appliances on engine "MIDR 06.24.65"

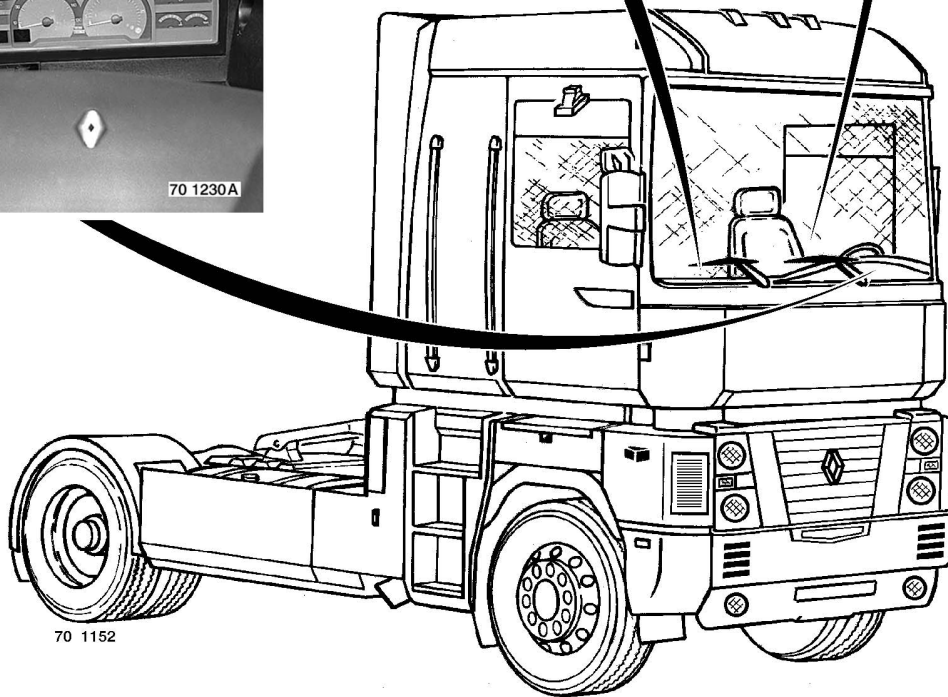
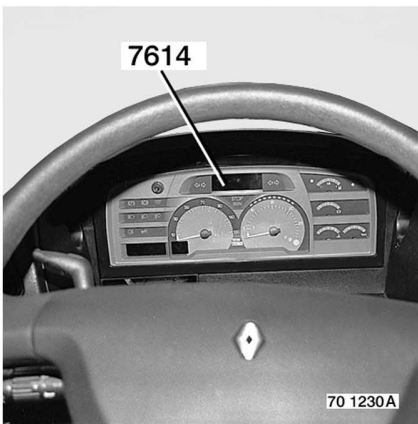
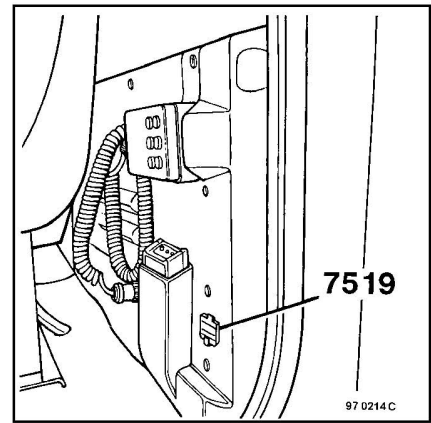
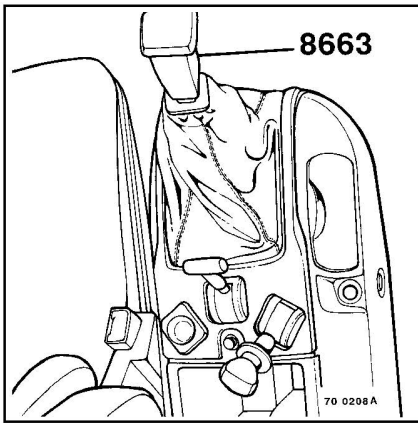
Appliance	Plate
2266 – Engine stop control (cab tilted)	27R
7362 – Coolant temperature sensor	27P
7368 – Oil pressure sensor	27P
8275 – Engine oil level sensor	27P
9200 – Boost air pressure and temperature sensor	27P
9202 – "EUP" engine master ECU (EECU)	27P/R
9228 – Flywheel speed sensor	27P



Fuel-injection electronic management

Layout of appliances on engine "MIDR 06.24.65"

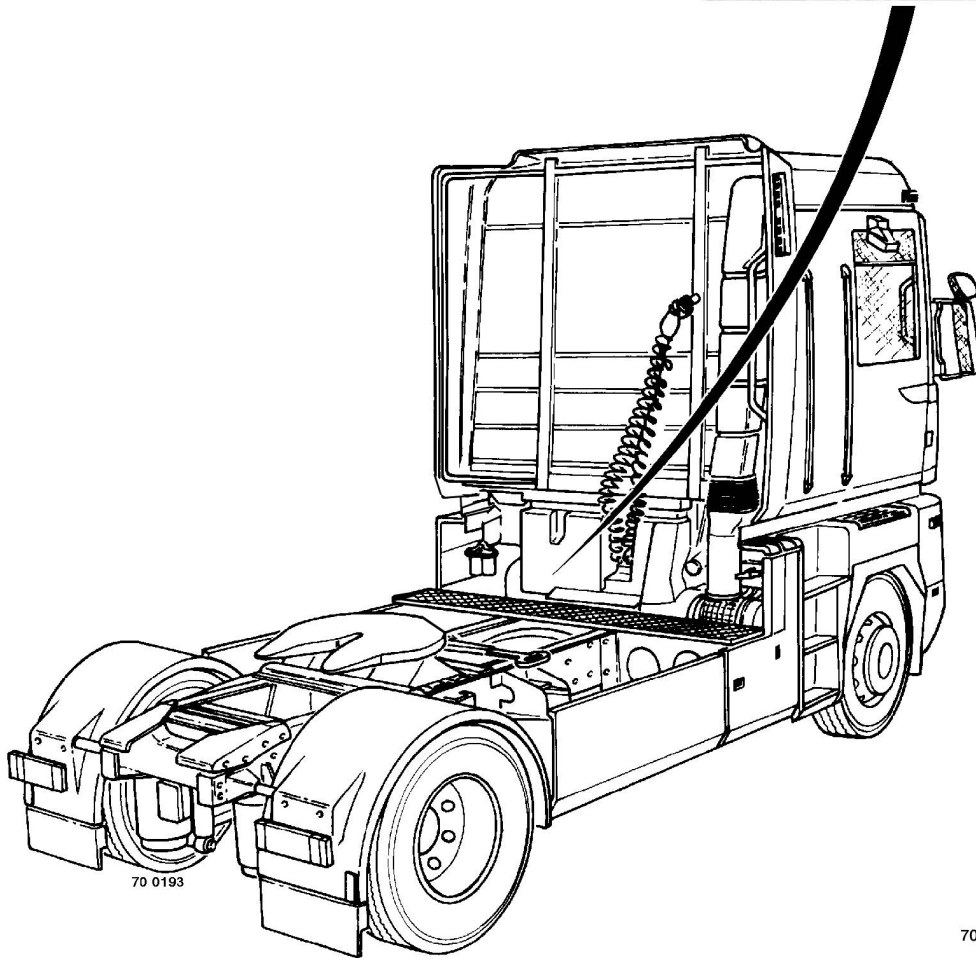
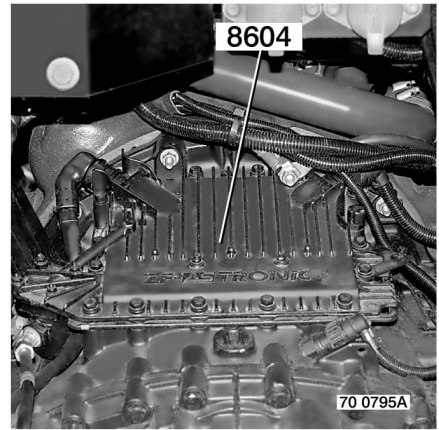
Appliance	Plate
7415 – Fuel temperature sensor	27P
8275 – Engine oil level sensor	27P
9220 – Unit pump N° 1 incorporating solenoid valve	27P
9221 – Unit pump N° 2 incorporating solenoid valve	27P
9222 – Unit pump N° 3 incorporating solenoid valve	27P
9223 – Unit pump N° 4 incorporating solenoid valve	27P
9224 – Unit pump N° 5 incorporating solenoid valve	27P
9225 – Unit pump N° 6 incorporating solenoid valve	27P
9230 – Camshaft speed sensor	27P



“ASTRONIC” automatic transmission

Layout of appliances in cab

Appliance	Plate
7519 – Diagnostics socket	07M
7614 – Principal display	19M/N
8663 – Gearbox control lever	23M



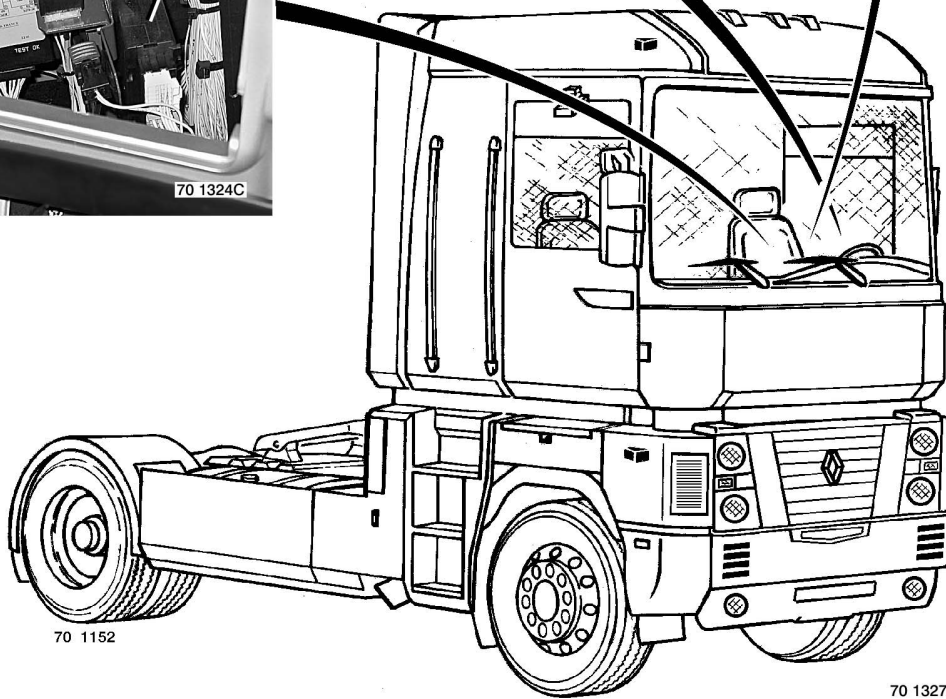
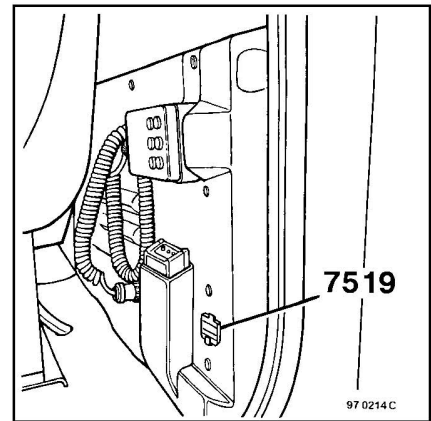
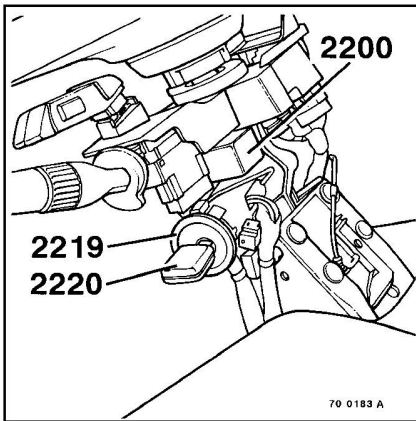
“ASTRONIC” automatic transmission

Layout of appliances on chassis

Appliance

Plate

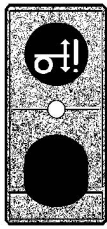
8604 – “ASTRONIC” ECU	23 M
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Electronic theft protection system

Layout of appliances in cab

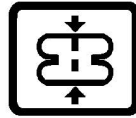
Appliance	Plate
2200 – Anti-theft electronic box	01N
2219 – Transponder antenna	01N
2220 – Transponder ignition key	01N
2221 – Electronic anti-theft “Information” warning lamp	19N
7519 – Diagnostics socket	07M
9201 – Vehicle master ECU (VECU)	27M/N



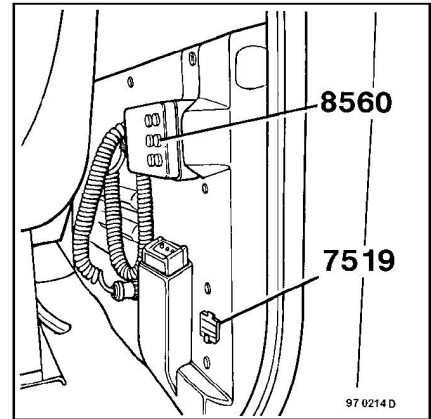
8569



8522



8523



8560

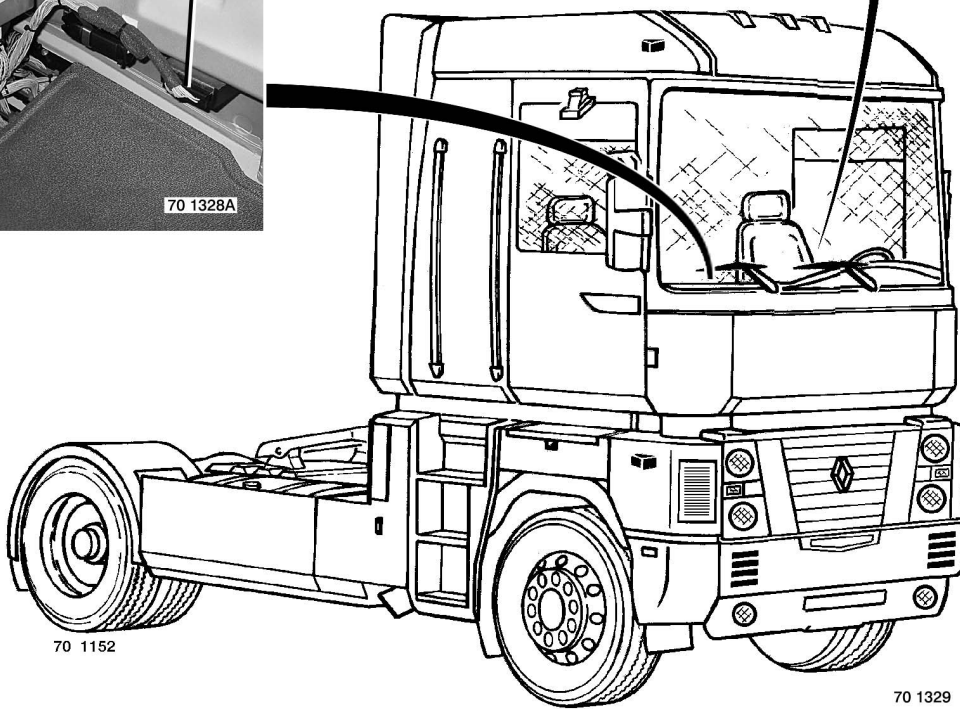
7519

97 0214 D



8502

70 1328A



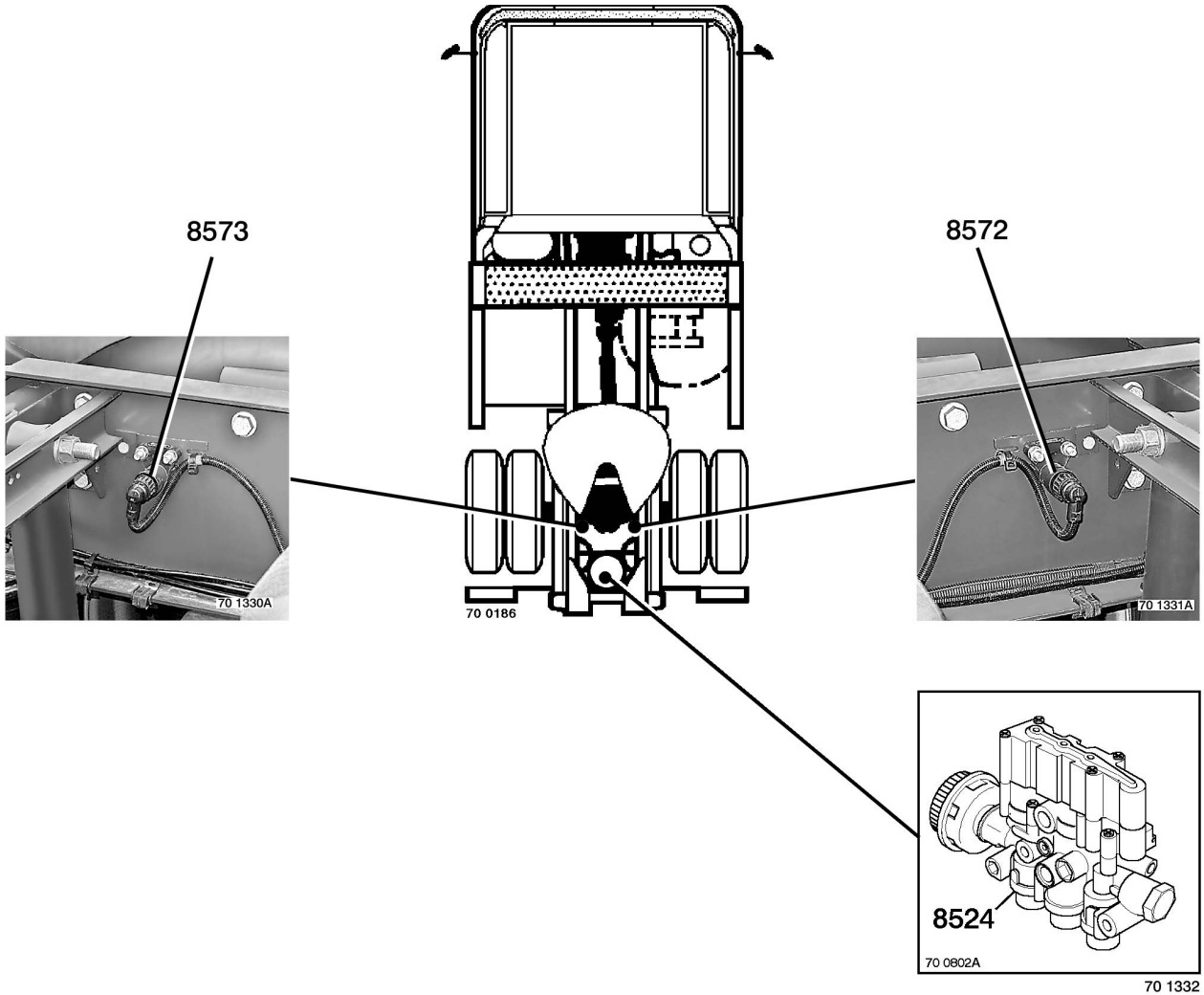
70 1152

70 1329

Electronic air suspension “4x2 – 6x2 – 6x4”

Layout of appliances in cab

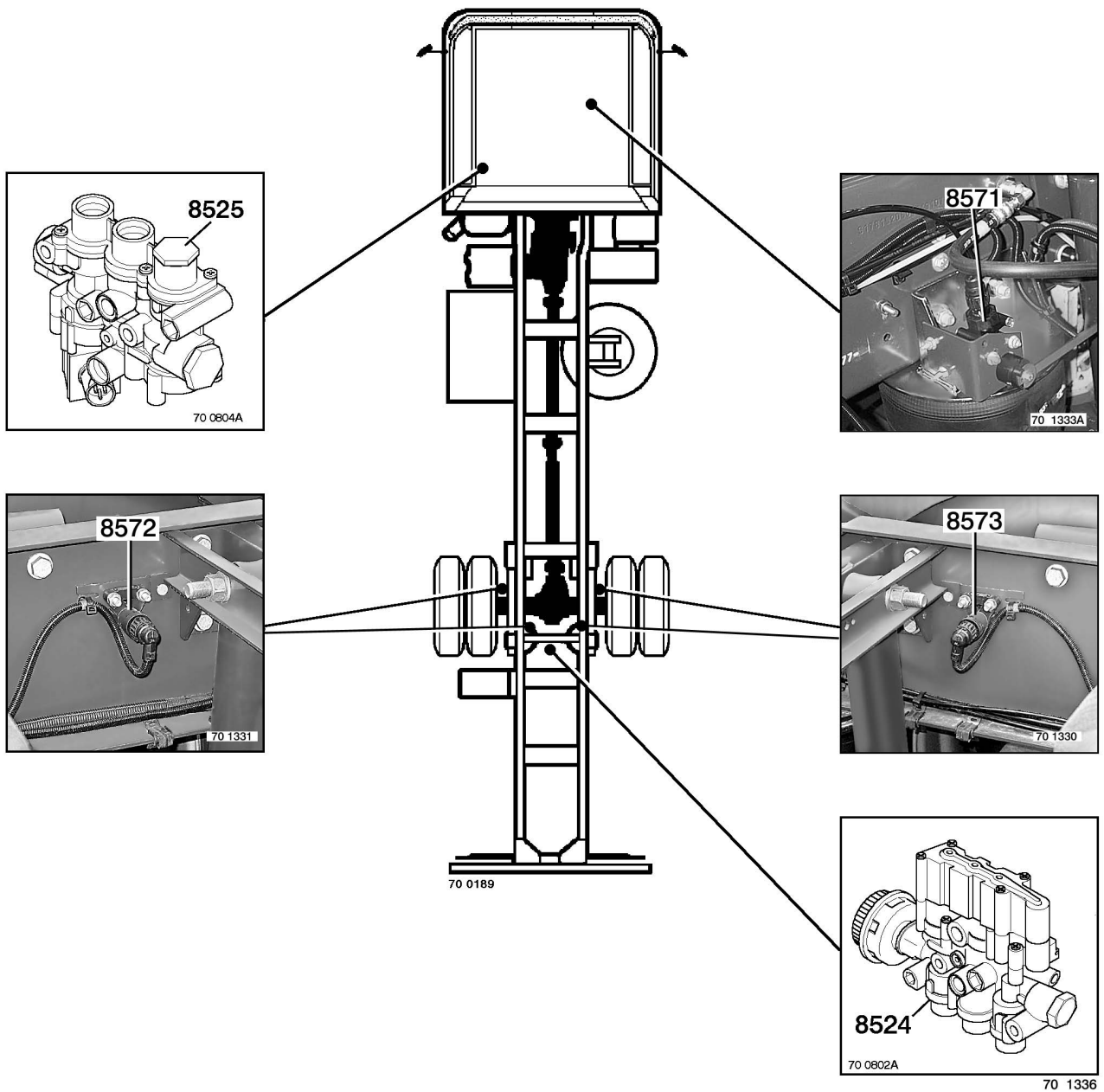
Appliance	Plate
7519 – Diagnostics socket	07M
8502 – Suspension ECU	28M/N/P/R
8522 – Suspension information warning lamp	19M
8523 – Suspension alert warning lamp	19M
8560 – Remote control box	28M/N/P/R
8569 – Lift-up axle load shedding control	28P/R



Electronic air suspension “4x2”

Layout of appliances on chassis

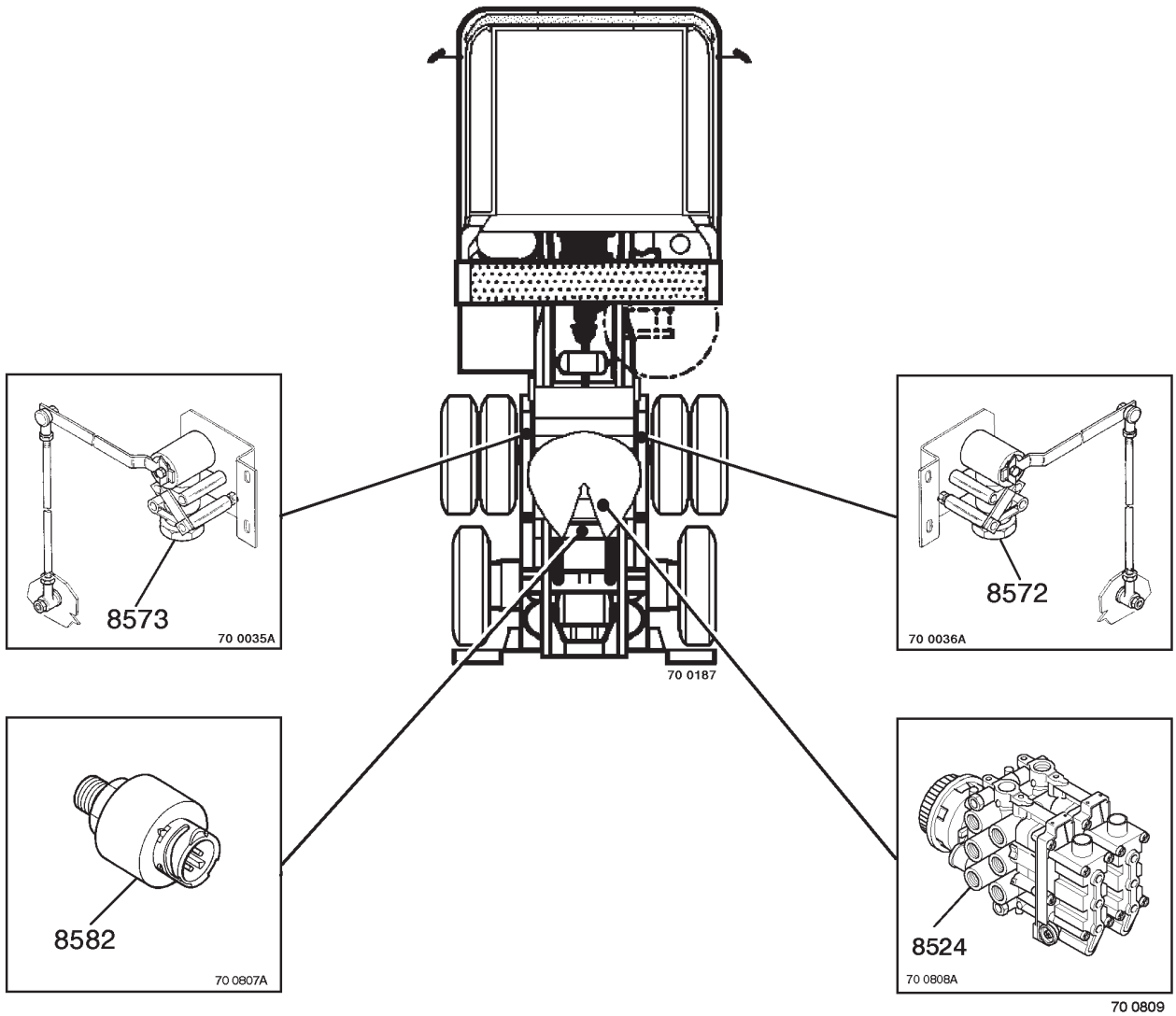
Appliance	Plate
8524 – Rear suspension electrovalve block	28M/N
8572 – Suspension level RH rear sensor	28M/N
8573 – Suspension level LH rear sensor	28M/N



Electronic air suspension “4x2”

Layout of appliances on chassis

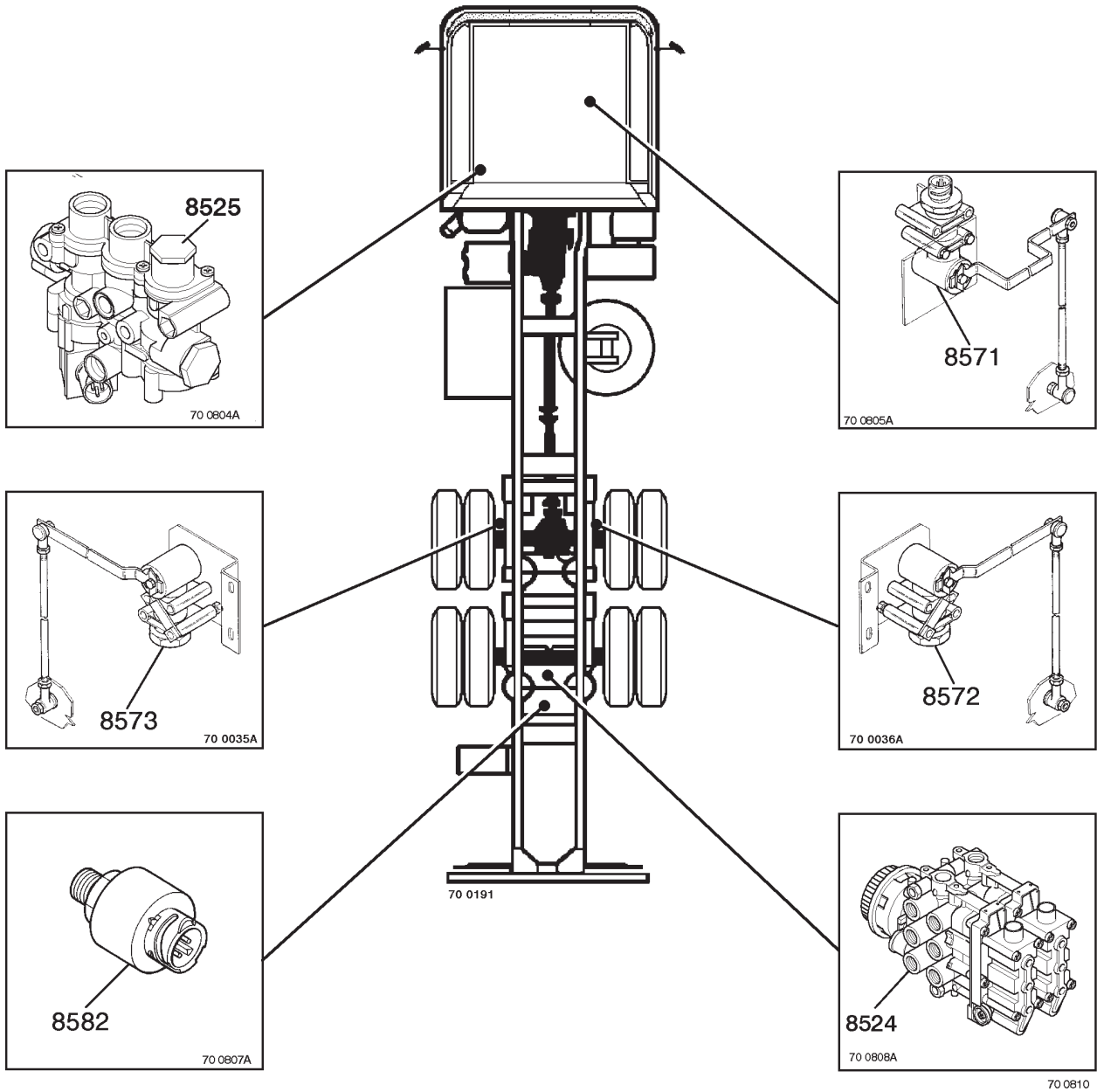
Appliance	Plate
8524 – Rear suspension electrovalve block	28M/N
8525 – Front suspension electrovalve block	28R
8571 – Front suspension level sensor	28P/R
8572 – Suspension level RH rear sensor	28M/N
8573 – Suspension level LH rear sensor	28M/N



Electronic air suspension “6x2”

Layout of appliances on chassis

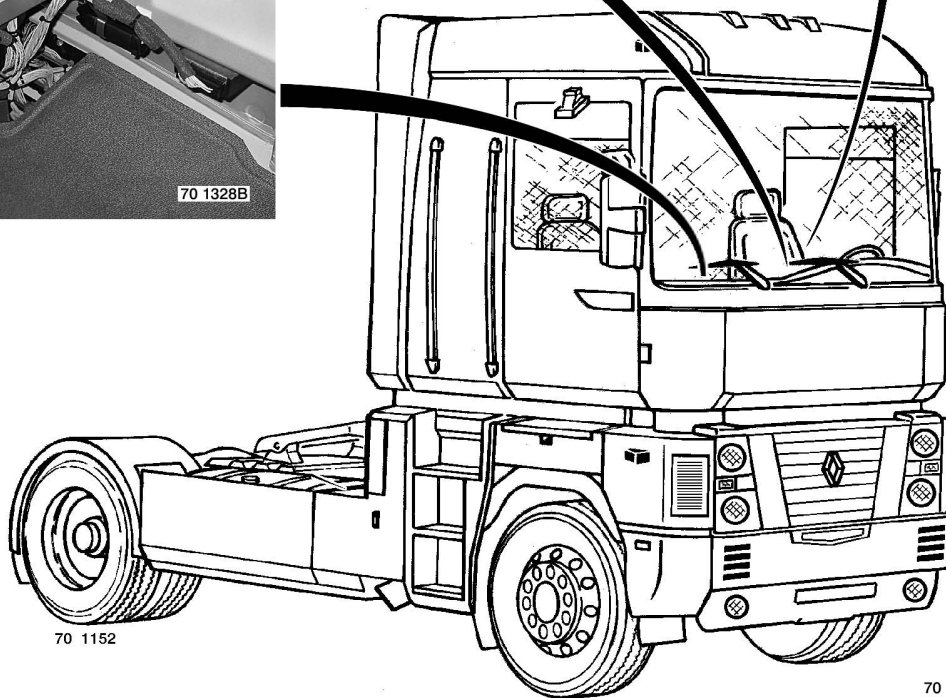
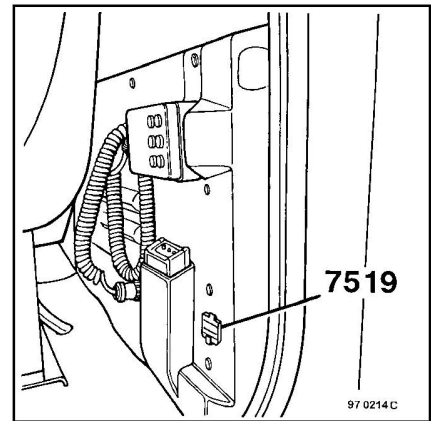
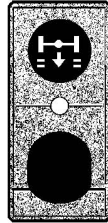
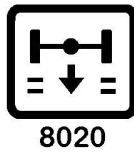
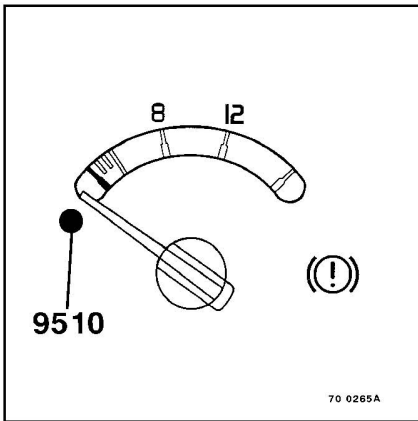
Appliance	Plate
8524 – Rear suspension electrovalve block	28P/R
8572 – Suspension level RH rear sensor	28P/R
8573 – Suspension level LH rear sensor	28P/R
8582 – Rear axle air springs pressure sensor	28R



Electronic air suspension “6x2”

Layout of appliances on chassis

Appliance	Plate
8524 – Rear suspension electrovalve block	28P/R
8525 – Front suspension electrovalve block	28R
8571 – Front suspension level sensor	28P/R
8572 – Suspension level RH rear sensor	28P/R
8573 – Suspension level LH rear sensor	28P/R
8582 – Rear axle air springs pressure sensor	28R



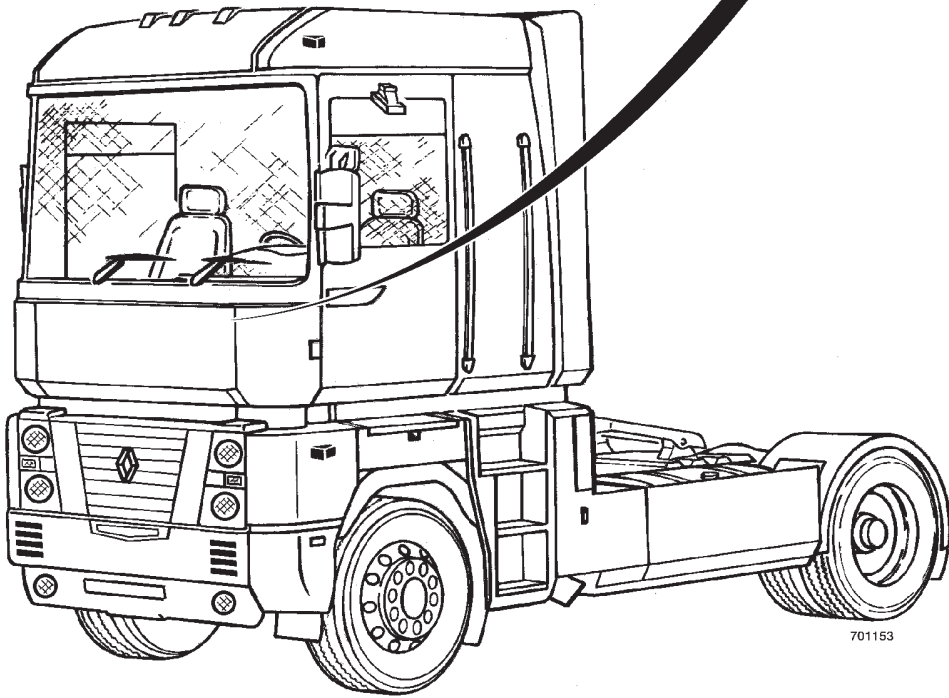
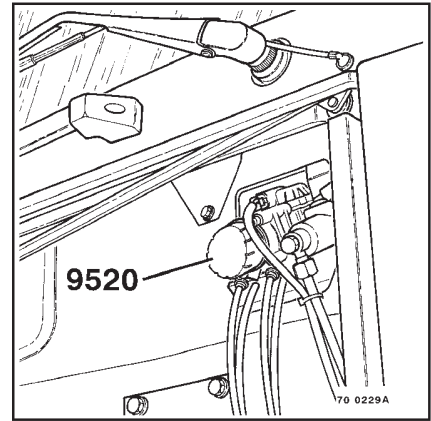
70 1152

70 1338

“EBS” equipment

Layout of appliances in cab

Appliance	Plate
7519 – Diagnostics socket	07M
8011 – ABS safety warning lamp	–
8020 – Roadwheels slipping or ASR in operation warning lamp	–
8060 – ASR off-road control	20M
9501 – “EBS” ECU	20M
9510 – Road train braking “Alert” warning lamp	19M



701153

70 1242

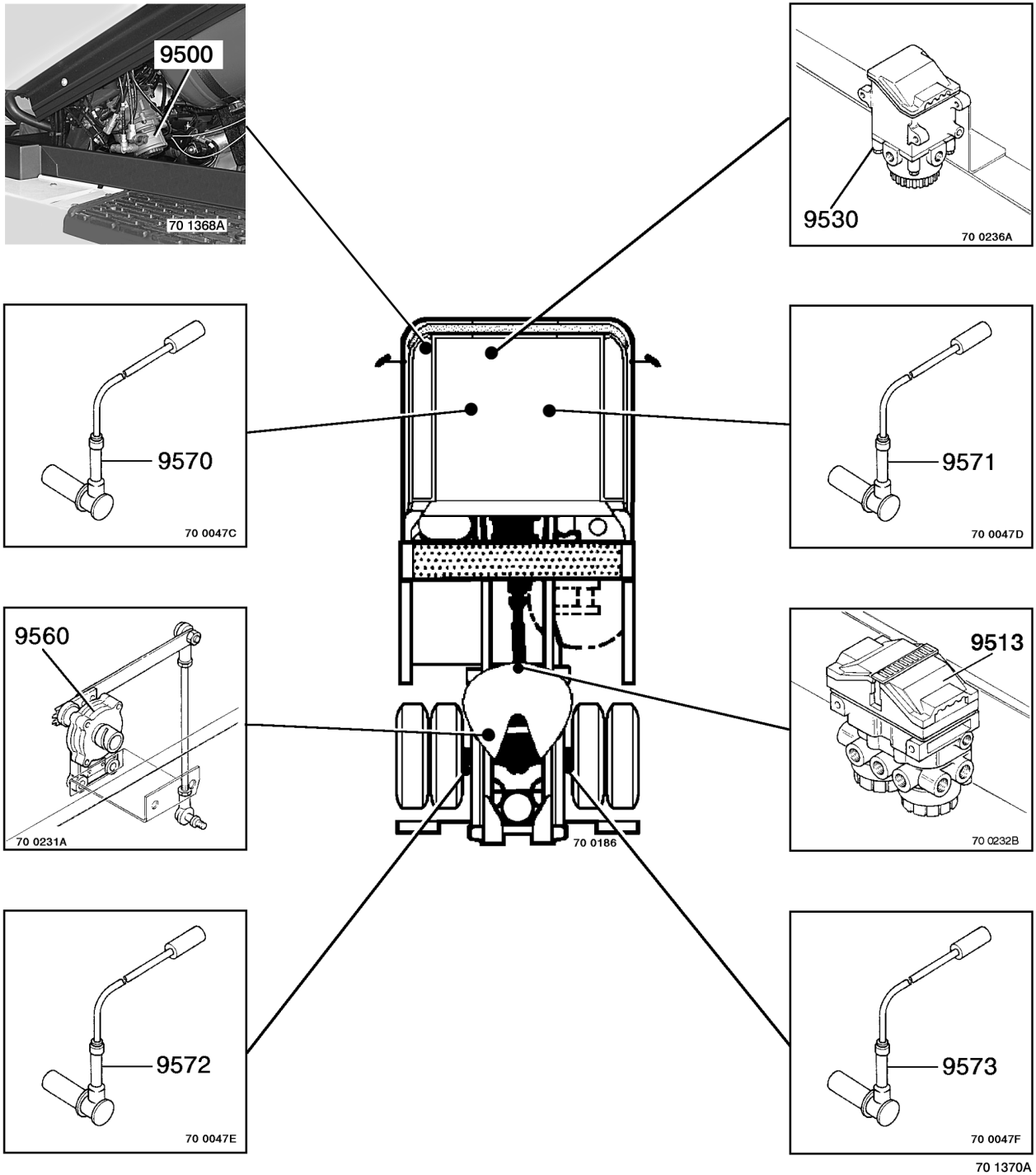
“EBS” equipment

Layout of appliances in cab

Appliance

Plate

9520 – Brake valve	20N
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“EBS” equipment

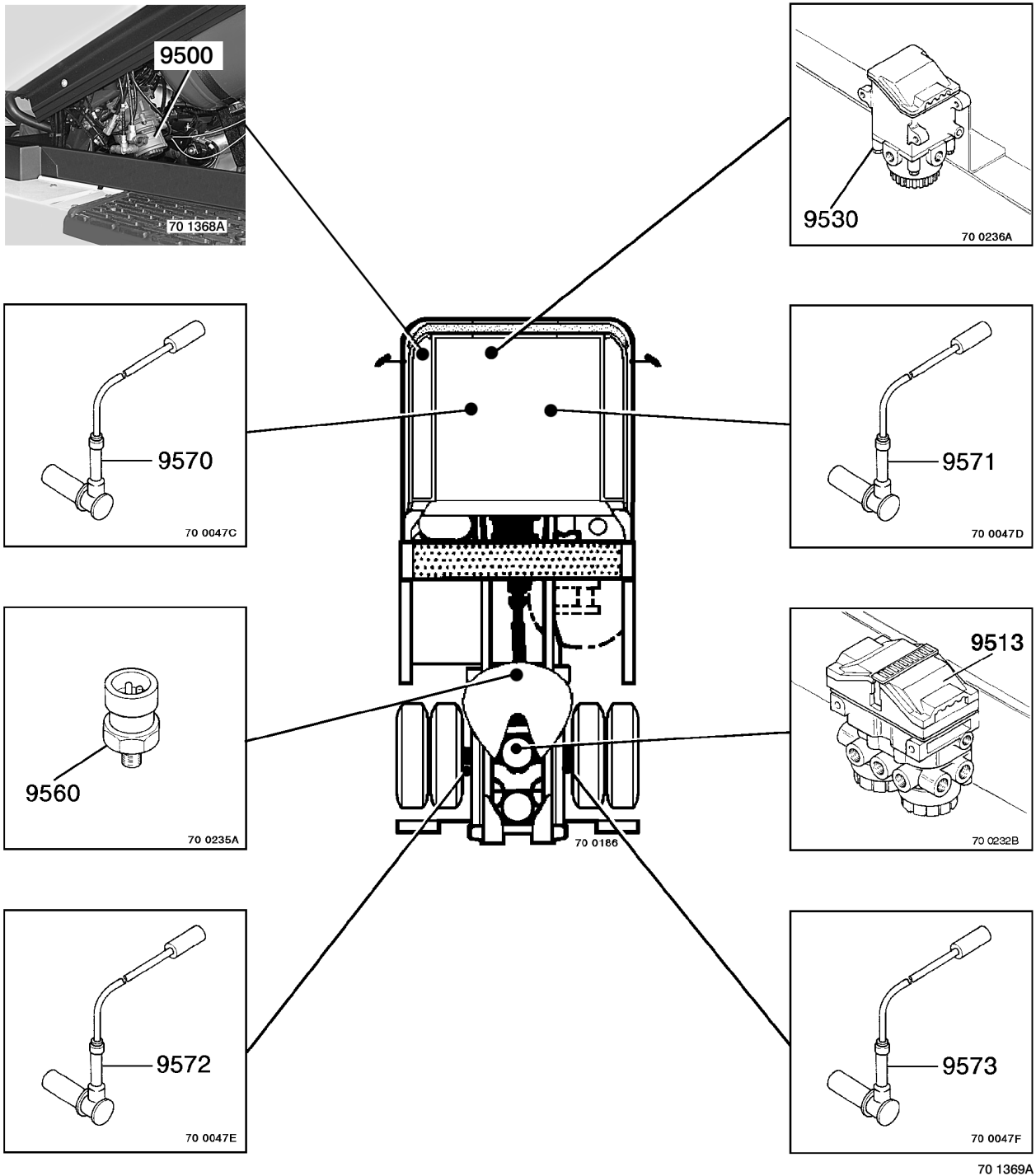
Mechanical suspension

Layout of appliances on chassis

Appliance

Plate

9500 – “EBS” trailer module	20N
9513 – “EBS” drive axle rear module	20N
9530 – “EBS” Front module	20N
9560 – “EBS” rear axle air springs pressure sensor	20N
9570 – LH front roadwheel speed sensor	20N
9571 – RH front roadwheel speed sensor	20N
9572 – LH rear roadwheel speed sensor	20N
9573 – RH rear roadwheel speed sensor	20N

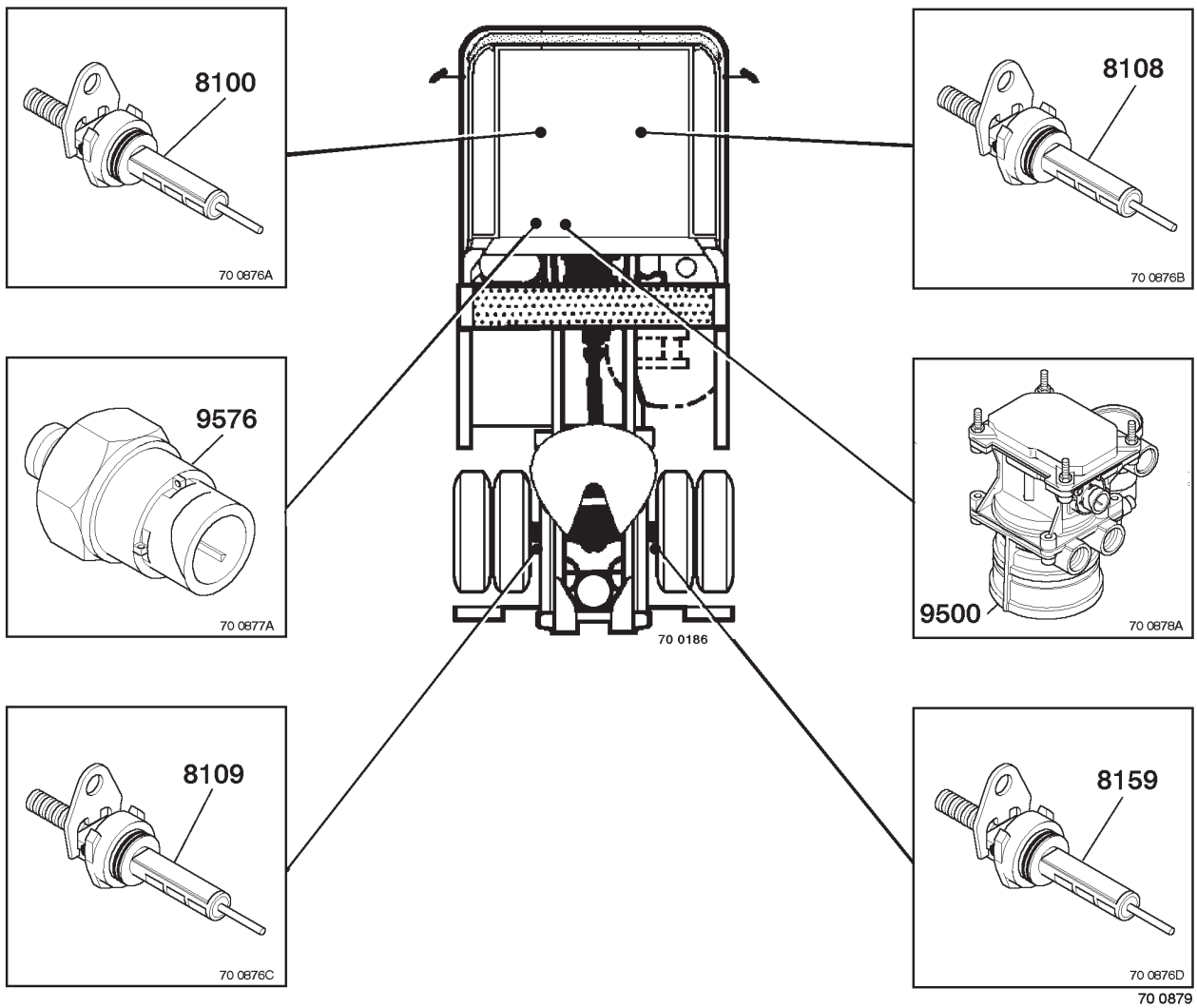


“EBS” equipment

Electronic air suspension

Layout of appliances on chassis

Appliance	Plate
9500 – “EBS” trailer module	20N
9513 – “EBS” drive axle rear module	20N
9530 – “EBS” Front module	20N
9560 – “EBS” rear axle air springs pressure sensor	20N
9570 – LH front roadwheel speed sensor	20N
9571 – RH front roadwheel speed sensor	20N
9572 – LH rear roadwheel speed sensor	20N
9573 – RH rear roadwheel speed sensor	20N

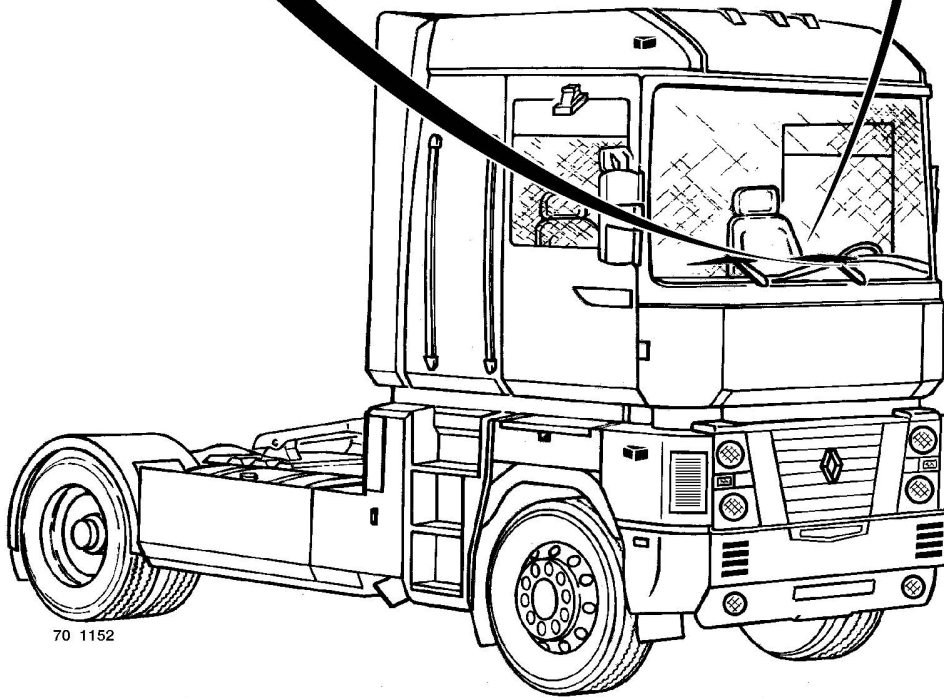
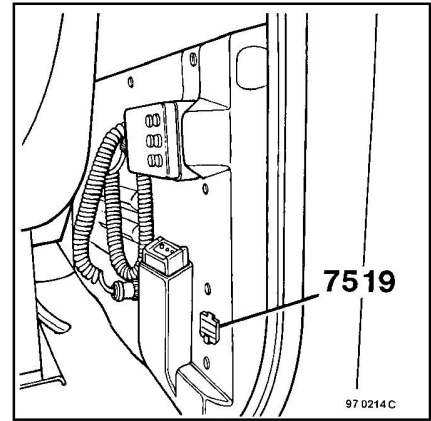
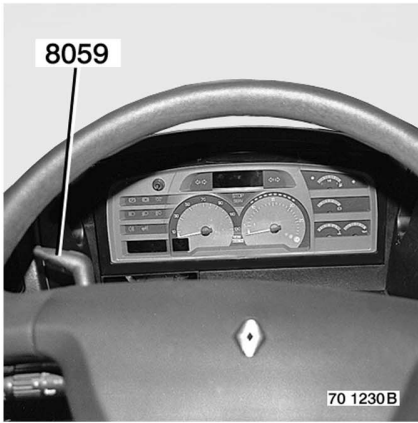


“EBS” equipment

Electronic air suspension

Layout of appliances on chassis

Appliance	Plate
8100 – LH front brake pad wear sensor	20N
8108 – RH front brake pad wear sensor	20N
8109 – LH rear brake pad wear sensor	20N
8159 – RH rear brake pad wear sensor	20N
9500 – “EBS” trailer module	20N
9576 – Parking pressure switch (air supply trip-off)	20M



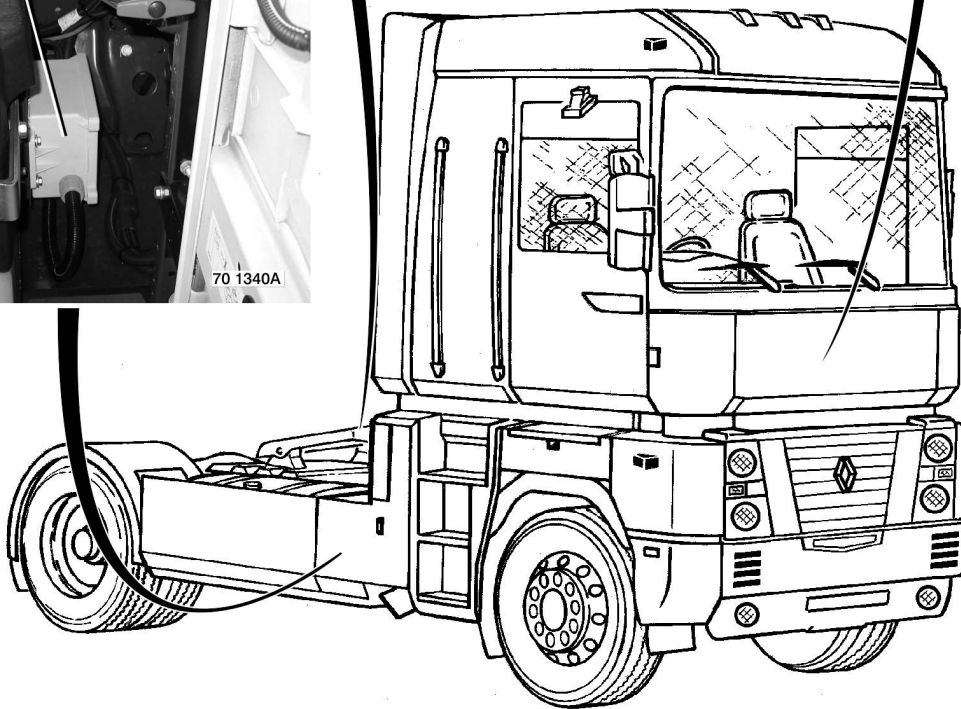
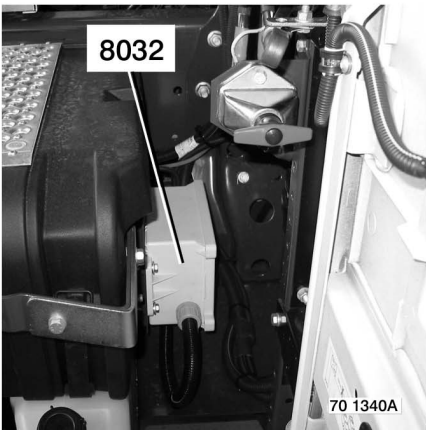
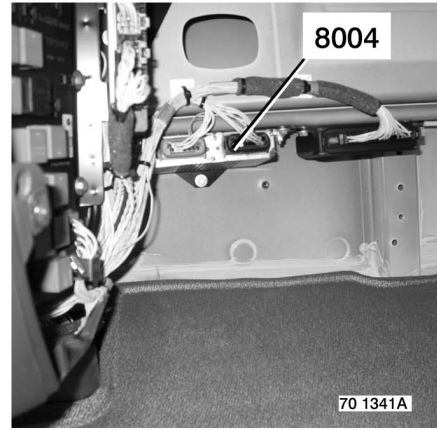
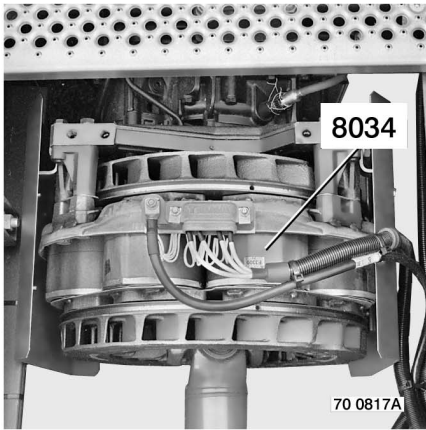
70 1152

70 1217

Retarders

Layout of appliances in cab

Appliance	Plate
7519 – Diagnostics socket	07M
8035 – Electric or hydraulic retarder warning lamp	–
8059 – Electric or hydraulic retardation control	16M/N/P

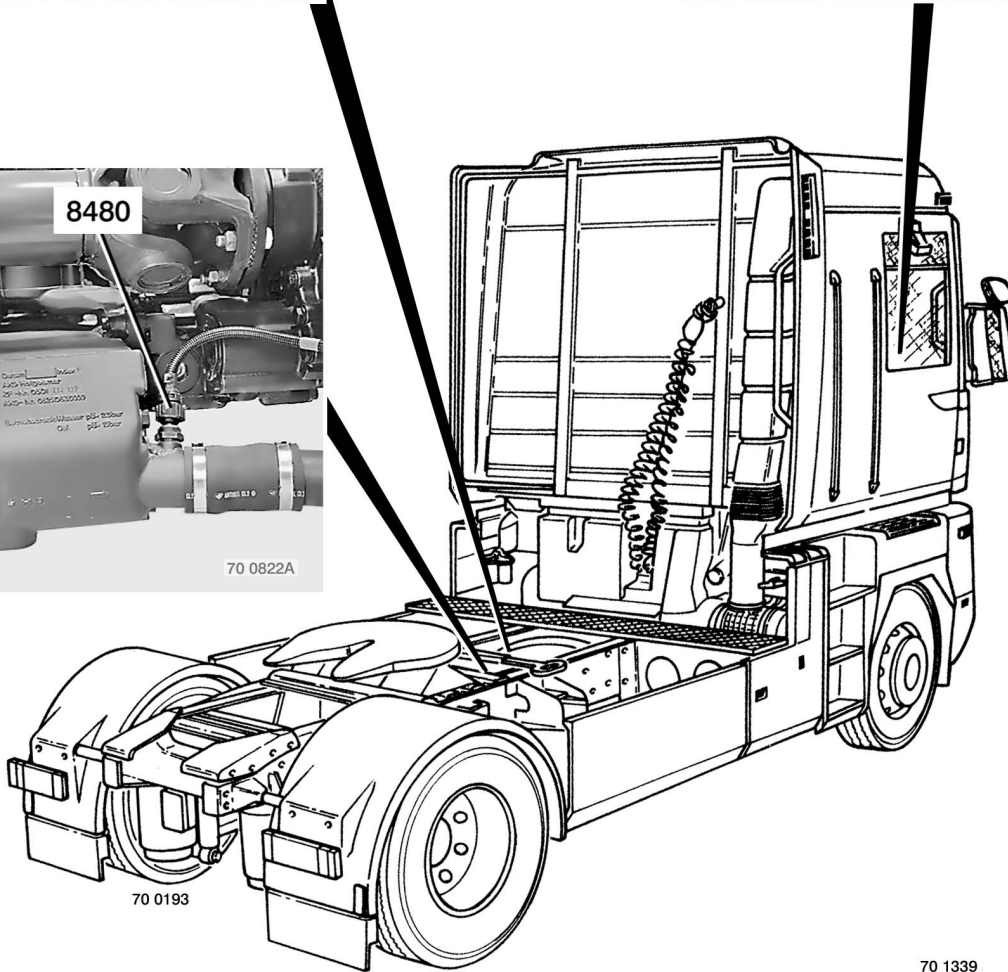
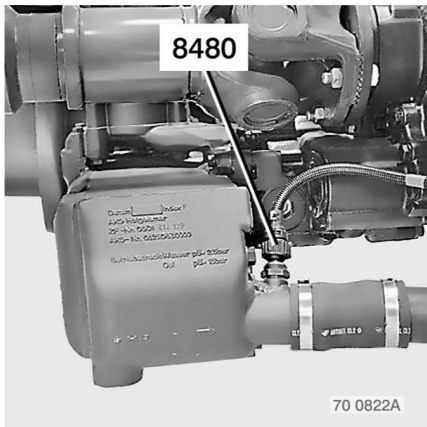
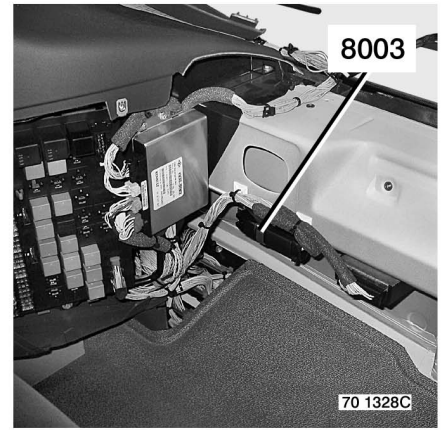
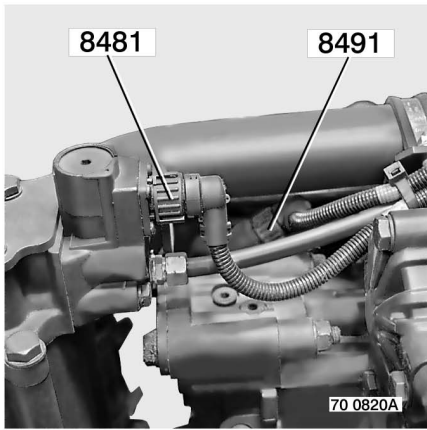


70 1342

Electric retarder

Layout of appliances on chassis

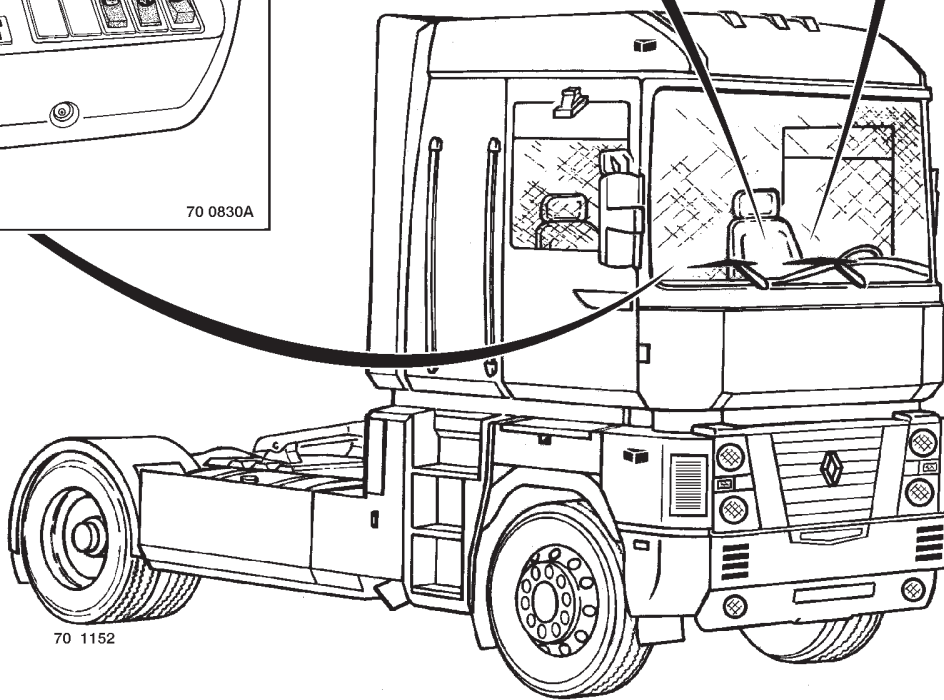
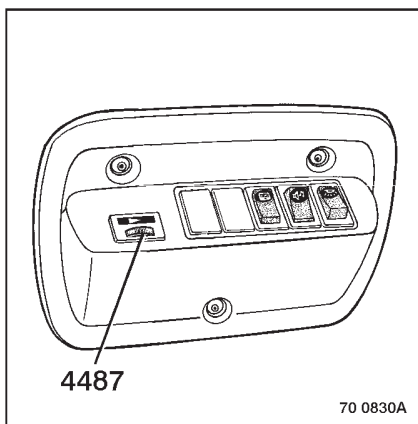
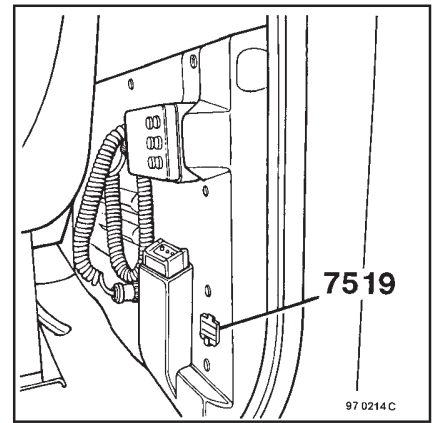
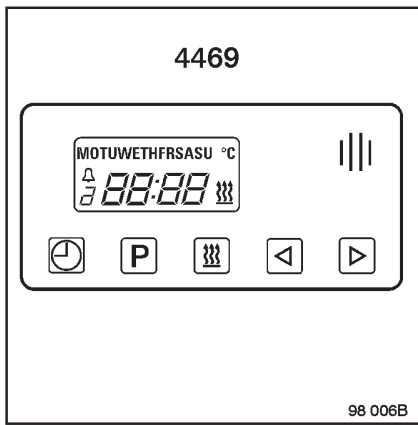
Appliance	Plate
8004 – Electric retarder ECU	16P
8032 – Electric retarder relay box	16P
8034 – Electric retarder	16P



Hydraulic retarder

Appliance

	Plate
8003 – Hydraulic retarder ECU	16N
8480 – Hydraulic retarder cooling system temperature sensor	16N
8481 – Air tank electrovalve	16N
8491 – Hydraulic retarder proportional opening solenoid valve	16N



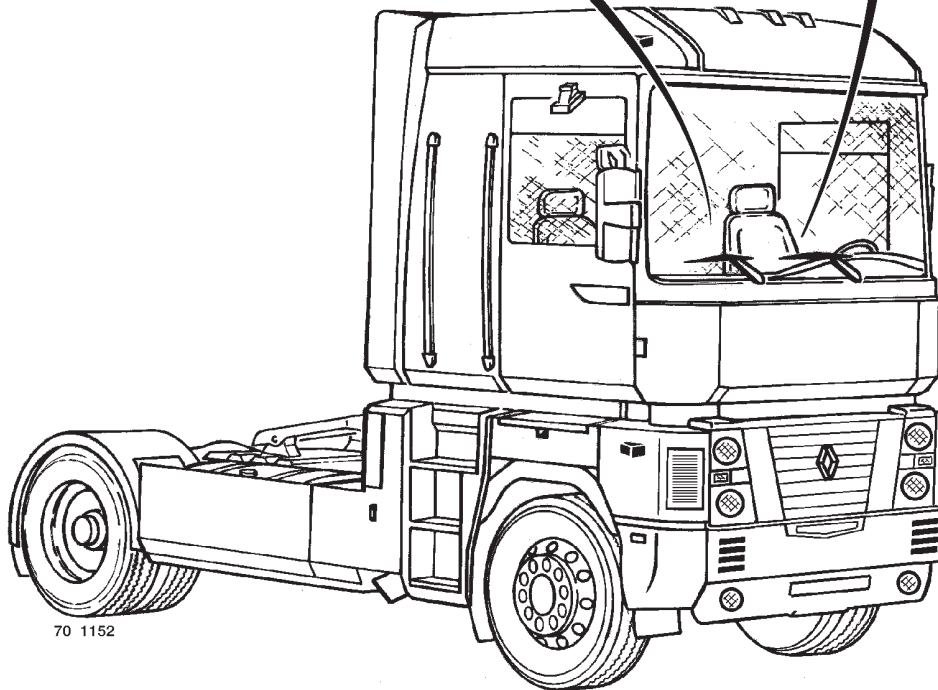
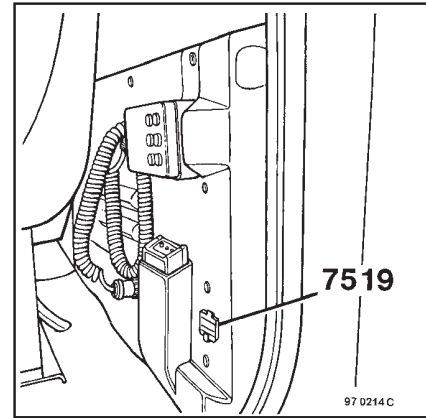
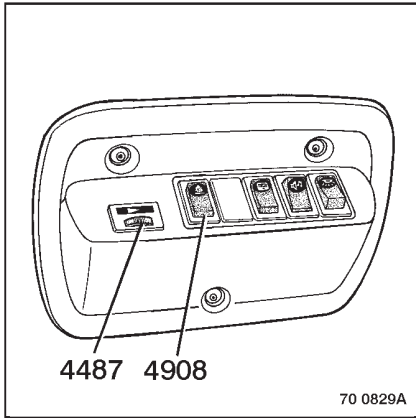
70 1152

70 1243

Independent heater “AT2000S”

Layout of appliances in cab

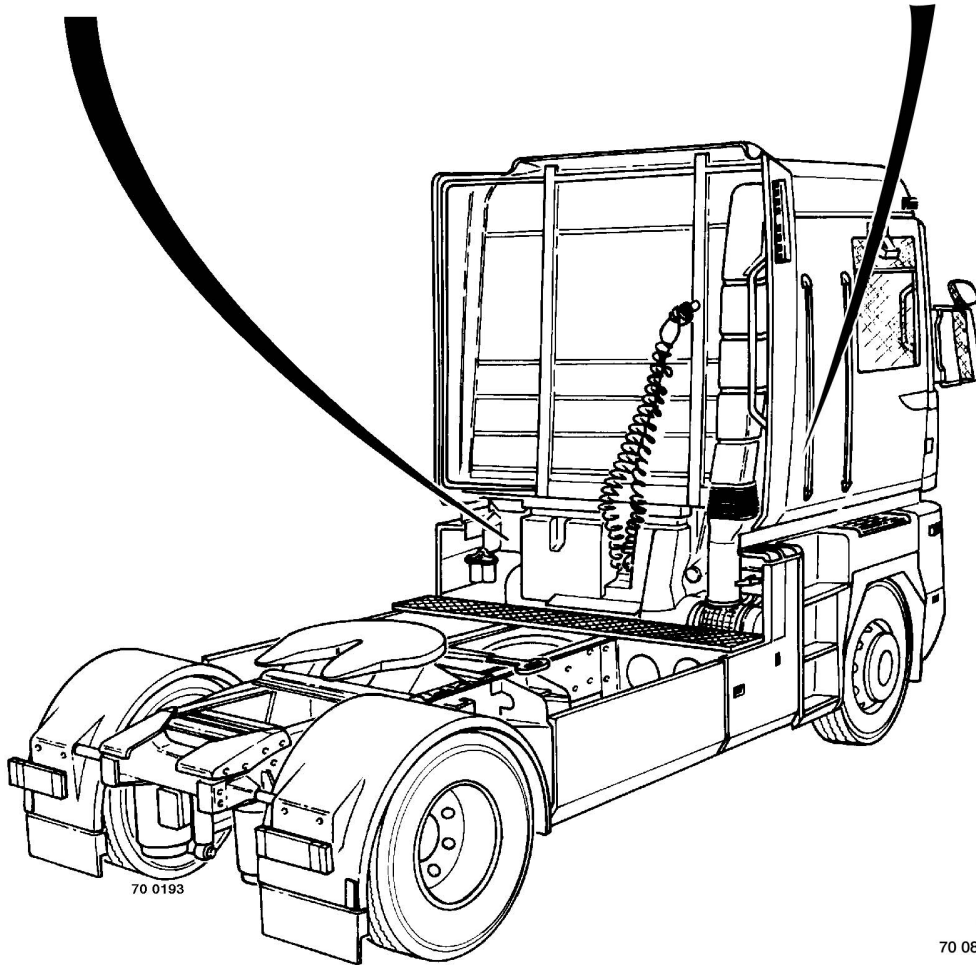
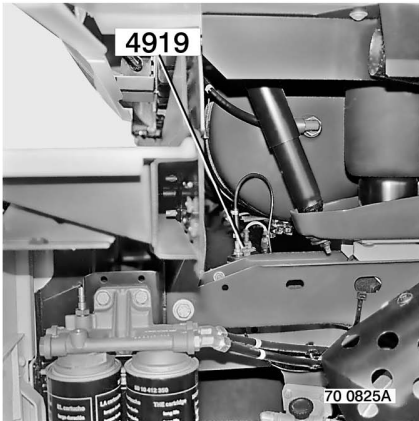
Appliance	Plate
4469 – Independent heating timer control	17R
4487 – Temperature control unit	17R
7519 – Diagnostics socket	07M



Independent heater “AT2000S (ADR)”

Layout of appliances in cab

Appliance	Plate
4487 – Temperature control unit	17P
4908 – Independent heater start-up control	17P
7519 – Diagnostics socket	07M

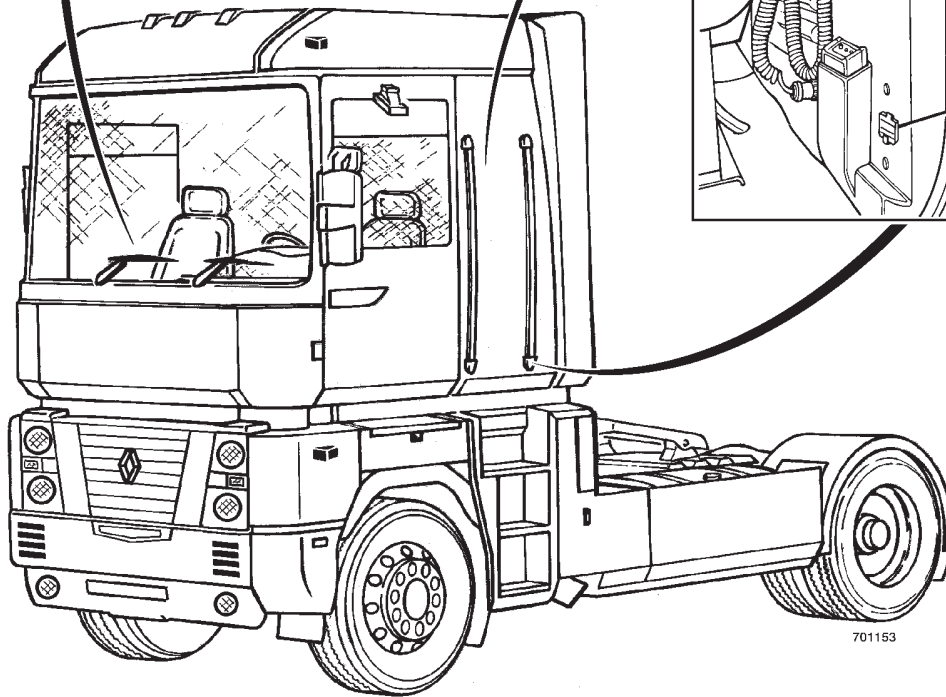
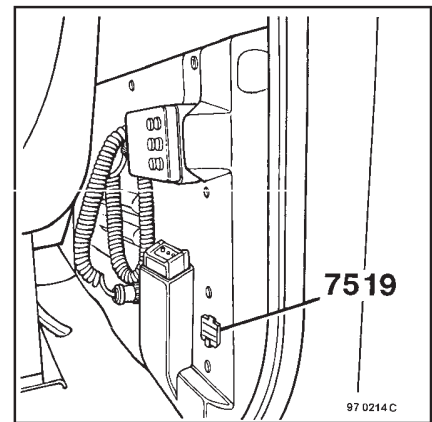
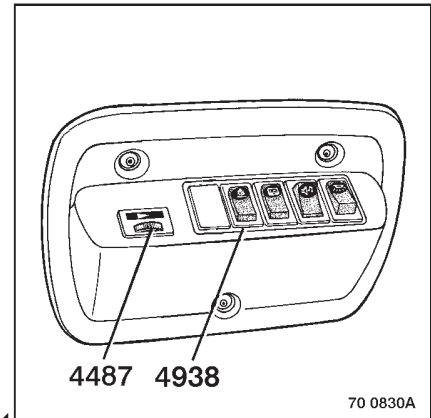
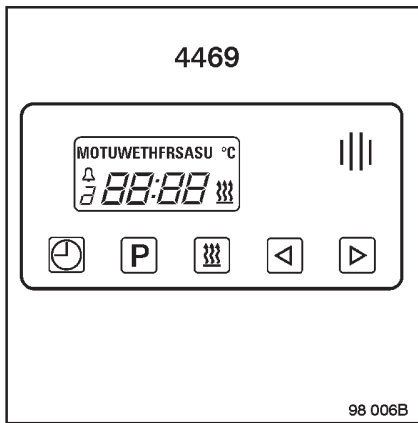


Independent heater “AT2000S”

Appliance

Plate

4423 – Independent heater	17P/R
4919 – Fuel feed pump	17P/R



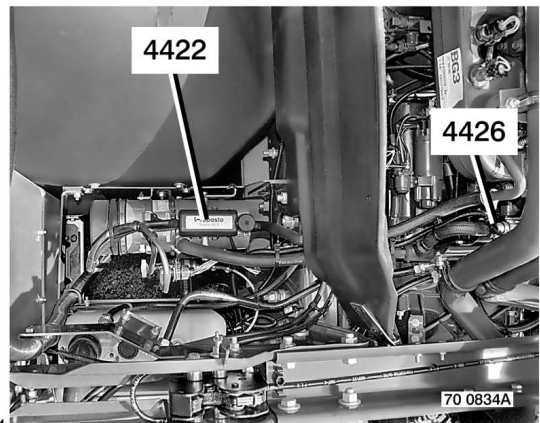
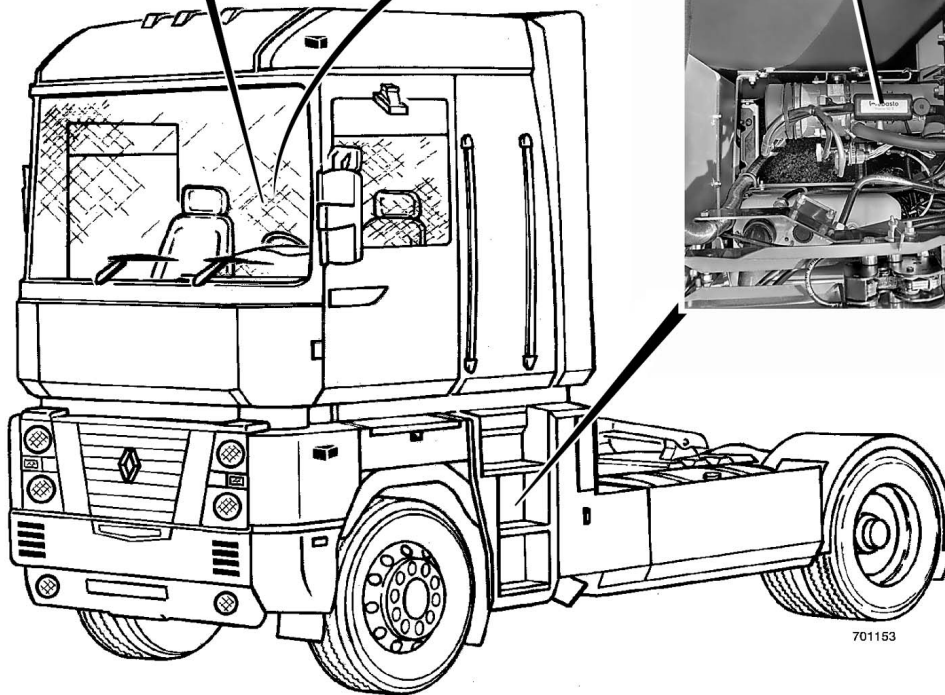
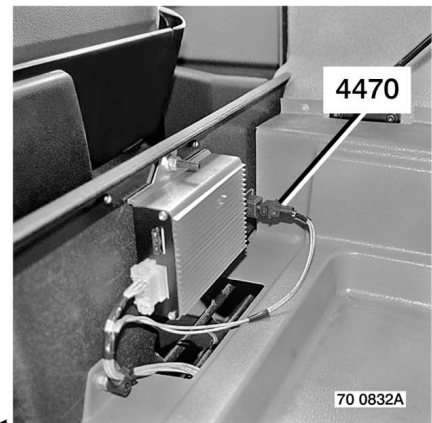
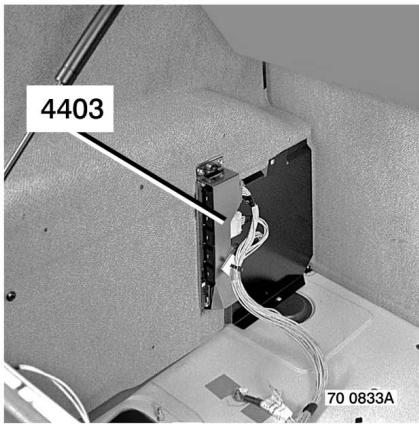
701153

70 1245

Independent heater “THERMO 90S”

Layout of appliances in cab

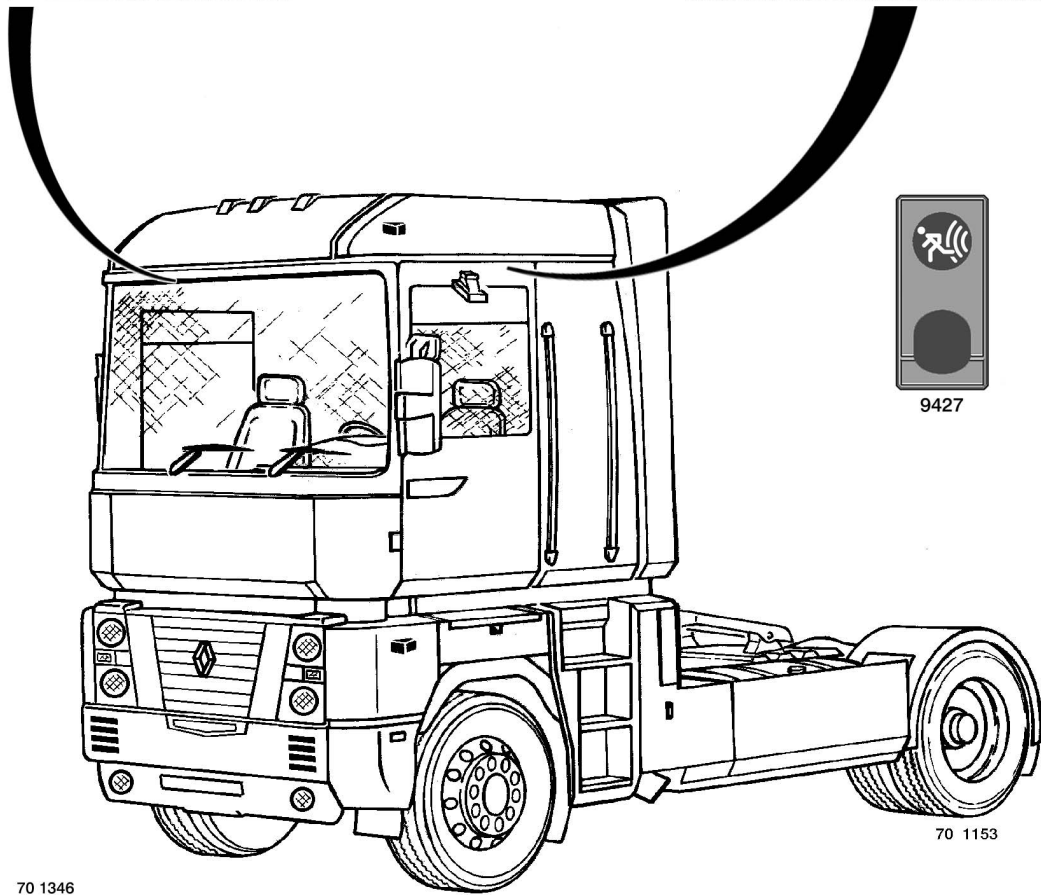
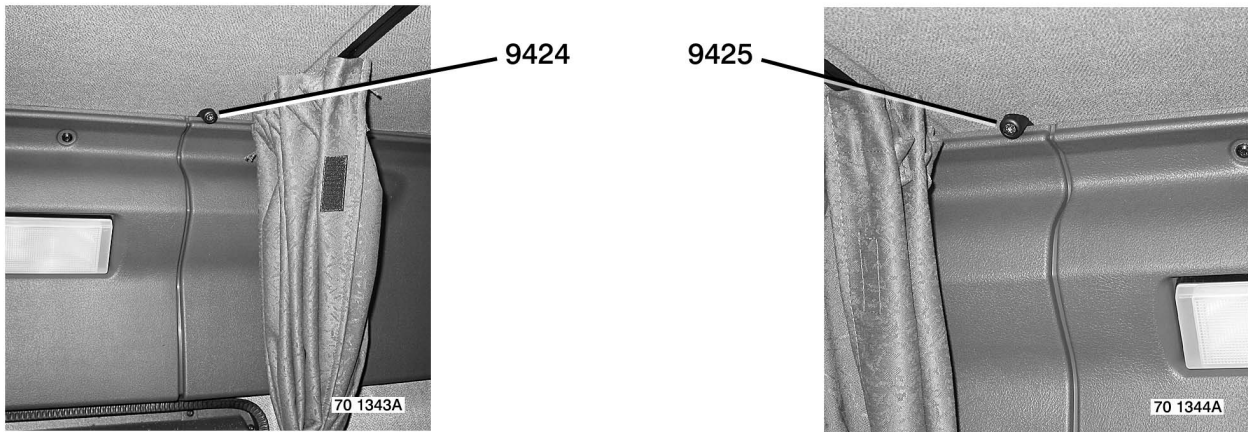
Appliance	Plate
4469 – Independent heating timer control	17N
4487 – Temperature control unit	17N
4938 – Cooling circuit main solenoid valve control	17N
7519 – Diagnostics socket	07M



70 1246

Independent heater “THERMO 90S”

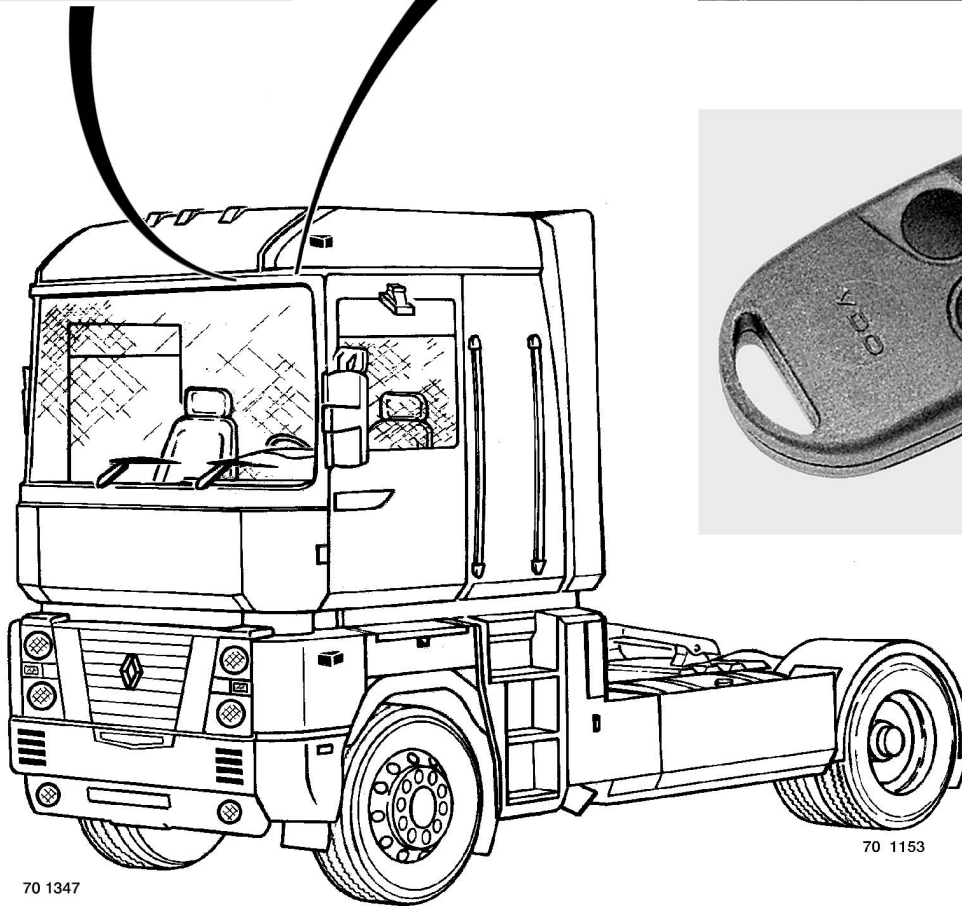
Appliance	Plate
4403 – Fuel filter preheater	17N
4422 – Independent heater	17N
4426 – Main water circuit solenoid valve	17N
4470 – Interior temperature sensor	17N



Alarm

Layout of appliances in cab

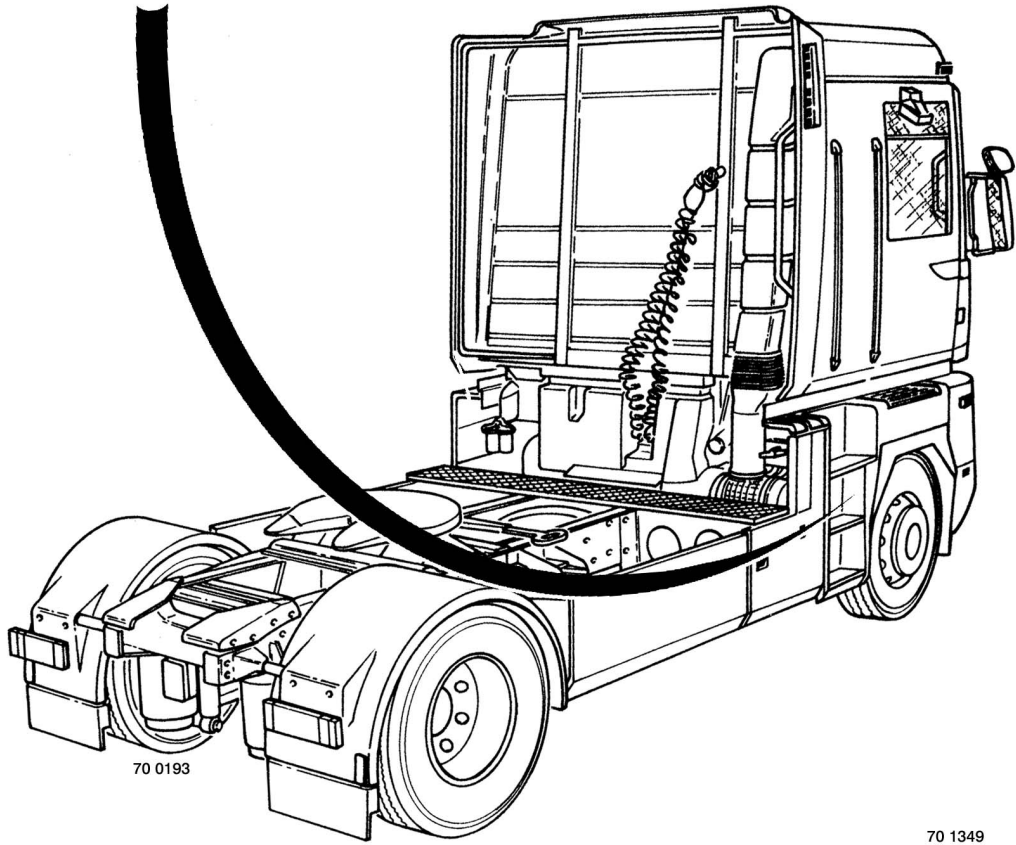
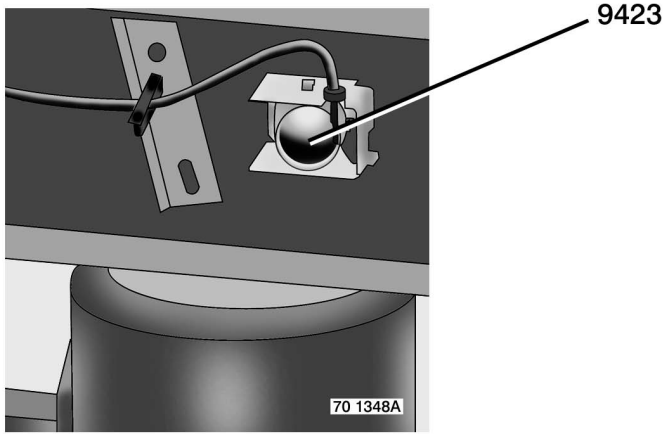
Appliance	Plate
9424 – Ultrasound transmitter	08P
9425 – Ultrasound receiver	08P
9427 – Anti-aggression control	08P



Alarm

Layout of appliances in cab

Appliance	Plate
3999 – Infrared remote control box	–
9420 – Anti-theft alarm ECU	08P/R
9426 – Road train surveillance module	08P



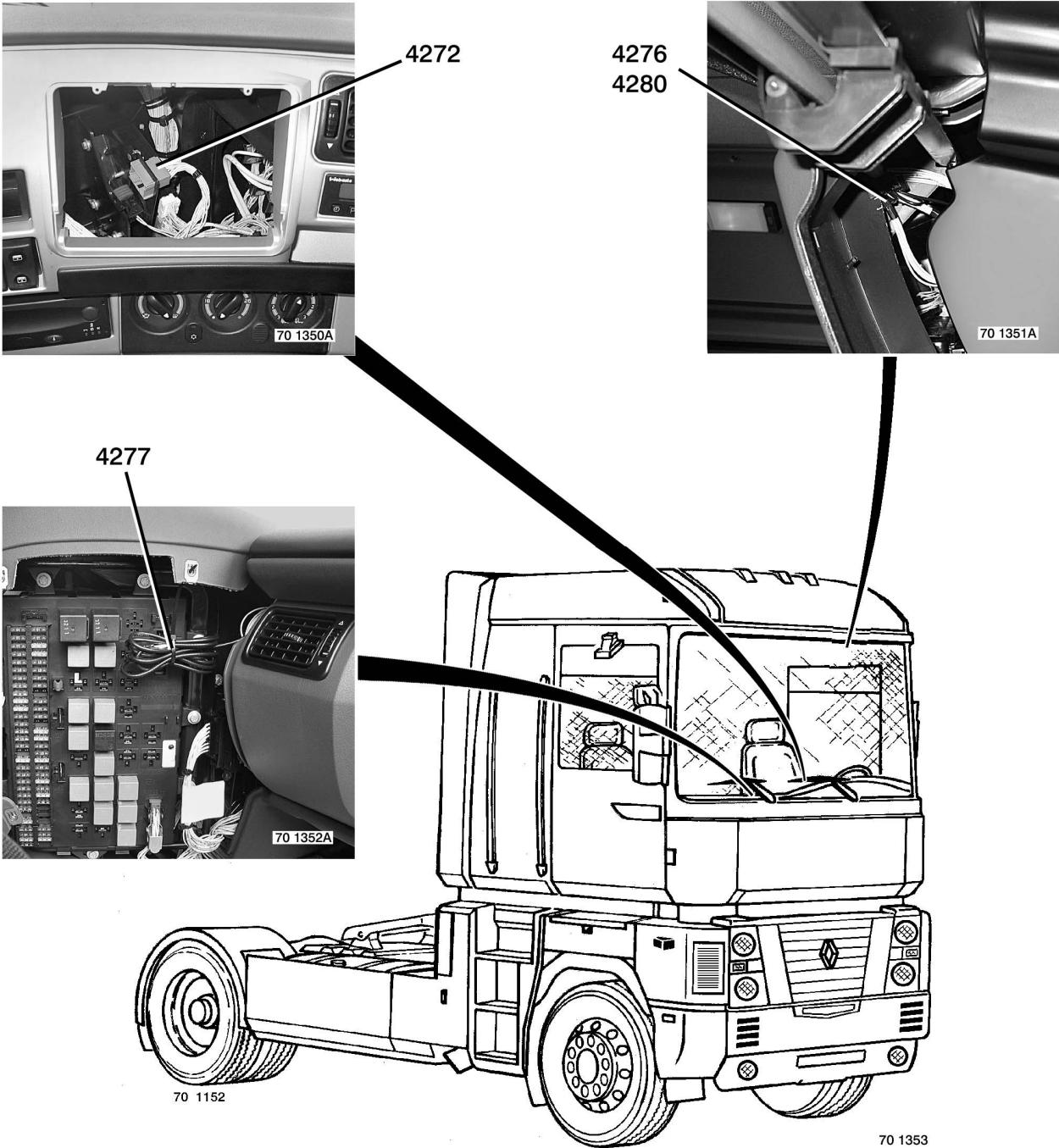
Alarm

Layout of appliances on chassis

Appliance

Plate

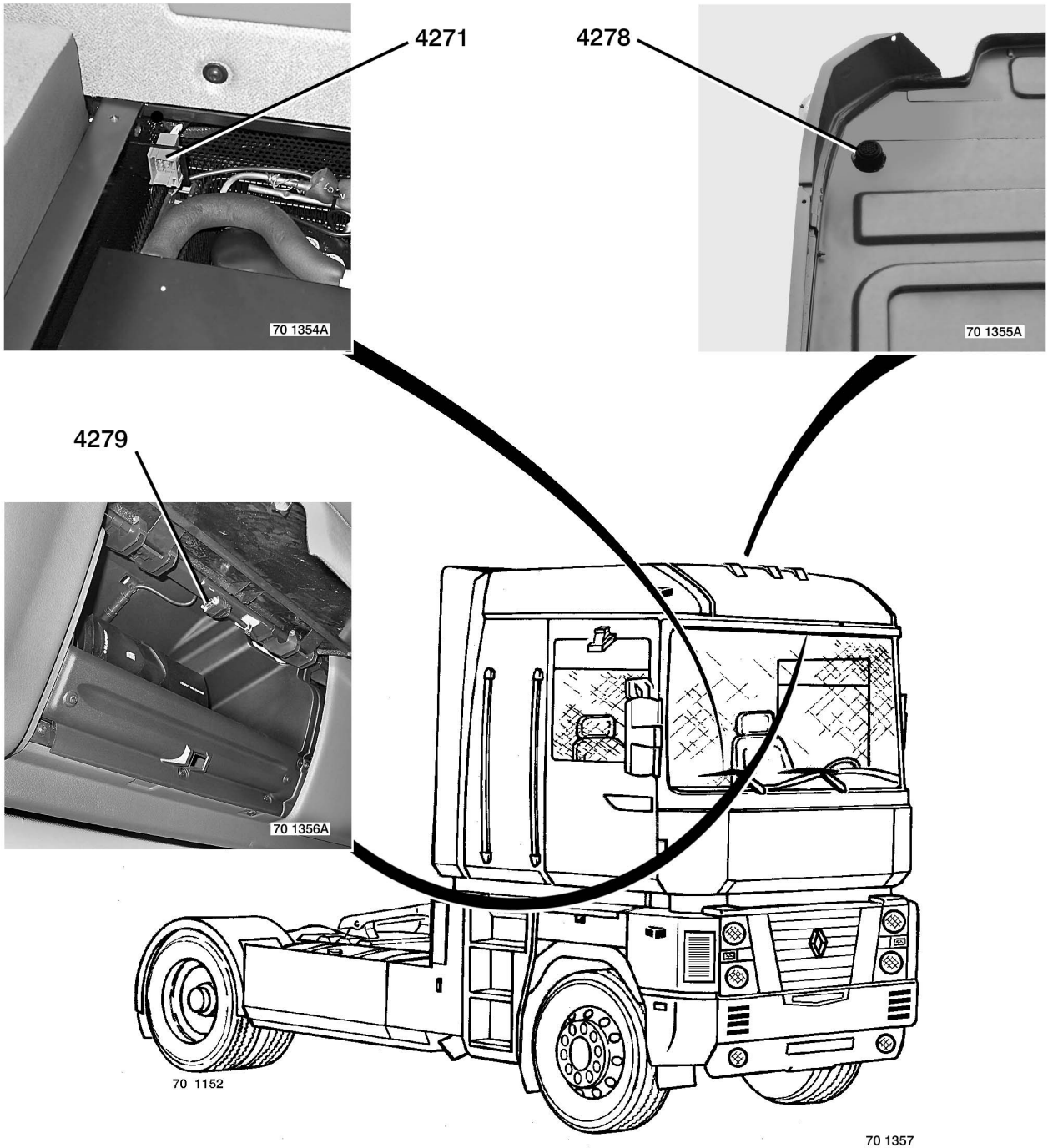
9423 – Anti-theft alarm siren	08P/R
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Onboard management prearrangement (TMC 2001)

Layout of appliances in cab

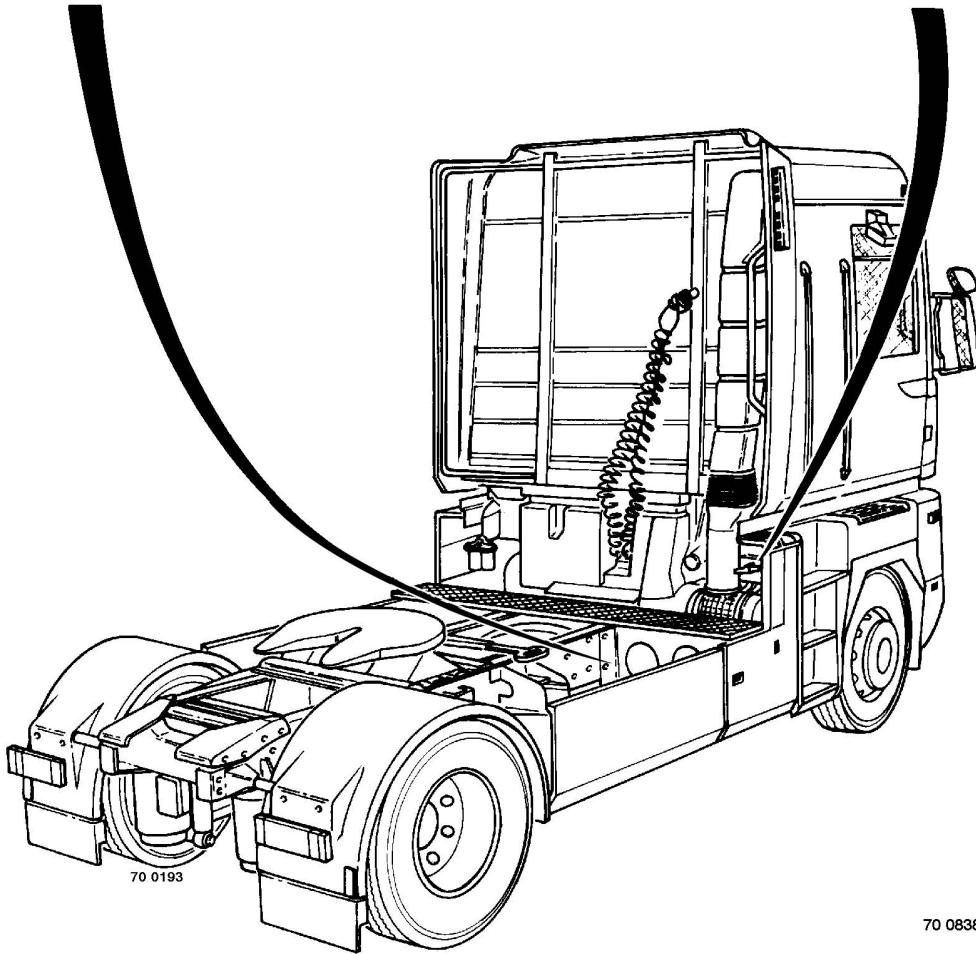
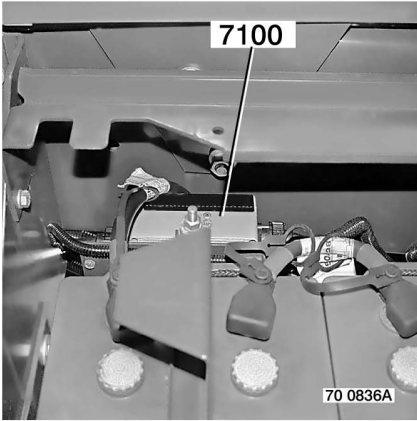
Appliance	Plate
4272 – Onboard management prearrangement (computer)	30R
4276 – Onboard management prearrangement (antenna positioning)	30R
4277 – Onboard management prearrangement (antenna telecommunication)	30R
4280 – Onboard management prearrangement (positioning module)	30R



Onboard management prearrangement (EUTELTRACS)

Layout of appliances in cab

Appliance	Plate
4271 – Onboard management prearrangement (ECU)	30S
4278 – Onboard management prearrangement (antenna satellite)	30S
4279 – Onboard management prearrangement (screen and keyboard)	30S



70 0193

70 0838

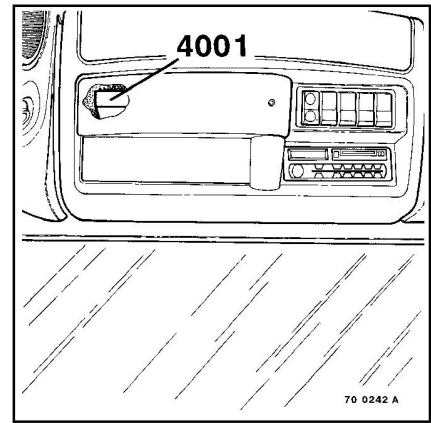
ADR equipment

Layout of appliances on chassis

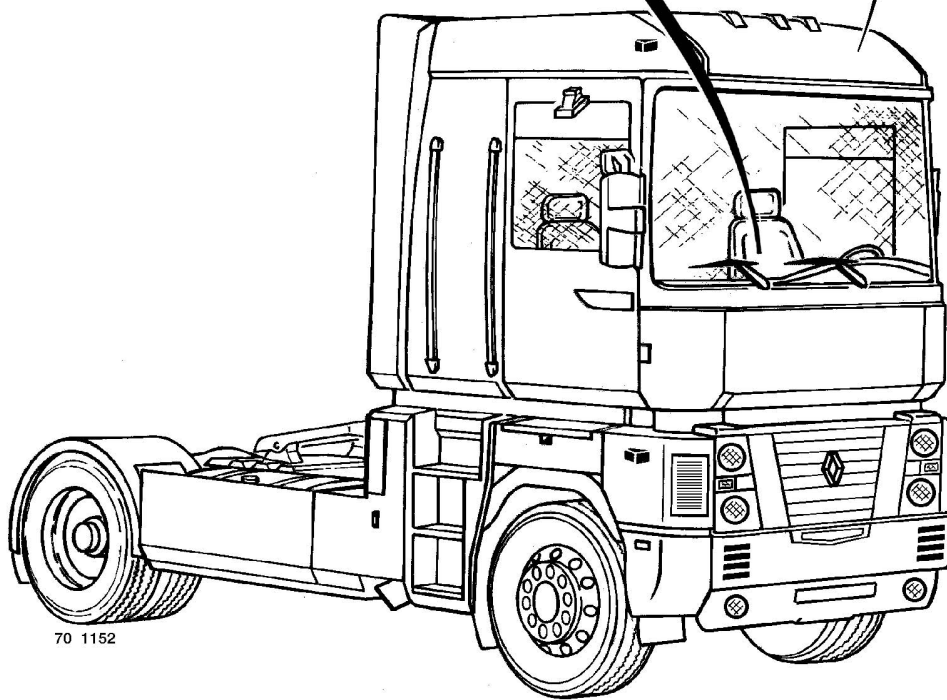
Appliance	Plate
2171 – ADR master switch	01T
7100 – Current limiter	01T



3101



4001



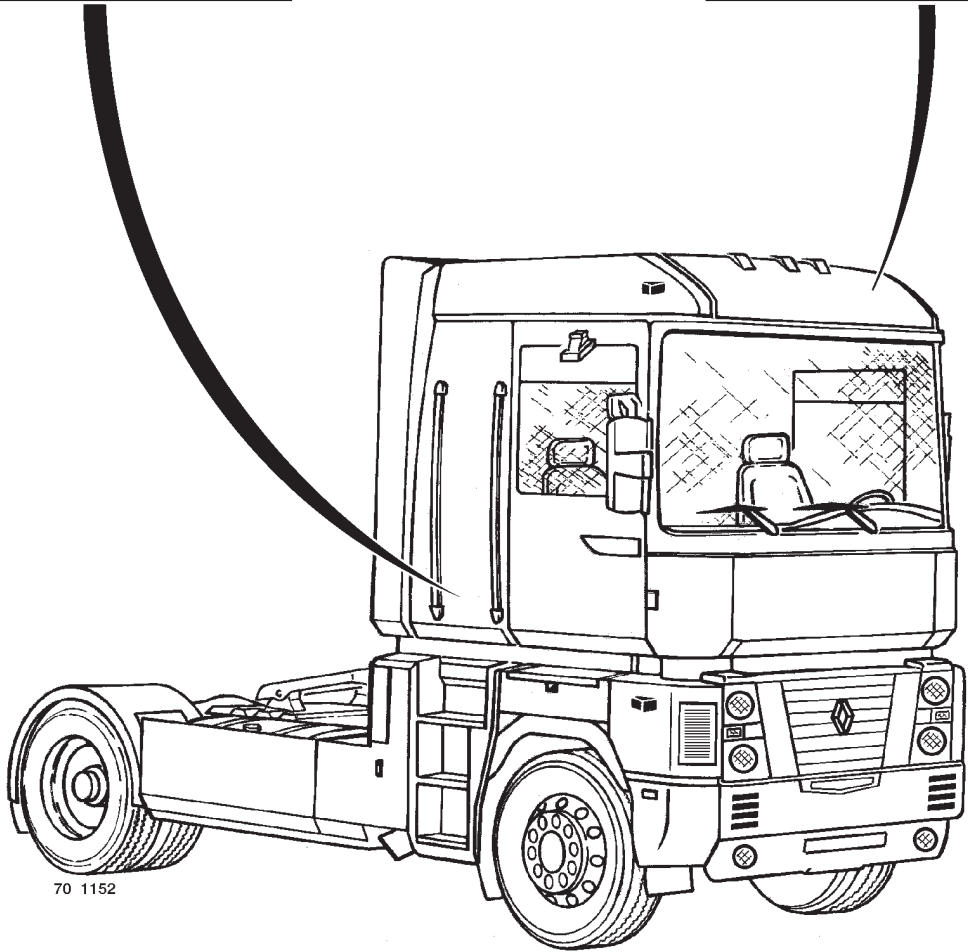
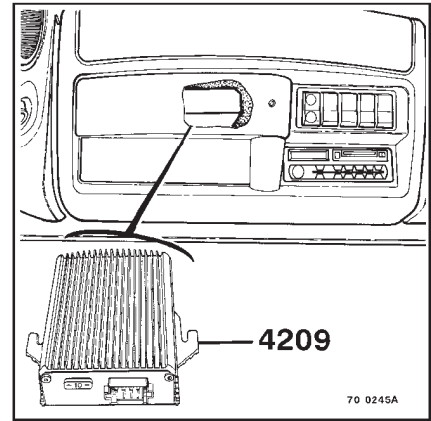
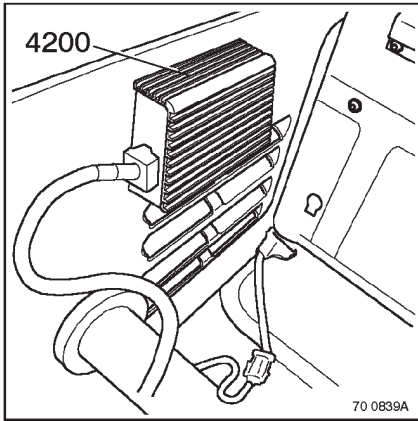
70 1152

70 1358

Cab-mounted electronic boxes

Layout of appliances in cab

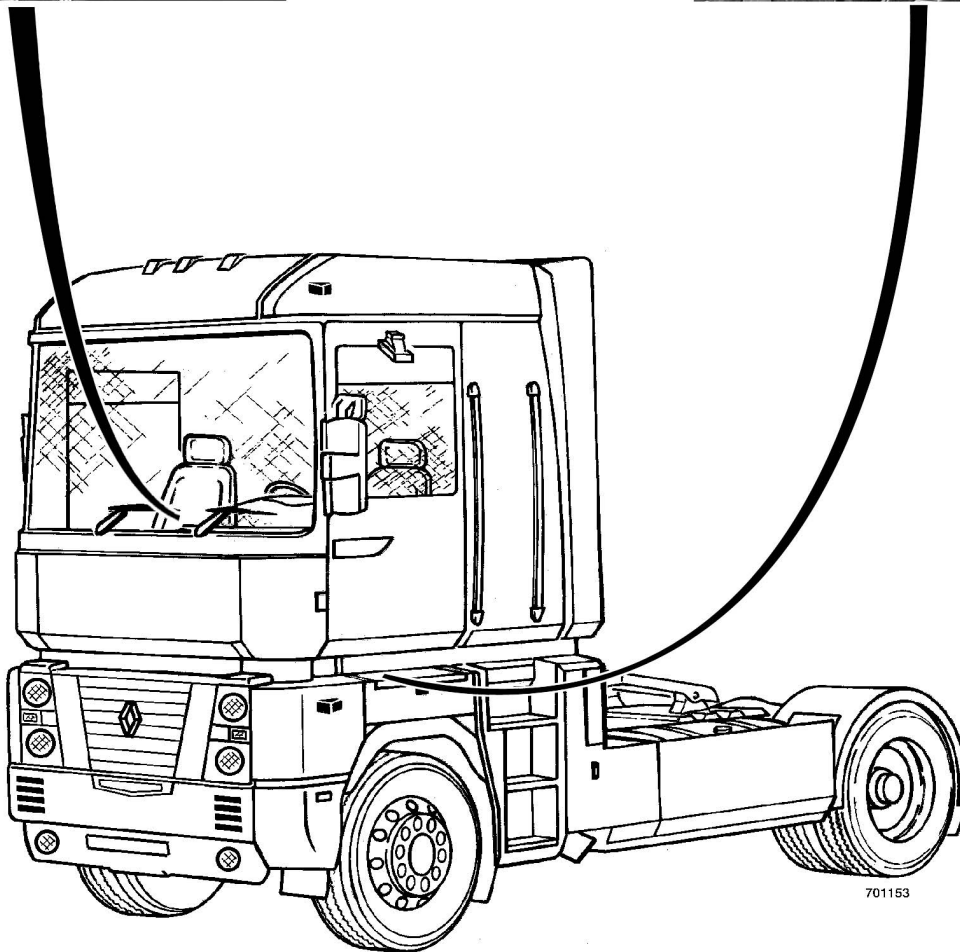
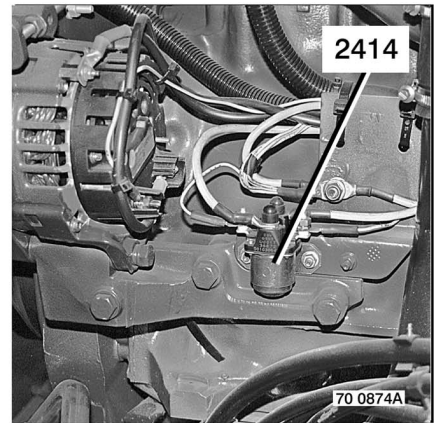
Appliance	Plate
3101 – Flasher unit	05M
4001 – Doors central locking box	08M



Voltage dropper

Layout of appliances in cab

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



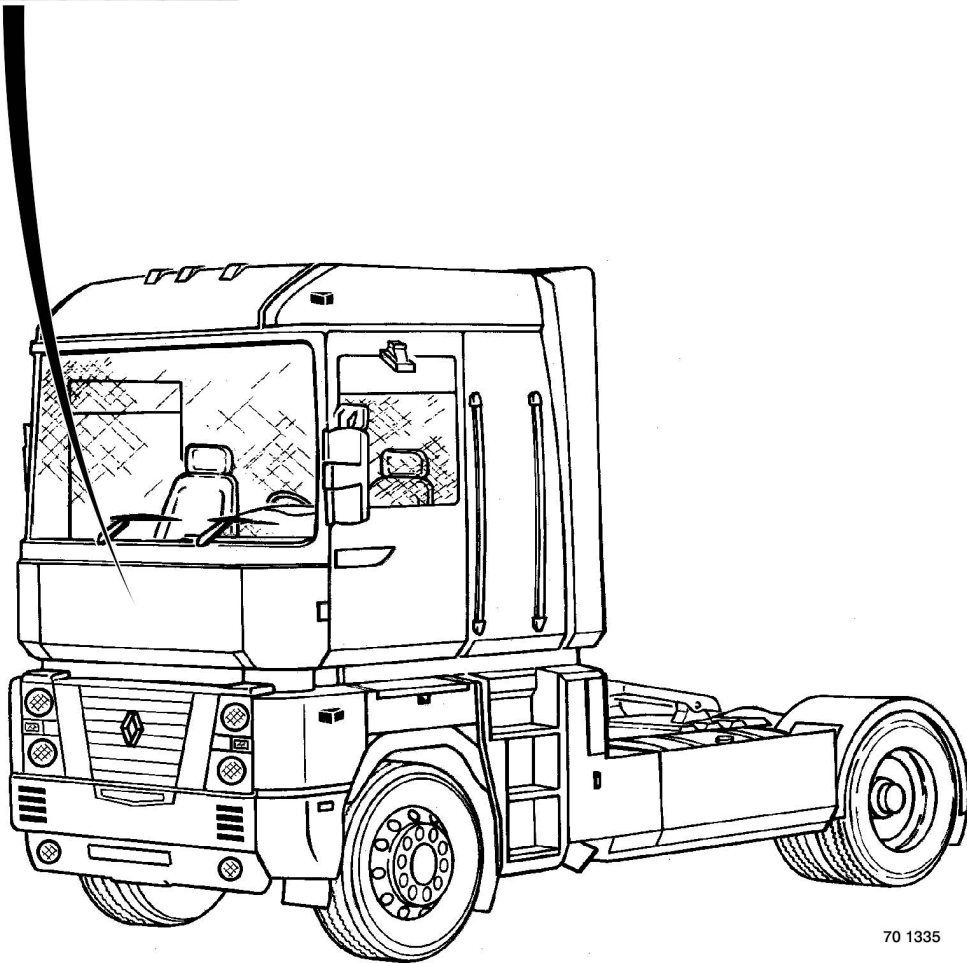
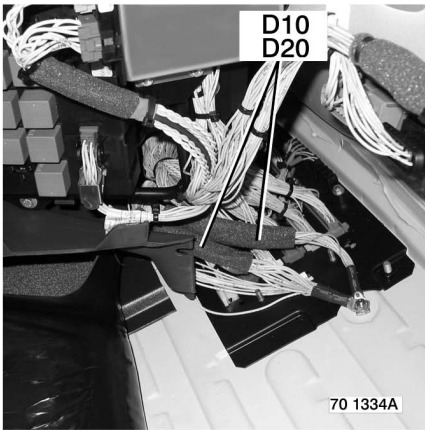
701153

70 1359

Relays away from connection unit

Layout of appliances on engine

Appliance	Plate
2414 – Preheating relay	02M
8527 – Cab tilting relay	29M



70 1335

Diodes away from connection unit

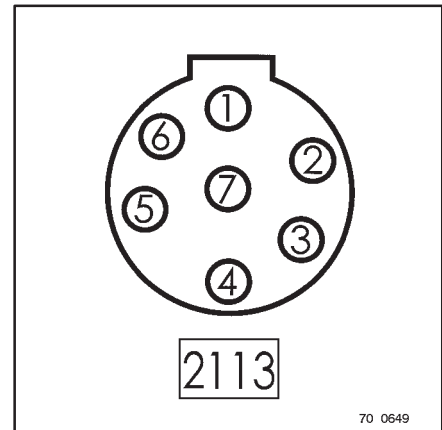
Layout of appliances in cab

Appliance	Plate
D10 – Relay RP1 coil voltage surge chopper	01P
D20 – Relay RP2 coil voltage surge chopper	01R

Trailer sockets

2113 – Trailer socket, 7–pin type 24 N

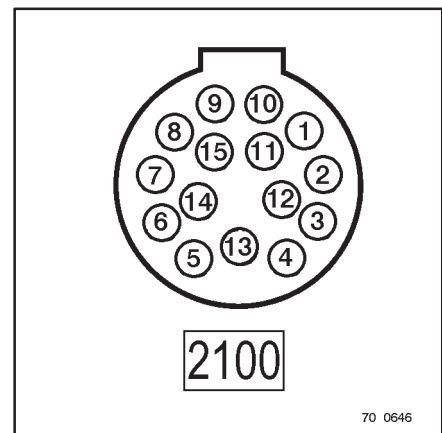
Terminal	Assignment	Fuse	Amp
1	Earth	–	–
2	Trailer LH side/parking lights	F4	10A
3	Trailer LH flashing lights	F45	20A
4	Trailer stop lights	F27	10A
5	Trailer RH flashing lights	F45	20A
6	Trailer RH side/parking lights	F4	10A
7	Available	–	–



70 0649

2100 – Trailer socket, 15–pin

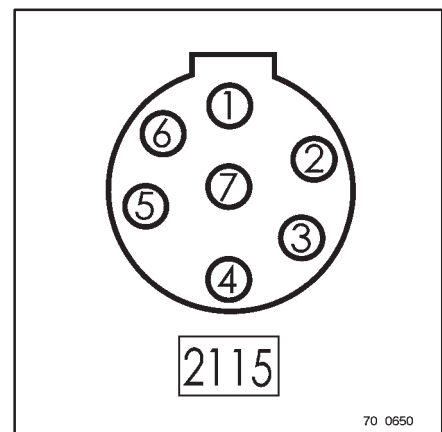
Terminal	Assignment	Fuse	Amp
1	Trailer LH flashing lights	F45	20A
2	Trailer RH flashing lights	F45	20A
3	Trailer fog lights	F8	10A
4	Earth	–	–
5	Trailer LH side/parking lights	F4	10A
6	Trailer RH side/parking lights	F4	10A
7	Trailer stop lights	F27	10A
8	Trailer reversing lights	F16	10A
9	Trailer working spotlight	F43	10A
10/15	Available	–	–



70 0646

2115 – “24 S” type 7–pin trailer socket

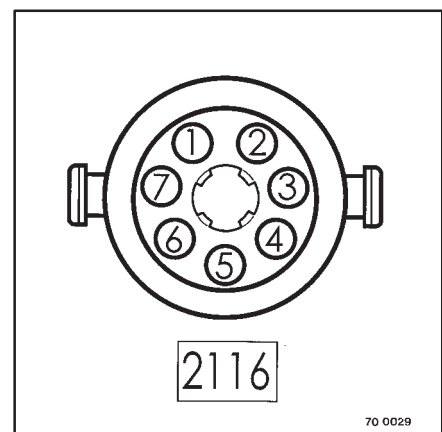
Terminal	Assignment	Fuse	Amp.
1	Earth	–	–
2	Perimetric protection module	–	–
3	Trailer reversing lights	F16	10A
4	Trailer working spotlight	F43	10A
5	Trailer “EBS” safety tell–tale light	–	–
6	Trailer + 24V power supply	F1	10A
7	Trailer rear fog lights	F8	10A



70 0650

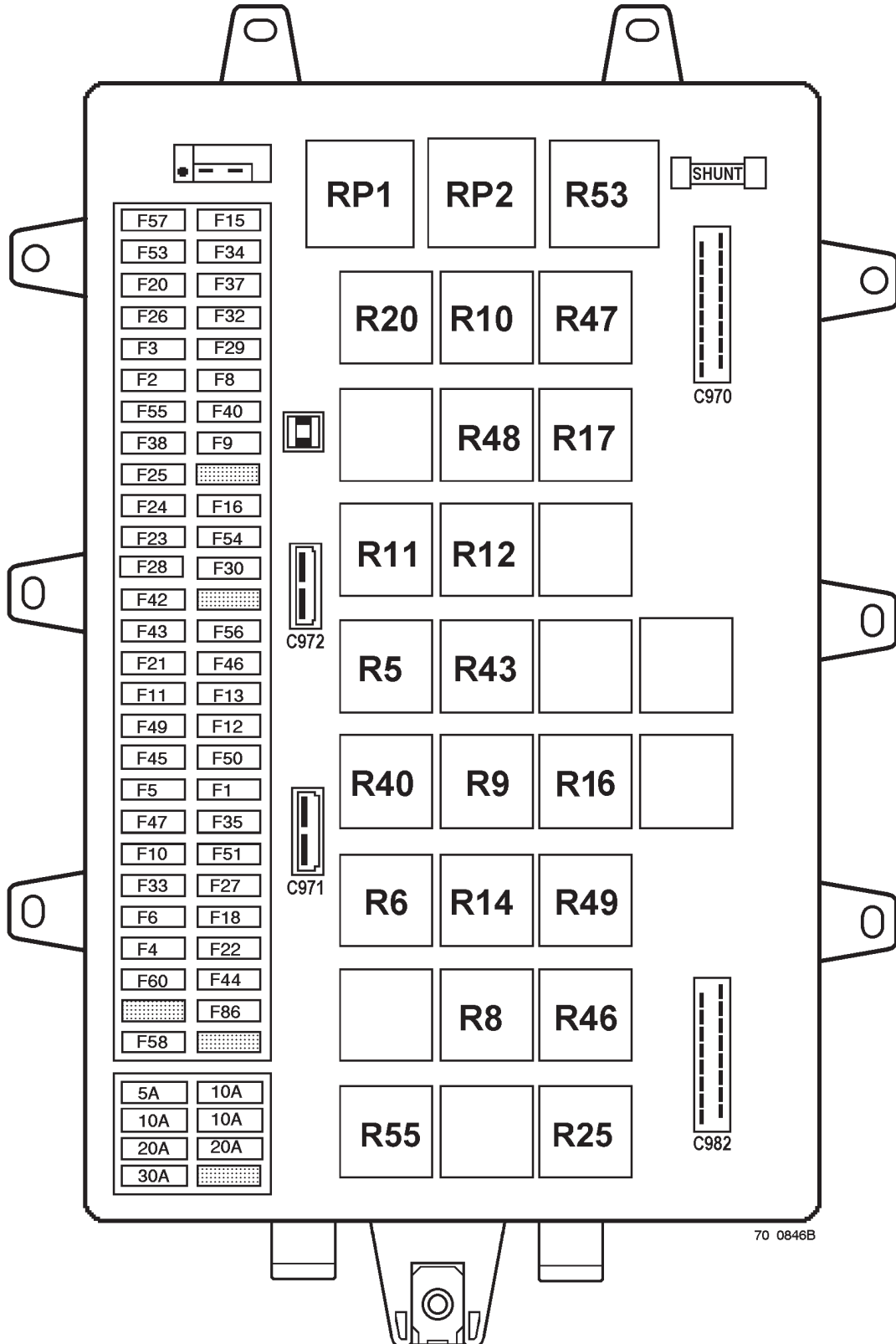
2116 – Trailer socket, 7–pin type “EBS”

Terminal	Assignment	Fuse	Amp
1	Power supply (after master switch)	F26	20A
2	Power supply (after ignition)	F1	10A
3	Earth	–	–
4	Earth	–	–
5	Trailer “EBS” safety warning light	–	–
6	“EBS” ECU	–	–
7	“EBS” ECU	–	–



70 0029

FUSES / RELAYS / DIODES



70 0846B

FUSES

Table of fuses on connection unit

Assignment	Item	Amp.	Folio
Trailer socket, 7-pin type "EBS"	F1	10	01P
Trailer socket, 7-pin type 24 S	F1	10	01P
Engine preheating control	F1	10	01P
Electric or hydraulic retarder control	F1	10	01P
RH side/parking lights	F2	10	04M
RH marker lights	F2	10	04M
RH central marker lights	F2	10	04M
LH side/parking lights	F3	10	04N
LH marker lights	F3	10	04N
LH central marker lights	F3	10	04N
Trailer side/parking lights	F4	10	15M/N
Available power supply (lighting)	F5	10	04P
Available power supply (roof light bank)	F5	10	04P
Dashboard instruments lighting	F6	10	04P
Switch lighting	F6	10	04P
Headlamps wash time-delay relay	F6	10	04P
Fog light(s)	F8	10	04S
Fog lights warning light	F8	10	04S
Fog driving lights	F9	10	04S
Fog driving lights warning light	F9	10	04S
RH main beam headlight	F10	10	04R
LH main beam headlight	F11	10	04R
Main beam headlights warning light	F11	10	04R
LH dipped beam headlight	F12	10	04R
Dipped beam headlights warning light	F12	10	04R
RH dipped beam headlight	F13	10	04R
Windscreen wiper relay	F15	10	01P
Anti-theft alarm ECU	F15	10	01P
Anti-theft electronic box	F16	10	01P
"AIRBAG" ECU	F16	10	01P
Defrosting rearview mirror control	F16	10	01P
Air pressure gauge	F16	10	01P
Reversing buzzer	F16	10	01P
Air conditioning	F18	20	01R
"EBS" ECU	F20	20	20M
Power supply (after master switch)	F21	15	30M
Independent heater	F22	30	01R
Ventilation control box	F22	30	01R
Independent heater programming control	F22	30	01R
Main water circuit solenoid valve	F22	30	01R
3-level air conditioning pressure controller	F22	30	01R
Air conditioning relay	F22	30	01R
Step light	F23	20	10N
Overhead light(s)	F23	20	10N
Voltage dropper (telecommunications)	F23	20	10N
Map reader	F23	20	10N
Gearbox ECU "ASTRONIC"	F24	20	23M
Tachograph clock	F25	5	06M
Trailer socket, 7-pin type "EBS"	F26	20	15M/N
Stop lights	F27	10	05N
Trailer stop lights	F27	10	05N
Hydraulic retarder ECU	F28	10	16N
LH swivelling defrosting rearview mirror	F29	10	09M
RH swivelling defrosting rearview mirror	F29	10	09M
Headlamps adjustment motors	F30	10	14M

FUSES

Table of fuses on connection unit

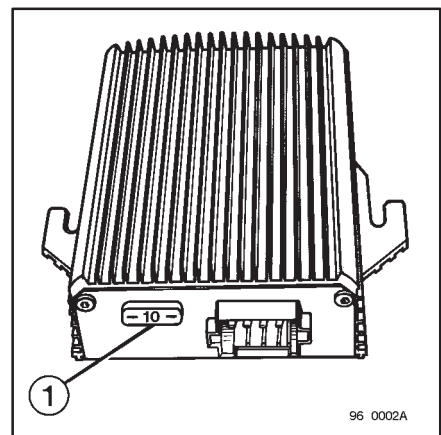
Assignment	Item	Amp.	Folio
Radio	F30	10	14M
Windscreen wiper motor	F32	20	11M
Windscreen washer pump	F32	20	11M
Headlamps washer pump	F32	20	11M
Diagnostics socket	F33	10	07M
Suspension ECU	F33	10	07M
Radio tuner + 24 Volts power supply	F34	10	01R/T
Independent heater programming control	F34	10	01R/T
Anti-theft alarm siren	F34	10	01R
Available power supply (after ignition key)	F35	10	30M
Horn	F37	20	05M
2-tone horn solenoid valve	F37	20	05M
Self-tracking axle electrovalve	F37	20	05M
Roof air vent motor	F37	20	05M
Principal display	F38	5	01R
Available relay(s)	F40	10	30M
Gearbox ECU "ASTRONIC"	F42	10	23M
Trailer + 24 Volts power supply	F43	15	10M
Onboard management prearrangement	F43	15	10M
Working spotlight (tractor)	F43	15	10M
Cab tilt pump	F44	30	29M
Passenger side electric door striker	F45	20	01M/T
Driver side electric door striker	F45	20	01M/T
Flasher unit	F45	20	01M/T
Hazard lights control	F45	20	01M/T
Doors central locking box	F45	20	01M/T
Anti-theft alarm ECU	F45	20	01M/T
Air dryer heater	F46	20	01P
Centralized lubrication timer	F46	20	01P
Self-tracking axle safety relay	F46	20	01P
Suspension ECU	F47	10	01P
Suspension remote control box	F47	10	01P
Rear drive axle air springs pressure sensor	F47	10	01P
Reversing lights relay	F49	10	01R
Refrigerator	F50	20	14S
Heated driver's seat	F51	20	14M
Heated passenger seat	F51	20	14M
Voltage dropper (12V socket)	F51	20	14M
"SAE" plug socket	F51	20	14M
Cigar lighter	F51	20	14M
Refrigerant cylinder-holder	F51	20	14M
Video available power supply	F53	10	30M
Front sun blind motor	F54	10	14R
Side sun blind motors	F54	10	14R
Available power supply (after ignition key)	F55	10	30M
Available relay(s)	F55	10	30M
Window winder motor	F56	20	08N
Vehicle master ECU	F57	10	27N
Tachograph	F57	10	27N
"EUP" ECU	F58	20	27R
Exhaust brake electrovalve	F58	20	27R
"EBS" ECU	F60	5	20M
Hydraulic retarder ECU	F86	10	16N
Electric retarder ECU	F86	10	16P

FUSES

Fusible(s) away from connection unit

Voltage dropper

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



RELAYS

Table of relays on connection unit

Assignment	Item	Amp.	Folio
After ignition power supply relay N° 1	RP1	50	01P
After ignition power supply relay N° 2	RP2	50	01R
Side / parking lights relay	R5	20	04M
Comfort accessories relay	R6	20	14R
Lighting relay	R8	20	04P
Fog driving lights relay	R9	20	04S
Fog lights relay	R10	20	04S
Dipped beam headlights relay	R11	20	04R
Main beam headlights relay	R12	20	04R
Stop lights relay	R14	20	05N
Preheating relay N° 2	R16	20	02M
Available relay N° 1	R17	20	30M
Defrosting rearview mirrors relay	R20	20	09M
Windscreen wiper relay	R25	20	11M
Reversing lights relay	R40	20	05P
"VECU / EECU" ECU power supply relay	R43	20	27L
Air conditioning compressor relay	R46	20	17T
Available relay N° 2	R47	20	30M
Available relay N° 3	R48	20	30M
Conditioned air relay	R49	20	17T
Headlamp washer time-delay relay	R53	–	11M
Self-tracking axle safety relay	R55	20	28T

Table of relays away from connection unit

Assignment	Item	Amp.	Folio
Preheating relay	R15	100	02M
Cab tilt mechanism relay	RP10	50	29M

DIODES

Table of diodes on connection unit

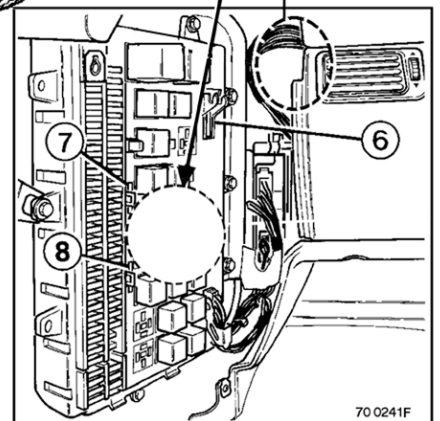
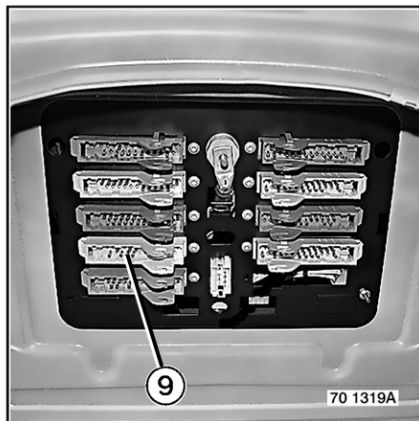
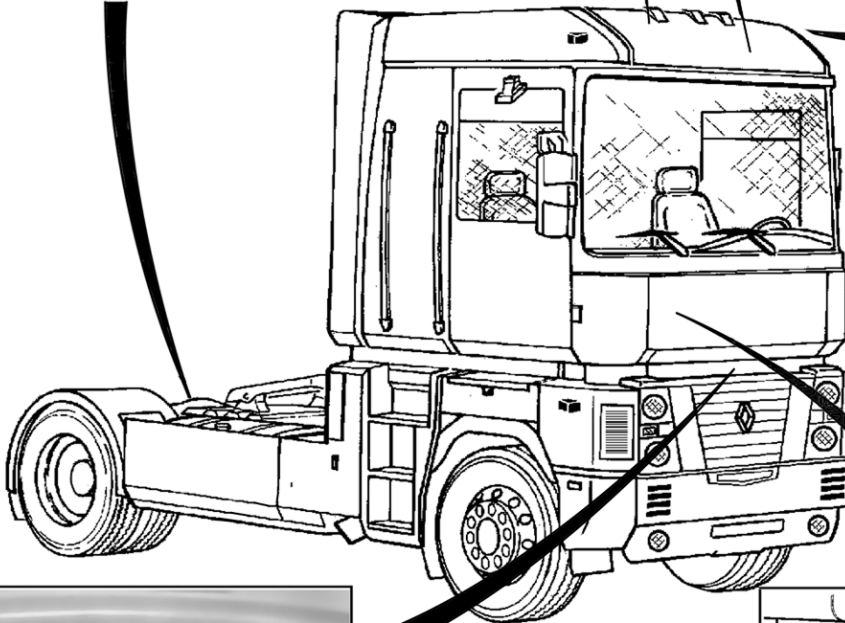
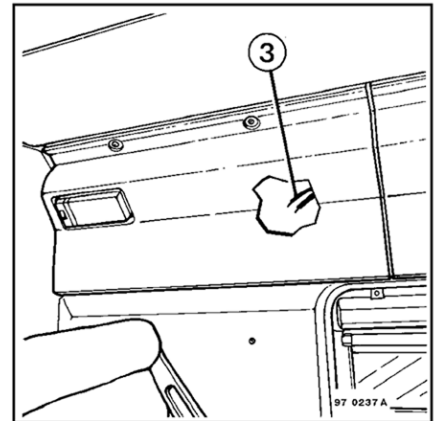
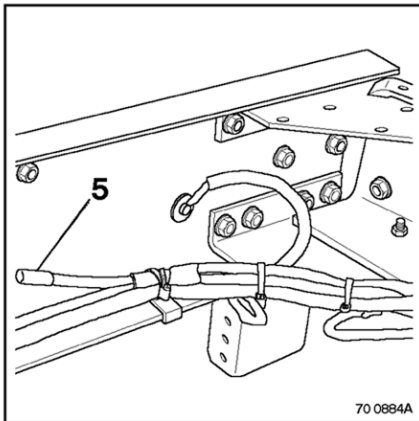
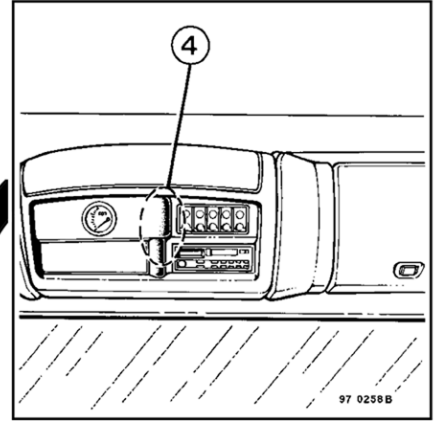
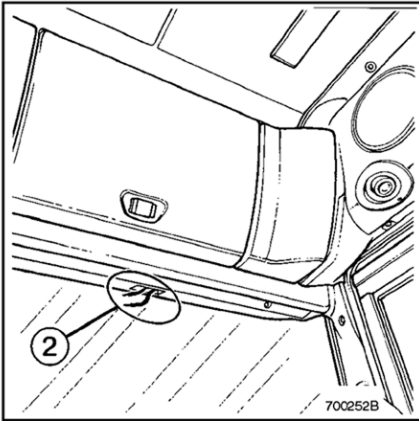
Assignment	Item	Folio
Alarm diode	D5	10N
Day running lights diode	D6	04T
Day running lights diode	D7	04T
Alarm diode	D72	10N
Air conditioning diode	D86	17T

Note: The connection unit diodes are not accessible

Table of diodes away from connection unit

Assignment	Item	Folio
Relay RP1 coil voltage surge chopper	D10	01P
Relay RP2 coil voltage surge chopper	D20	01R

AVAILABLE POWER SUPPLIES



70 1320

AVAILABLE POWER SUPPLIES**LOCATION 1**

Assignment	Wire	Fuse	Amp.
Available + 12V power supply (radiotelephone)	46	–	–
Available – power supply (radiotelephone)	155	–	–

LOCATION 1'

Radiotelephone antenna cable

LOCATION 2

Assignment	Wire	Fuse	Amp.
Earth	1	–	–
Available power supply (lighting)	632	F5	10

LOCATION 3

Assignment	Wire	Fuse	Amp.
Earth	1	–	–
Available power supply (video)	473	F53	10

LOCATION 4

Assignment	Wire	Fuse	Amp.
Available + 12V power supply (CB)	4000	–	–
Available – power supply (CB)	144	–	–
CB antenna cable			
Front air pressure gauge:			
Earth	1	–	–
Available power supply (after ignition)	24	F16	10
Available power supply (lighting)	64	F6	10
Available power supply (front air pressure)	72	–	–

LOCATION 5

Assignment	Wire	Fuse	Amp.
Available power supply (after master switch)	208	F21	15
Available power supply (after ignition)	275	F35	10
Available power supply (lighting)	632	F5	10
Rigid perimetric protection module	0403	–	–

AVAILABLE POWER SUPPLIES**LOCATION 6****BROWN connector**

Assignment	Wire	Fuse	Amp.
Earth	1	—	—
Available power supply (lighting)	64	F6	10
Available power supply (after ignition)	960	F55	10
Available power supply (relay 17)	961	—	—
Available power supply (relay 17)	962	—	—
Available power supply (relay 47)	963	—	—
Available power supply (after master switch)	964	F40	10
Available power supply (relay 47)	965	—	—
Available power supply (relay 47)	966	—	—
Available power supply (relay 48)	967	—	—
Available power supply (relay 48)	968	—	—

LOCATION 7**GREY connector**

Assignment	Wire	Fuse	Amp.
Earth	1	—	—
Available power supply (after master switch)	208	F21	15

LOCATION 8**BLACK connector**

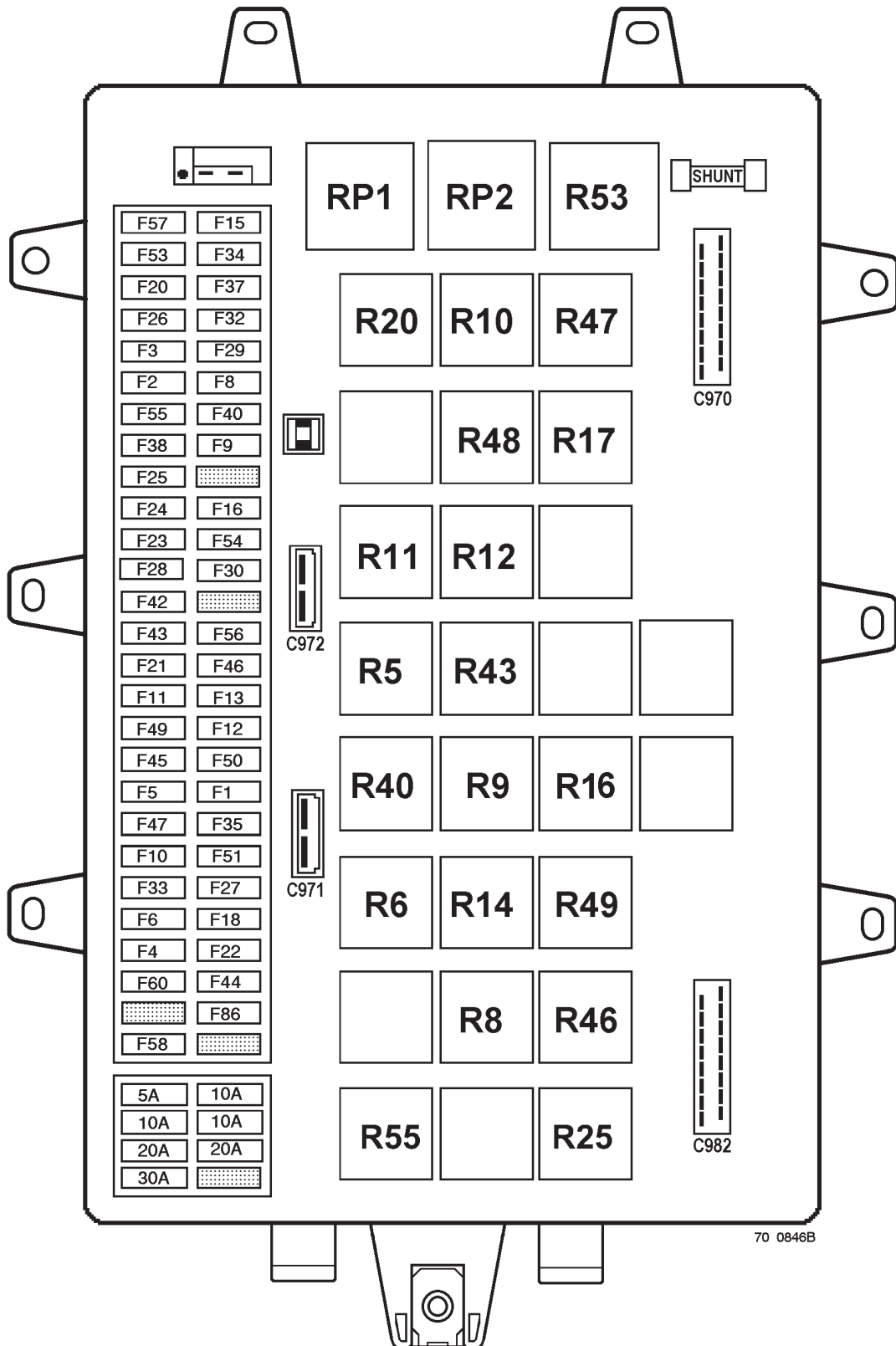
Assignment	Wire	Fuse	Amp.
Earth	1	—	—
Available power supply (after ignition)	275	F35	10

LOCATION 9

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	15
Available power supply (lighting)	618	F21	15
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 (PTO)	1141	—	—
Available power supply (bodybuilder's equipment control)	8083	F21	15
Available power supply (handrail deployed "Alert" warning light)	8084	—	—
Available power supply (fast idling control)	8067	—	—

CONNECTION UNIT

Fuses and relays box



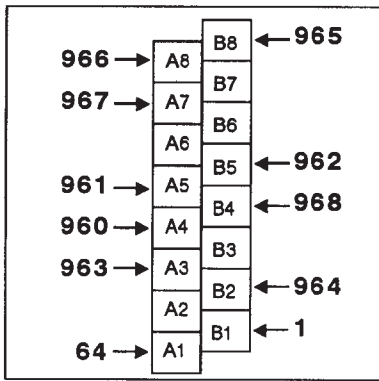
70 0846B

Connection unit – Fuses and relays box

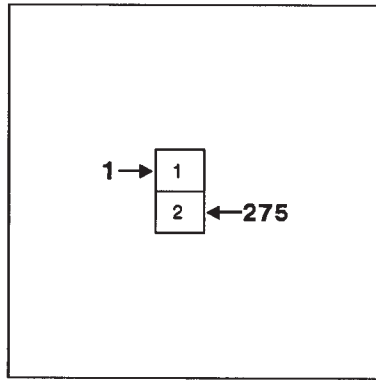
Connection unit – Fuses and relays box

Face A connectors

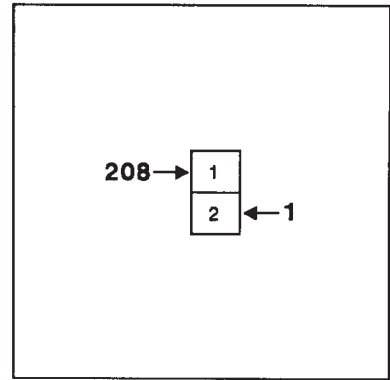
Number	Assignment	Colour	Number of ways
C 970	Available power supply (relay)	M	16
C 971	Available power supply (after ignition)	N	2
C 972	Available power supply (after master switch)	G	2
C 982	Air conditioning	R	16



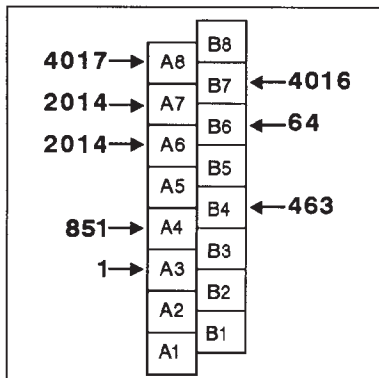
C970



C971

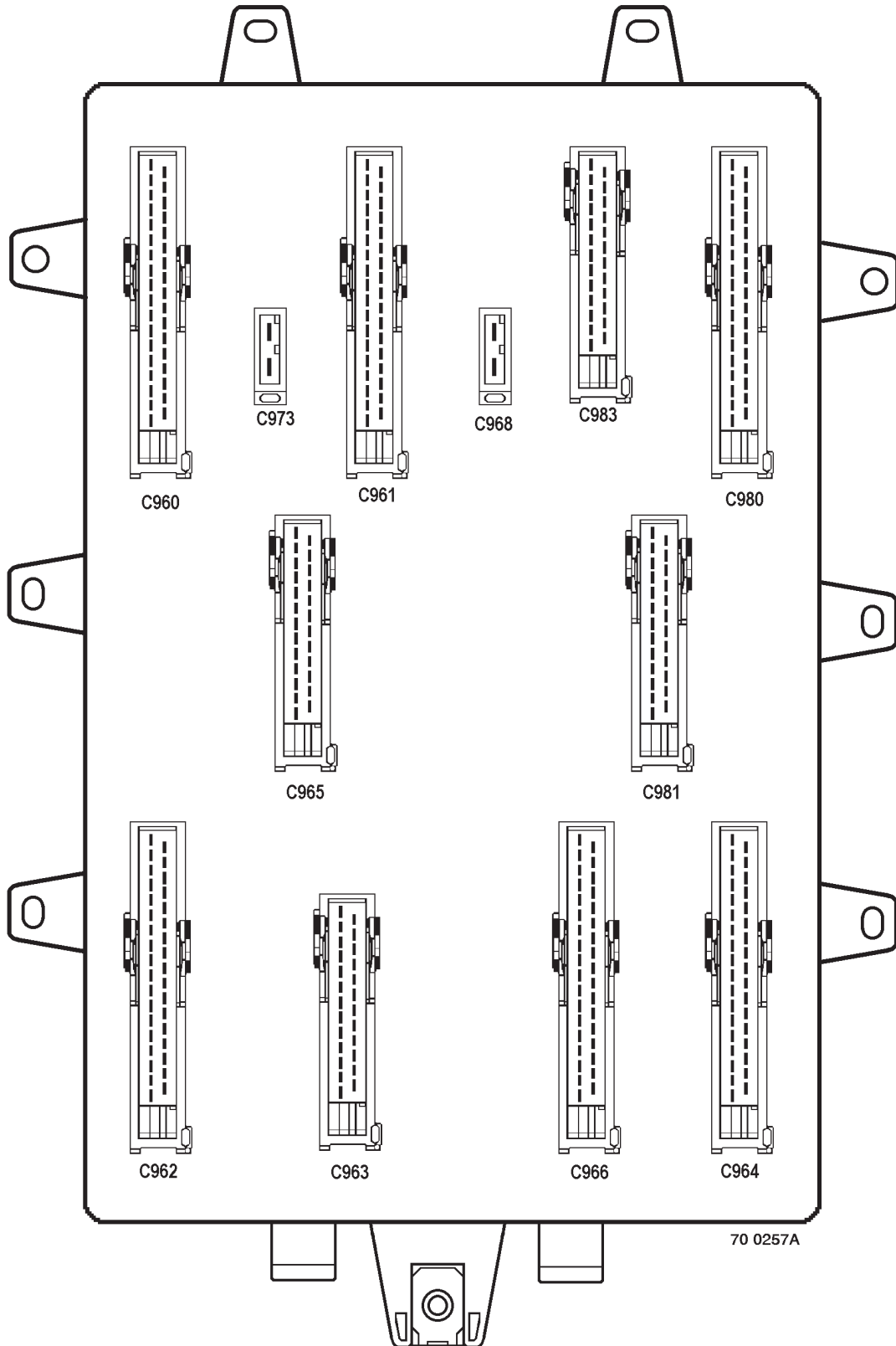


C972



70 0256C

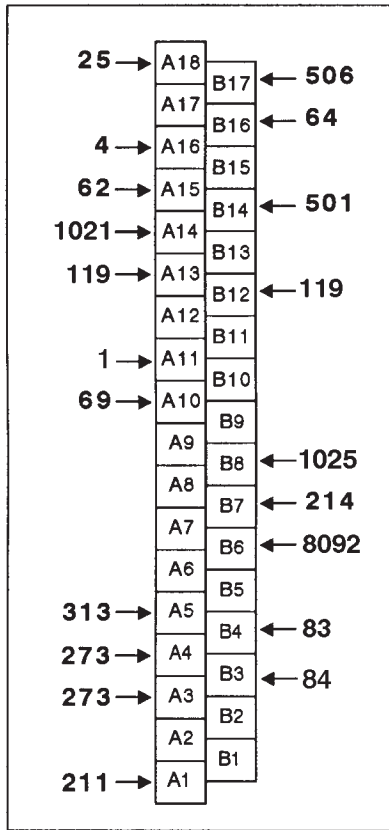
C982



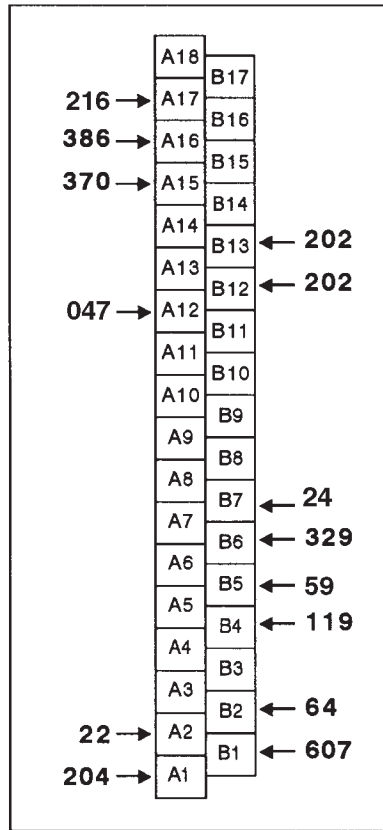
Connection unit – Fuses and relays box

Connection unit – Fuses and relays box**Face B connectors**

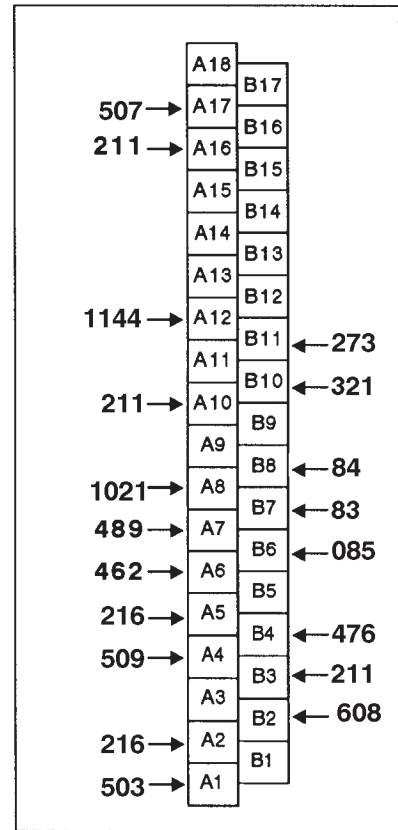
Number	Assignment	Colour	Number of ways
C 960	Dashboard	Bu	35
C 961	Dashboard	Bc	35
C 962	Dashboard	Bu	35
C 963	Dashboard	Bc	25
C 964	Dashboard	J	35
C 965	Dashboard	Bc	25
C 966	Cab floor	R	35
C 968	+ 24V power supply	N	2
C 973	Earth power supply	G	2
C 980	Dashboard	J	35
C 981	Dashboard	J	35
C 983	Dashboard	R	25



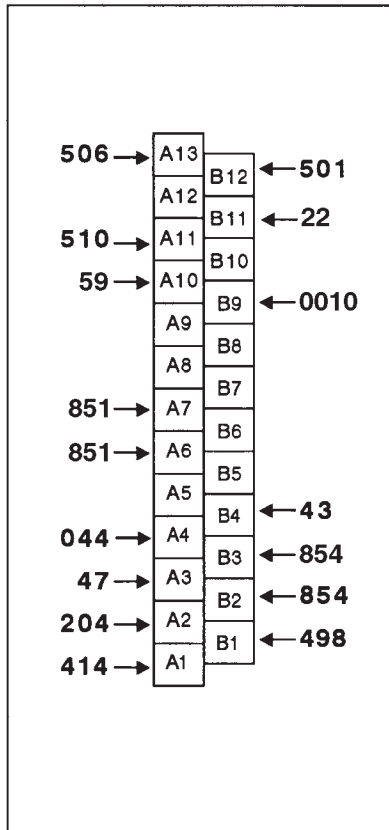
C960



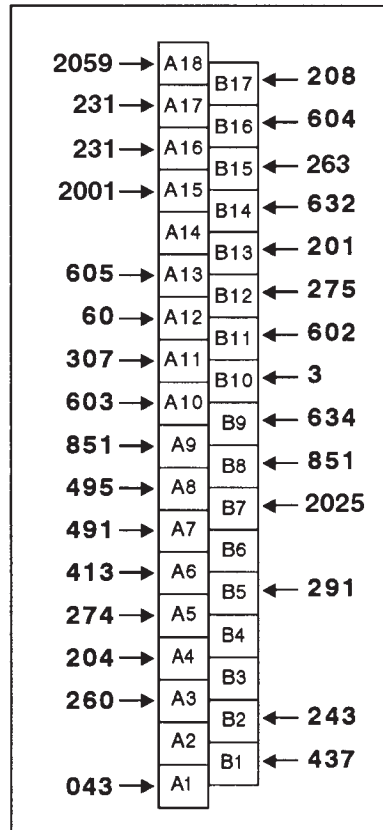
C961



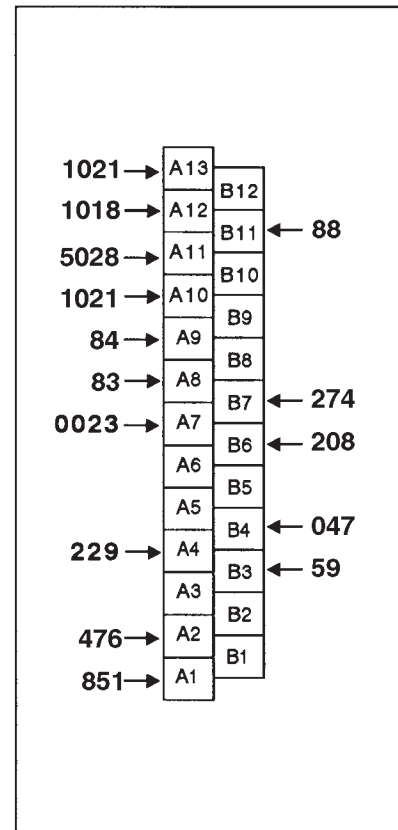
C962



C963

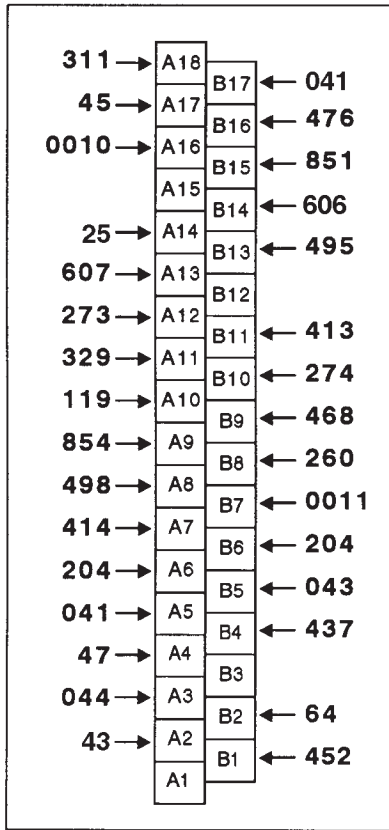


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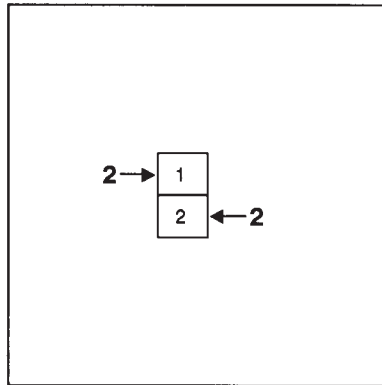


C965

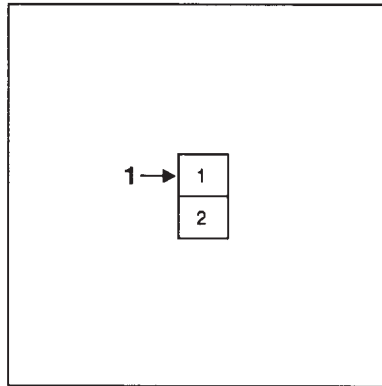
70 0258D



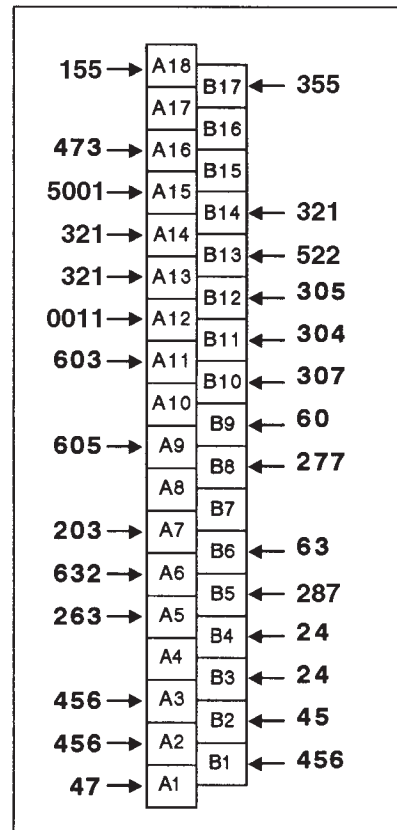
C966



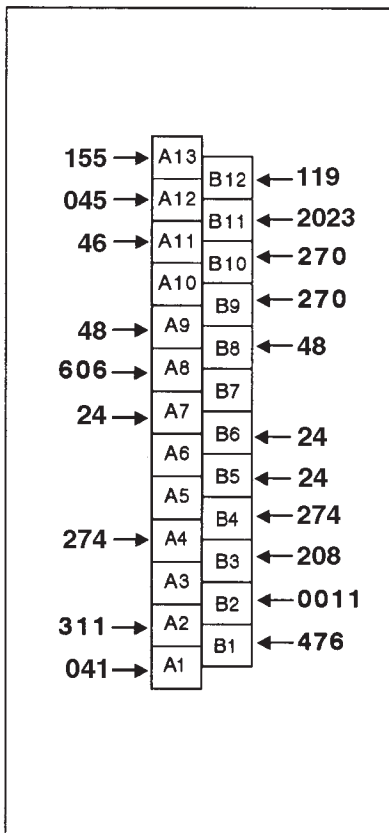
C968



C973

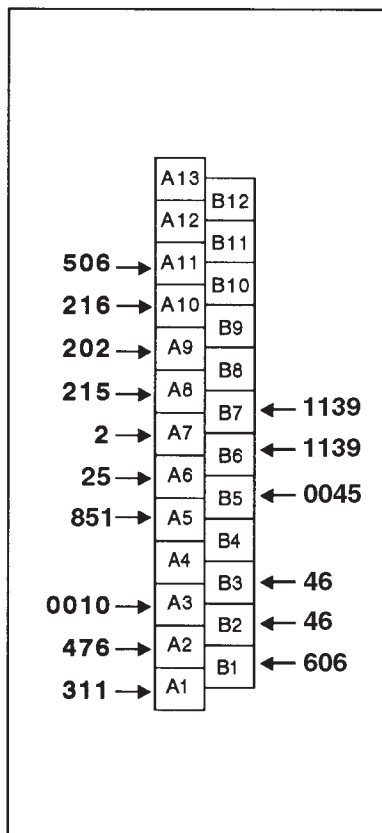


C980



C981

70 0259C



C983

WIRES – CONNECTORS LINKS

Fuses and relays box

Wire N°	Connectors	
	Terminal	Number
1	A11	960
1	B1	970
1	1	971
1	2	972
1	1	973
1	A3	982
2	1	968
2	2	968
2	A7	983
3	B10	964
4	A16	960
22	A2	961
22	B11	963
24	B7	961
24	B3	980
24	B4	980
24	A7	981
24	B5	981
24	B6	981
25	A18	960
25	A6	983
25	A14	966
43	B4	963
43	A2	966
45	A17	966
45	B2	980
46	A11	981
46	B2	983
46	B3	983
47	A3	963
47	A4	966
47	A1	980
48	A9	981
48	B8	981
59	B3	965
59	B5	961
59	A10	963
60	A12	964
60	B9	980
62	A15	960
63	B6	980
64	B16	960
64	B2	961

Wire N°	Connectors	
	Terminal	Number
64	B2	966
64	A1	970
64	B6	982
69	A10	960
83	B4	960
83	B8	962
83	A8	965
84	B3	960
84	B8	962
84	A9	965
88	B11	965
041	A5	966
041	B17	966
041	A1	981
043	A1	964
043	B5	966
044	A4	963
044	A3	966
045	A12	981
047	A12	961
047	B4	965
085	B6	962
119	A13	960
119	B12	960
119	B4	961
119	A10	966
119	B12	981
155	A18	980
155	A13	981
201	B13	964
202	B12	961
202	B13	961
202	A9	983
203	A7	980
204	A1	961
204	A2	963
204	A4	964
204	A6	966
204	B6	966
208	B17	964
208	B6	965
208	1	972
208	B3	981

Wire N°	Connectors	
	Terminal	Number
211	A1	960
211	A16	962
214	B7	960
215	A8	983
216	A17	961
216	A2	962
216	A5	962
216	A10	983
229	A4	965
231	A16	964
231	A17	964
243	B2	964
260	A3	964
260	B8	966
263	B15	964
263	A5	980
270	B9	981
270	B10	981
273	A3	960
273	A4	960
273	B11	962
273	A12	966
274	A5	964
274	B7	965
274	B10	966
274	A4	981
274	B4	981
275	B12	964
275	2	971
277	B8	980
287	B5	980
291	B5	964
304	B11	980
305	B12	980
307	A11	964
307	B10	980
311	A18	966
311	A2	981
311	A1	983
313	A5	960
321	B10	962
321	A13	980

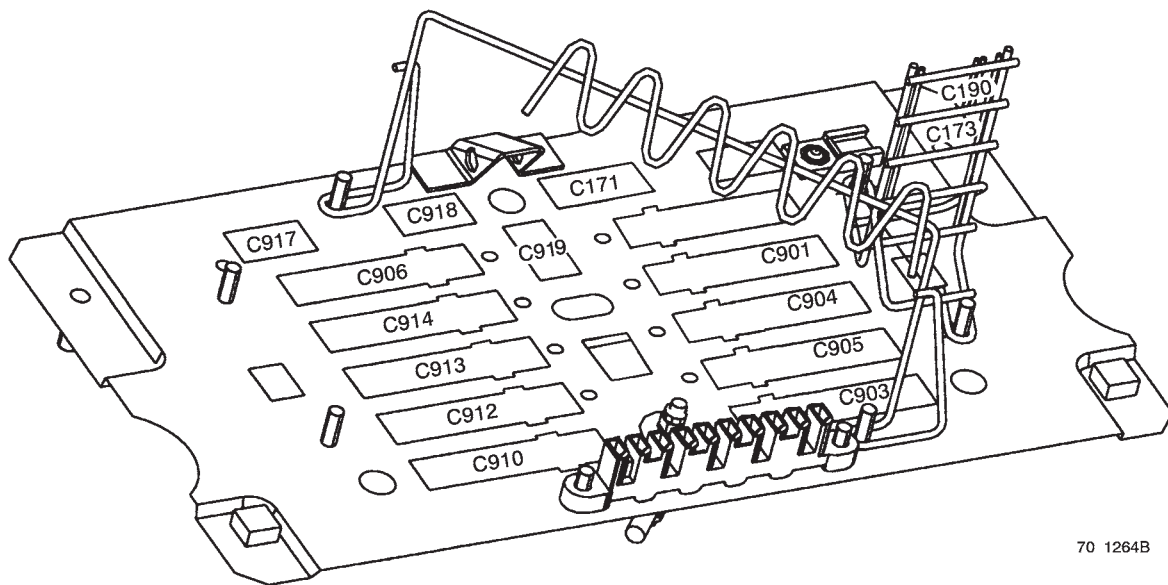
Wire N°	Connectors	
	Terminal	Number
321	A14	980
321	B14	980
329	B6	961
329	A11	966
355	B17	980
370	A15	961
386	A16	961
413	A6	964
413	B11	966
414	A1	963
414	A7	966
437	B1	964
437	B4	966
452	B1	966
456	A2	980
456	A3	980
456	B1	980
462	A6	962
463	B4	982
468	B9	966
473	A16	980
476	B4	962
476	A2	965
476	B16	966
476	B1	981
476	A2	983
489	A7	962
491	A7	964
495	A8	964
495	B13	966
498	B1	963
498	A8	966
501	B14	960
501	B12	963
503	A1	962
506	B17	960
506	A13	963
506	A11	983
507	A17	962
509	A4	962
510	A11	963
522	B13	980

Wire N°	Connectors	
	Terminal	Number
602	B11	964
603	A10	964
603	A11	980
604	B16	964
605	A13	964
605	A9	980
606	B14	966
606	A8	981
606	B1	983
607	B1	961
607	A13	966
608	B2	962
632	B14	964
632	A6	980
634	B9	964
851	A6	963
851	A7	963
851	A9	964
851	B8	964
851	A1	965
851	B15	966
851	A4	982
851	A5	983
854	B2	963
854	B3	963
854	A9	966
960	A4	970
961	A5	970
962	B5	970
963	A3	970
964	B2	970
965	B8	970
966	A8	970
967	A7	970
968	B4	970
0010	B9	963
0010	A16	966
0010	A3	983
0011	B7	966
0011	A12	980
0011	B2	981
0023	A7	965

Wire N°	Connectors	
	Terminal	Number
0045	B5	983
1018	A12	965
1021	A14	960
1021	A8	962
1021	A10	965
1021	A13	965
1025	B8	960
1139	B6	983
1139	B7	983
1144	A12	962
2001	A15	964
2014	A7	982
2014	A6	982
2023	B11	981
2025	B7	964
2059	A18	964
4016	B7	982
4017	A8	982
5001	A15	980
5028	A11	965
8092	B6	960

CONNECTION UNIT

Bulkhead grommet



70 1264B

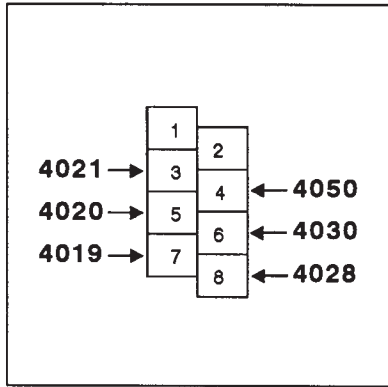
Connection unit – Bulkhead grommet

Connection unit – Bulkhead grommet**Connectors interface**

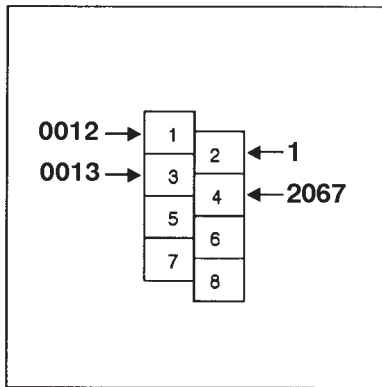
Number	Assignment	Colour	Number of ways
C 171	Fan coil heater	J	8
C 901	Power supplies and auxiliary equipment	Bc	25
C 903	Front signalling / lighting	Ve	25
C 904	Fuel-injection electronic management	R	25
C 905	Power unit	J	25
C 906	Air conditioning	Bu	25
C 910	Chassis / cab electrical distribution	Ve	25
C 912	Drive axle and axle rear wiring harness	J	25
C 913	Rear signalling / lighting	R	25
C 914	Available power supplies	Bc	25
C 917	Independent heater	Bc	8
C 918	Centralized lubrication	G	8
C 919	Power unit	R	8

Link between wiring harnesses

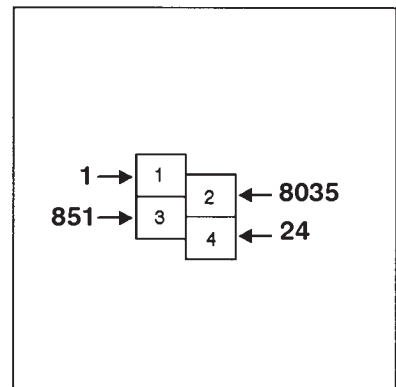
Number	Assignment	Colour	Number of ways
C 173 (Dashboard wiring harness)	→ C174 (<i>"ASTRONIC" wiring harness</i>)	R	8
C 190 (Dashboard wiring harness)	→ C222 (<i>Airbag wiring harness</i>)	Bc	4



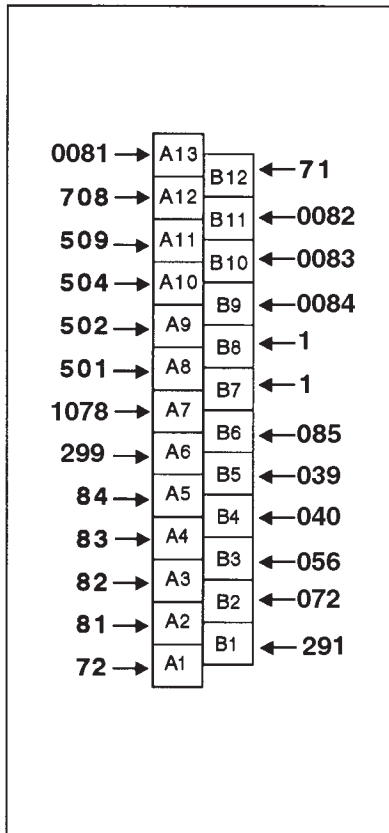
C171



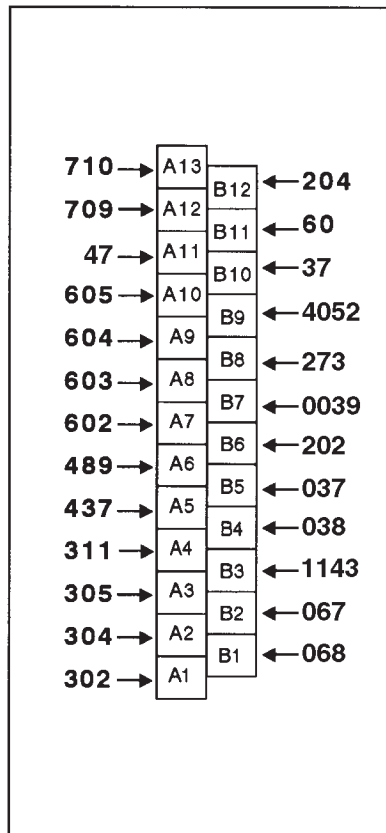
C173



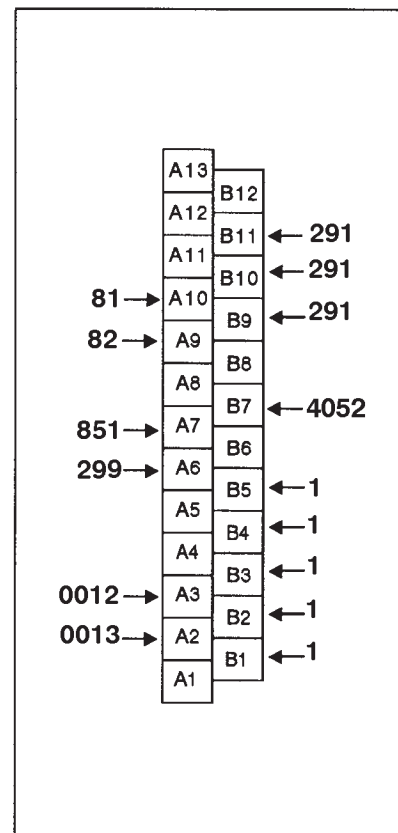
C190



C901

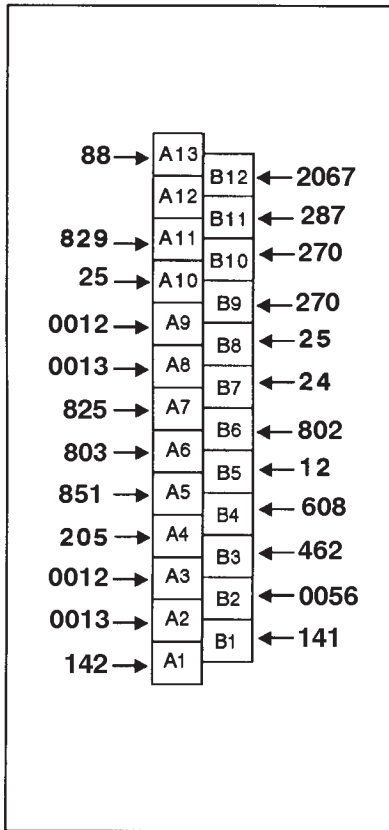


C903

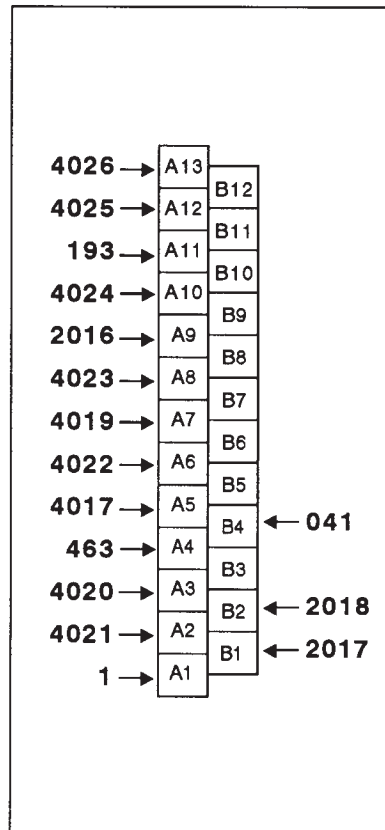


C904

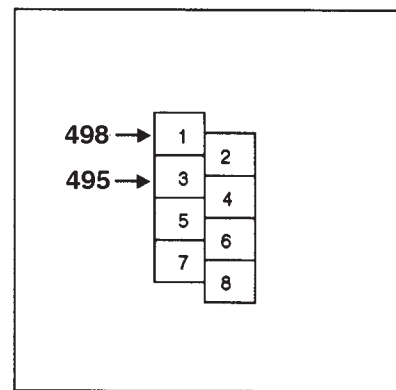
70 0261C



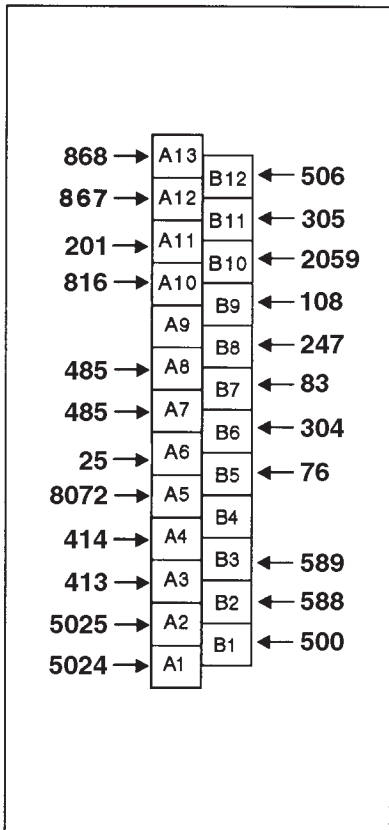
C905



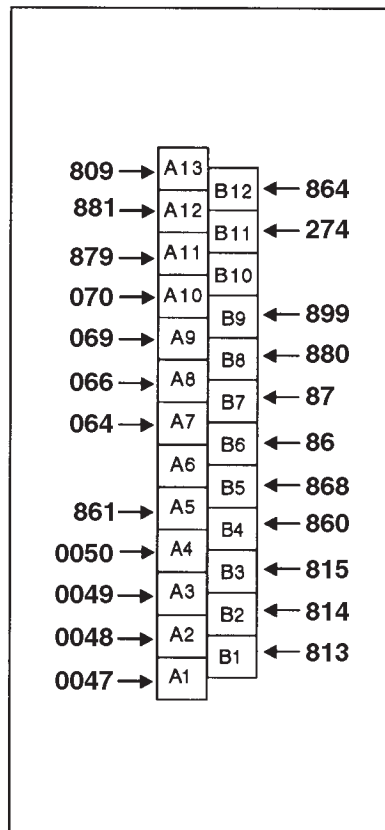
C906



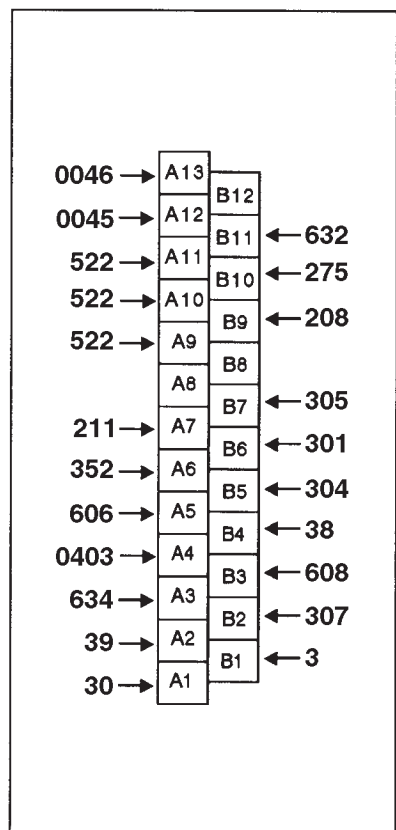
C918



C910

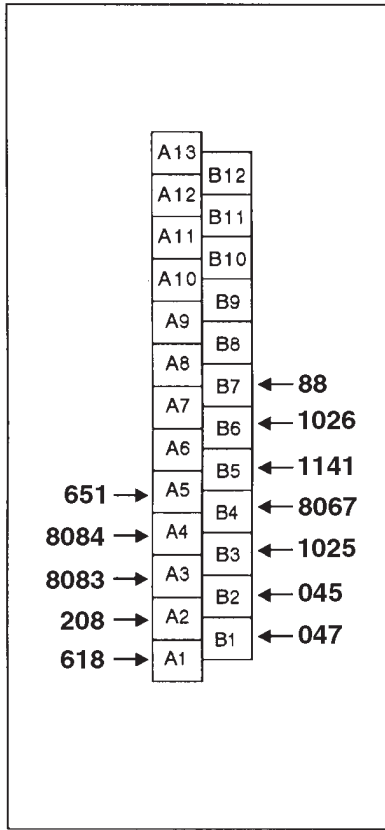


C912



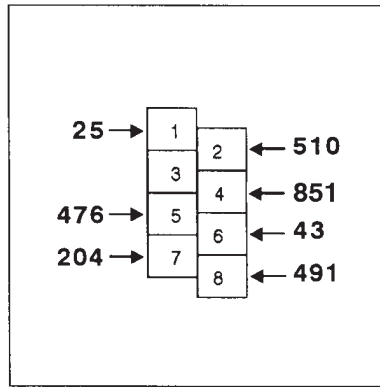
C913

70 0262C

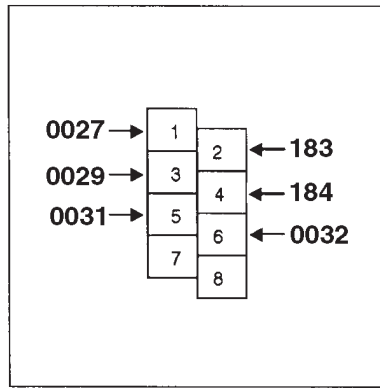


70 0263D

C914



C917



C 919

WIRES – CONNECTORS LINKS

Bulkhead grommet

Wire N°	Connectors	
	Terminal	Number
1	2	173
1	1	190
1	B7	901
1	B8	901
1	B1	904
1	B2	904
1	B3	904
1	B4	904
1	B5	904
1	A1	906
3	B1	913
12	B5	905
24	4	190
24	B7	905
25	A10	905
25	B8	905
25	A6	910
25	1	917
30	A1	913
37	B10	903
38	B4	913
39	A2	913
43	6	917
47	A11	903
60	B11	903
71	B12	901
72	A1	901
76	B5	910
81	A2	901
81	A10	904
82	A3	901
82	A9	904
83	A4	901
83	B7	910
84	A5	901
86	B6	912
87	B7	912
88	A13	905
88	B7	914
037	B5	903
038	B4	903
039	B5	901

Wire N°	Connectors	
	Terminal	Number
040	B4	901
041	B4	906
045	B2	914
047	B1	914
056	B3	901
064	A7	912
066	A8	912
067	B2	903
068	B1	903
069	A9	912
070	A10	912
072	B2	901
085	B6	901
108	B9	910
141	B1	905
142	A1	905
183	2	919
184	4	919
193	A11	906
201	A11	910
202	B6	903
204	B12	903
204	7	917
205	A4	905
208	B9	913
208	A2	914
211	A7	913
247	B8	910
270	B9	905
270	B10	905
273	B8	903
274	B11	912
275	B10	913
287	B11	905
291	B9	904
291	B10	904
291	B11	904
291	B1	901
299	A6	901
299	A6	904
301	B6	913
302	A1	903

Wire N°	Connectors	
	Terminal	Number
304	A2	903
304	B6	910
305	A3	903
305	B2	910
305	B7	913
307	B12	913
311	A4	903
352	A6	913
413	A3	910
414	A4	910
437	A5	903
462	B3	905
463	A4	906
476	5	917
485	A7	910
485	A8	910
489	A6	903
491	8	917
495	3	918
498	1	918
500	B1	910
501	A8	901
502	A9	901
504	A10	901
506	B12	910
509	A11	901
510	2	917
522	A9	913
522	A10	913
588	B2	910
589	B3	910
602	A7	903
603	A8	903
604	A9	903
605	A10	903
606	A5	913
608	B4	905
608	B3	913
618	A1	914
632	B11	913
634	A3	913
651	A5	914

Wire N°	Connectors	
	Terminal	Number
708	A12	901
709	A12	903
710	A13	903
802	B6	905
803	A6	905
809	A13	912
813	B1	912
814	B2	912
815	B3	912
816	A9	910
825	A7	905
829	A11	905
851	3	190
851	A7	904
851	A5	905
851	4	917
860	B4	912
861	A5	912
864	B12	912
867	A12	910
868	A13	910
868	B5	912
879	A11	912
880	B8	912
881	A12	912
899	B9	912
0012	1	173
0012	A3	904
0012	A3	905
0012	A9	905
0013	3	173
0013	A2	904
0013	A2	905
0013	A8	905
0027	1	919
0029	3	919
0031	5	919
0032	6	919
0039	B7	903
0045	A12	913
0046	A13	913
0047	A1	912

Wire N°	Connectors	
	Terminal	Number
0048	A2	912
0049	A3	912
0050	A4	912
0056	B2	905
0081	A13	901
0082	B11	901
0083	B10	901
0084	B9	901
0403	A4	913
1078	A7	901
1143	B3	903
2016	A9	906
2017	B1	906
2018	B2	906
2059	B10	910
2067	4	173
2067	B12	905
4017	A5	906
4019	7	171
4019	A7	906
4020	5	171
4020	A3	906
4021	3	171
4021	A2	906
4022	A6	906
4023	A8	906
4024	A10	906
4025	A12	906
4026	A13	906
4028	8	171
4030	6	171
4050	4	171
4052	B9	903
4052	B7	904
5024	A1	910
5025	A2	910
8035	2	190
8067	B4	914
8072	A5	910
8083	A3	914
8084	A4	914

CONNECTION UNIT
Fuses and relays box
Internal diagram

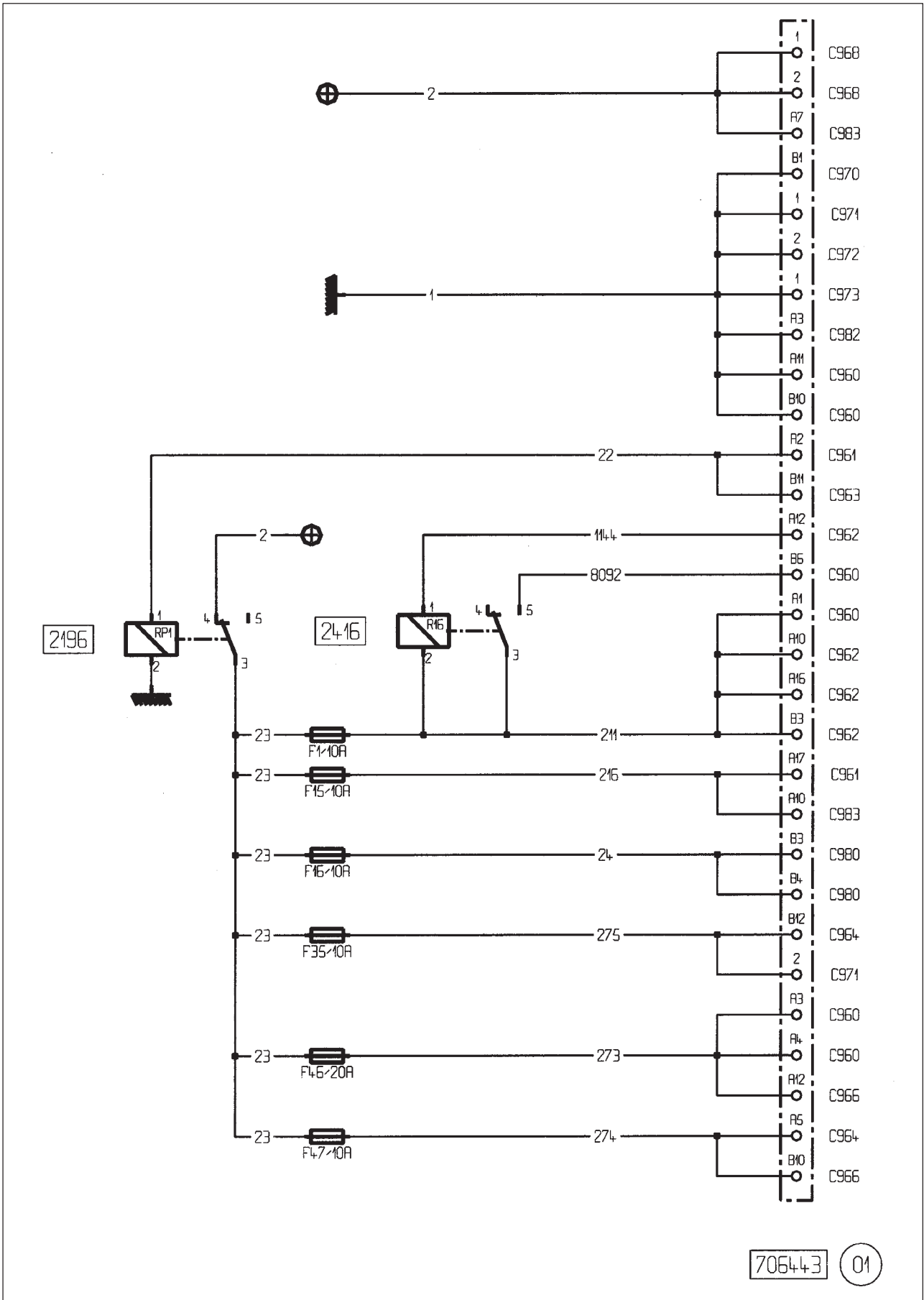
Connection unit – Fuses and relays box

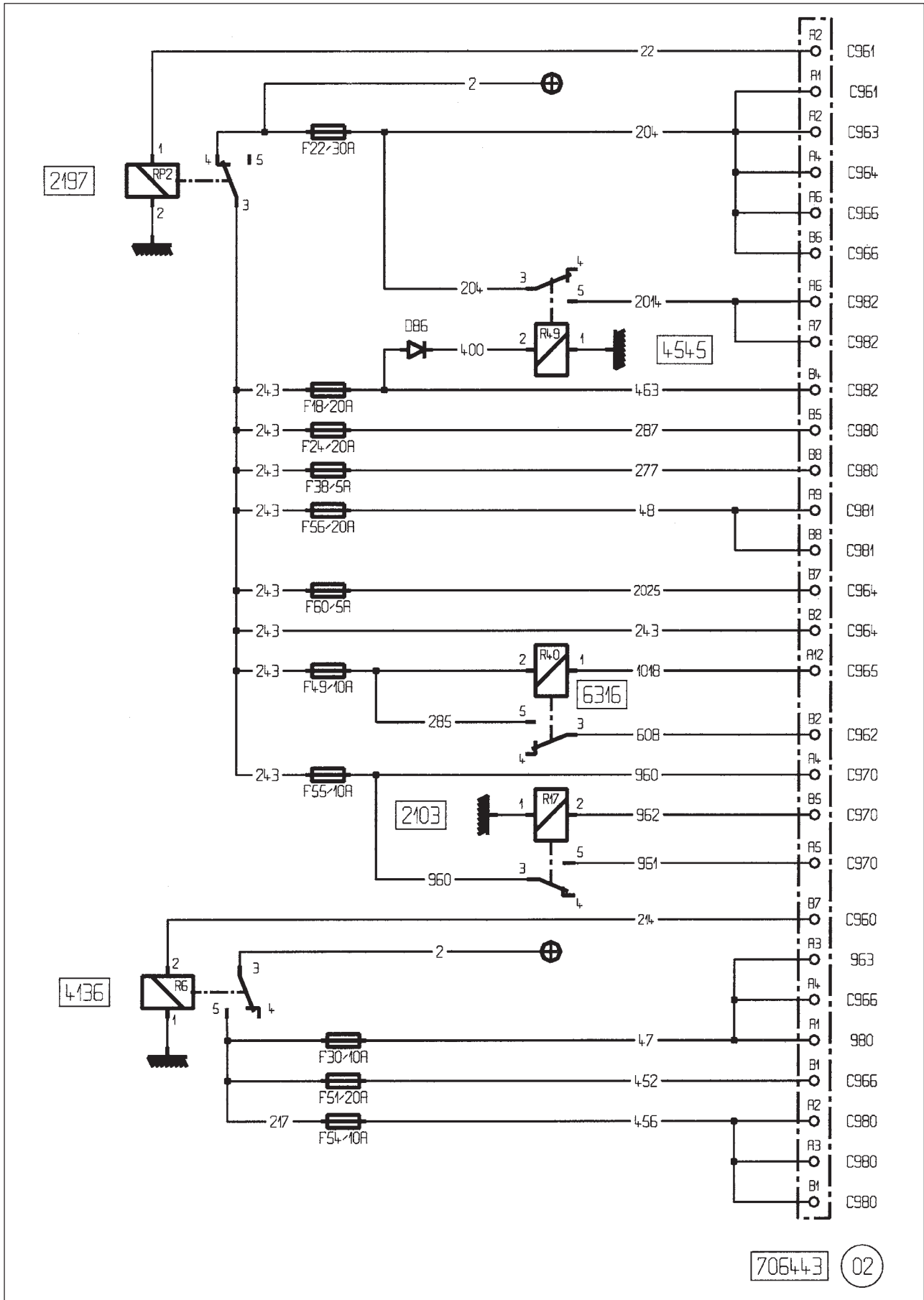
Relays

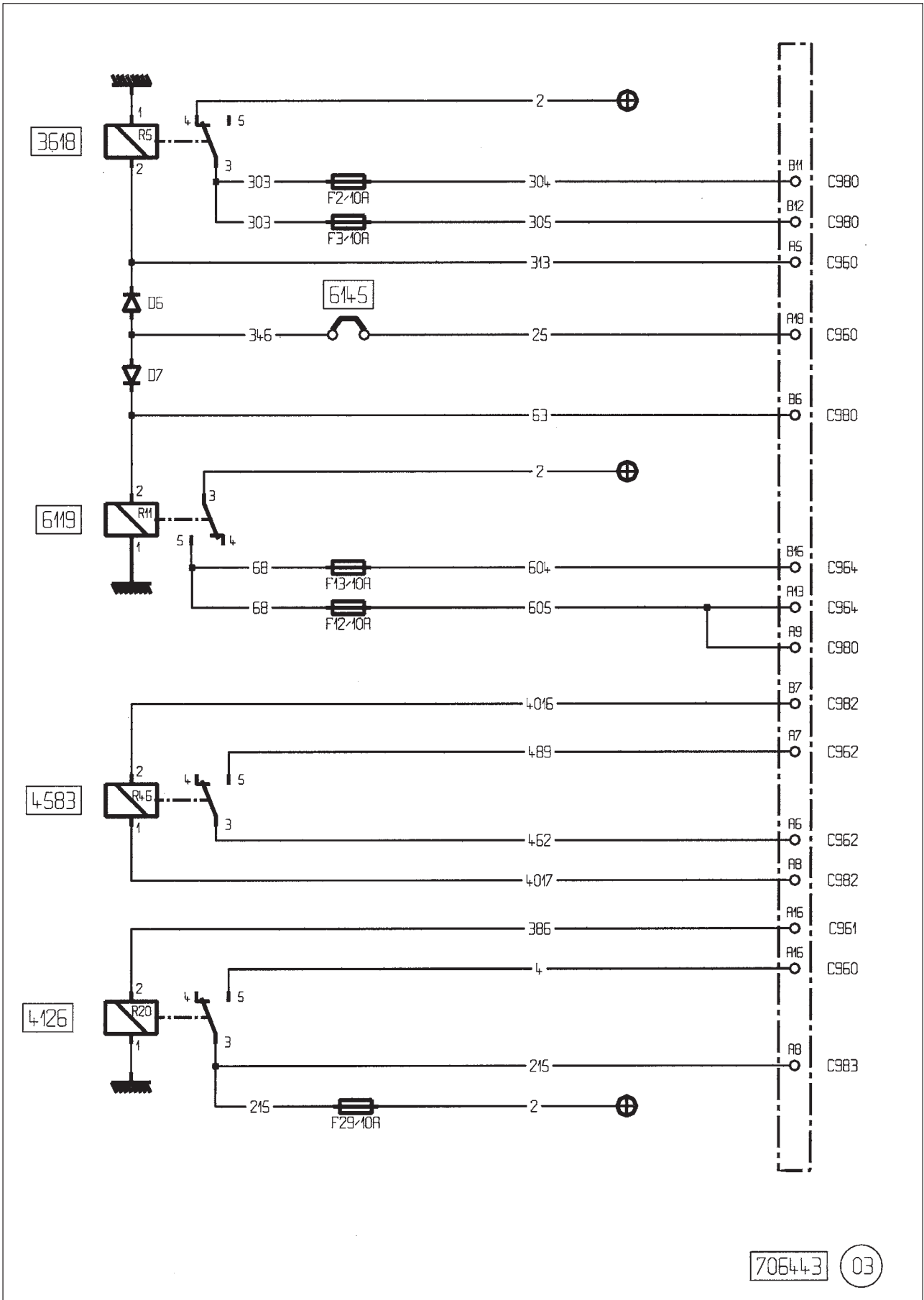
Item	Assignment	Plate
RP1	2121 – Power after ignition relay	01
RP2	2197 – After-ignition power supply relay N° 2	02
R5	3618 – Side/parking lights relay	03
R6	4136 – Comfort accessories relay	02
R8	3662 – Lighting relay	04
R9	6214 – Fog driving lights relay	04
R10	3513 – Fog lights relay	04
R11	6119 – Dipped beam headlights relay	03
R12	6121 – Main beam headlights relay	05
R14	3512 – Stop lights relay	05
R16	2416 – Preheating relay N° 2	01
R17	2103 – Available relay N° 1	02
R20	4126 – Defrosting rearview mirrors relay	03
R25	5300 – Windscreen wiper speed controller relay	06
R40	6316 – Reversing lights relay	02
R43	9210 – ECU power supply relay (VECU / EECU)	05
R46	4583 – Air conditioning compressor relay	03
R47	2104 – Available relay N° 2	05
R48	2105 – Available relay N° 3	05
R49	4545 – Conditioned air relay	02
R53	5310 – Headlamps wash time-delay relay	04
R55	8546 – Self-tracking axle safety relay	06

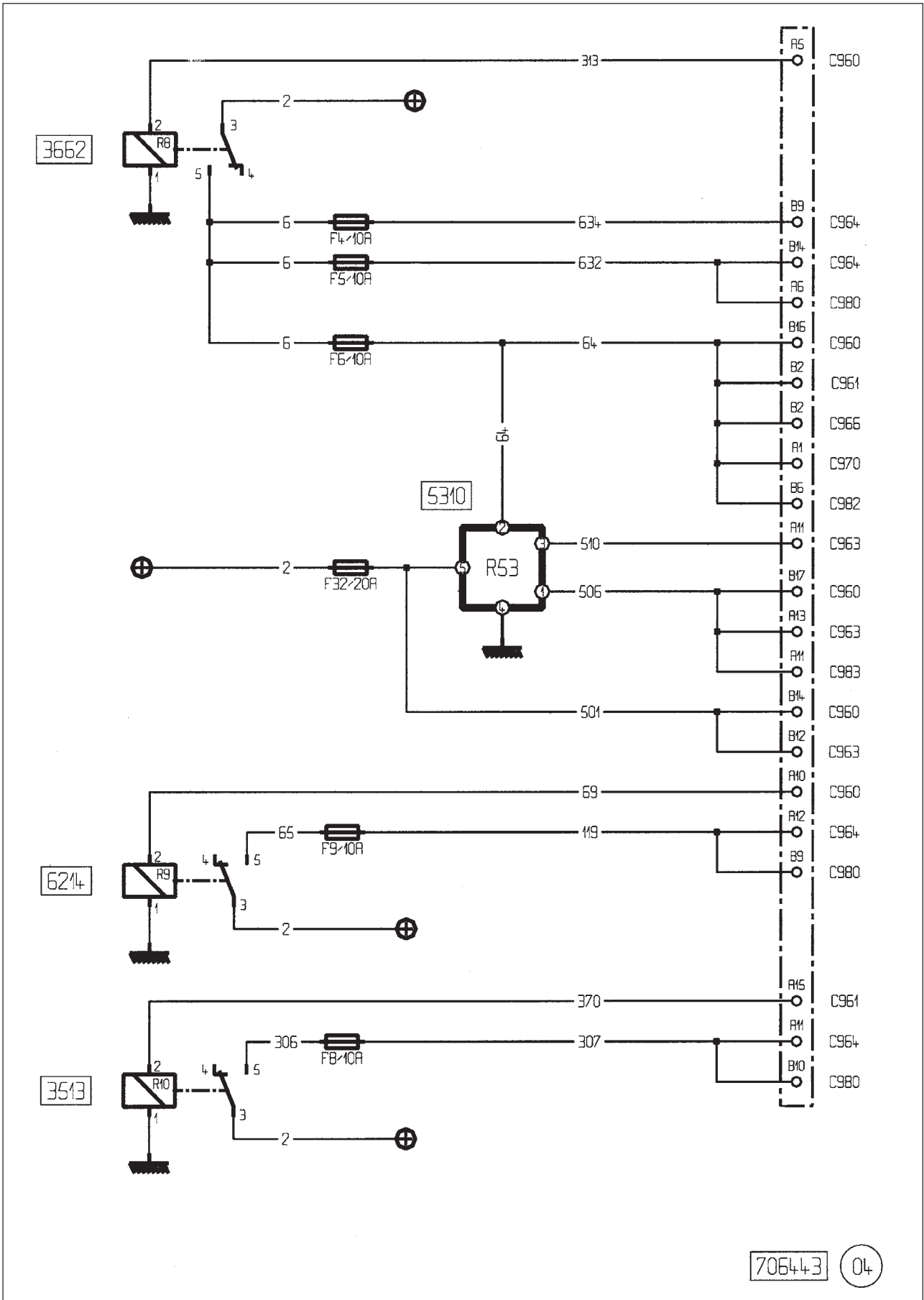
Fuses

Item	Plate	Item	Plate	Item	Plate
F1	01	F22	02	F43	08
F2	03	F23	08	F44	08
F3	03	F24	02	F45	06
F4	04	F25	06	F46	01
F5	04	F26	08	F47	01
F6	04	F27	05	F49	02
F8	04	F28	08	F50	06
F9	04	F29	03	F51	02
F10	05	F30	02	F53	08
F11	05	F32	04	F54	02
F12	03	F33	08	F55	02
F13	03	F34	06	F56	02
F15	01	F35	01	F57	05
F16	01	F37	08	F58	05
F18	02	F38	02	F60	02
F20	08	F40	05	F86	08
F21	08	F42	08		

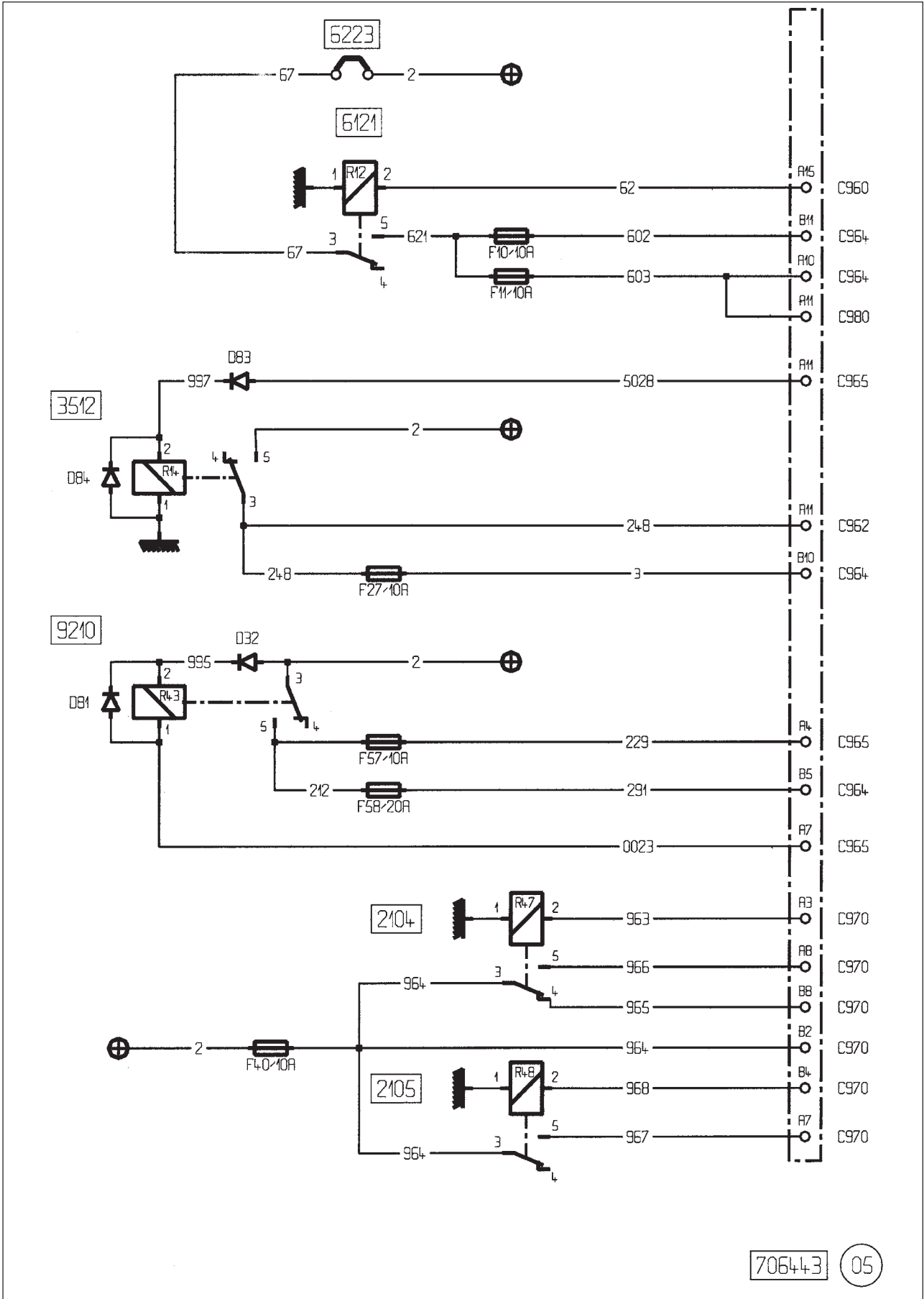




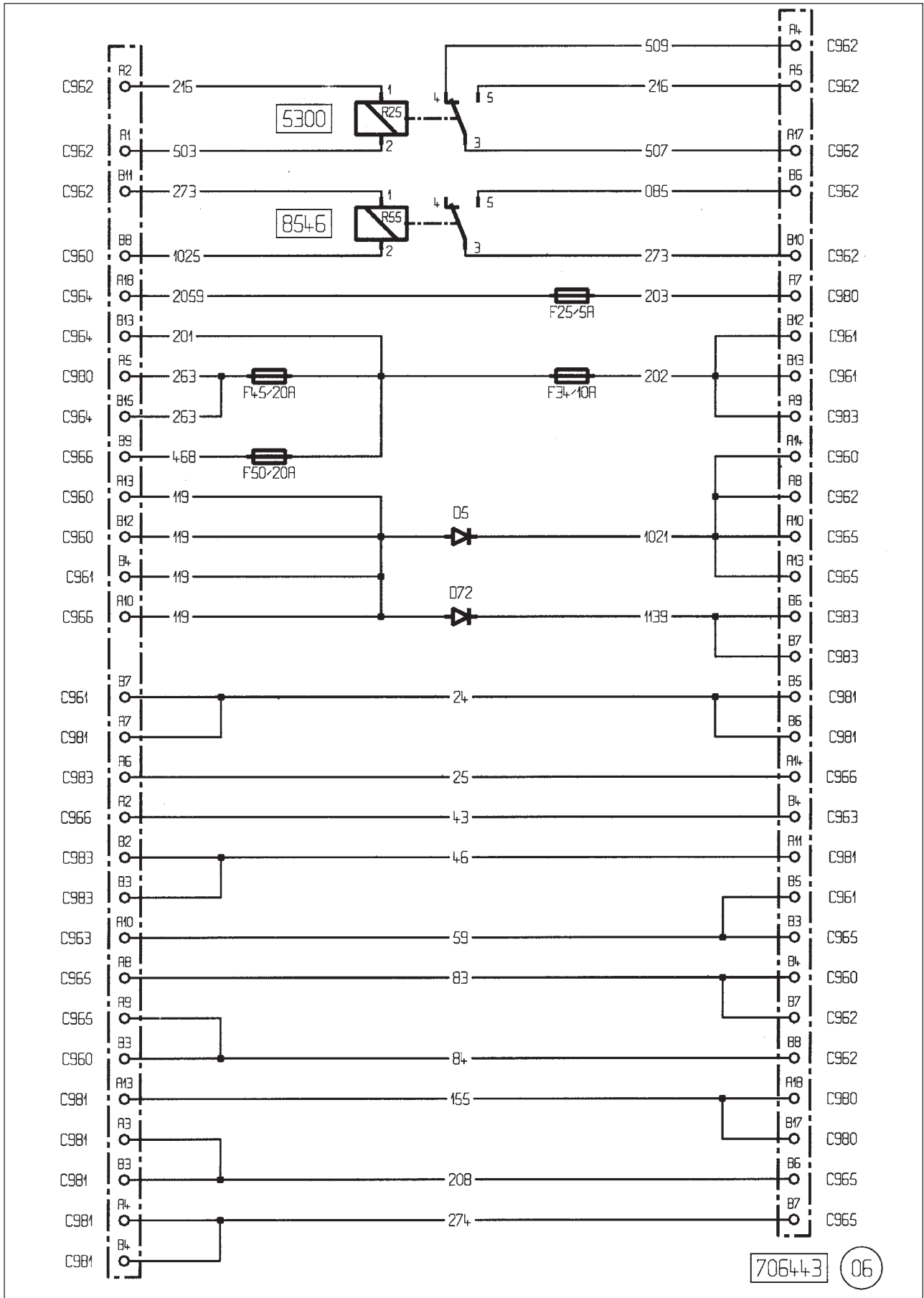


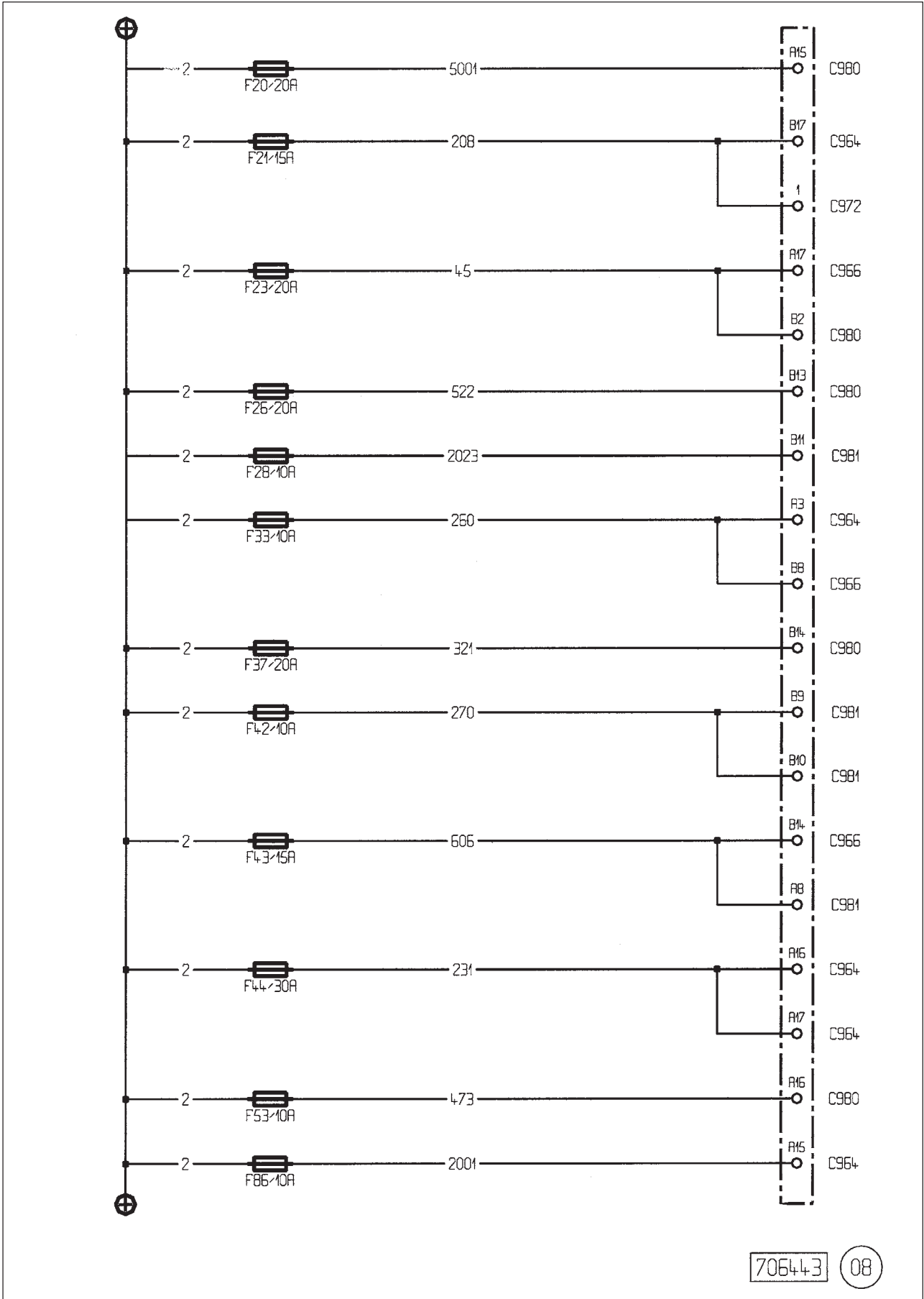


706443 04



706443 (05)





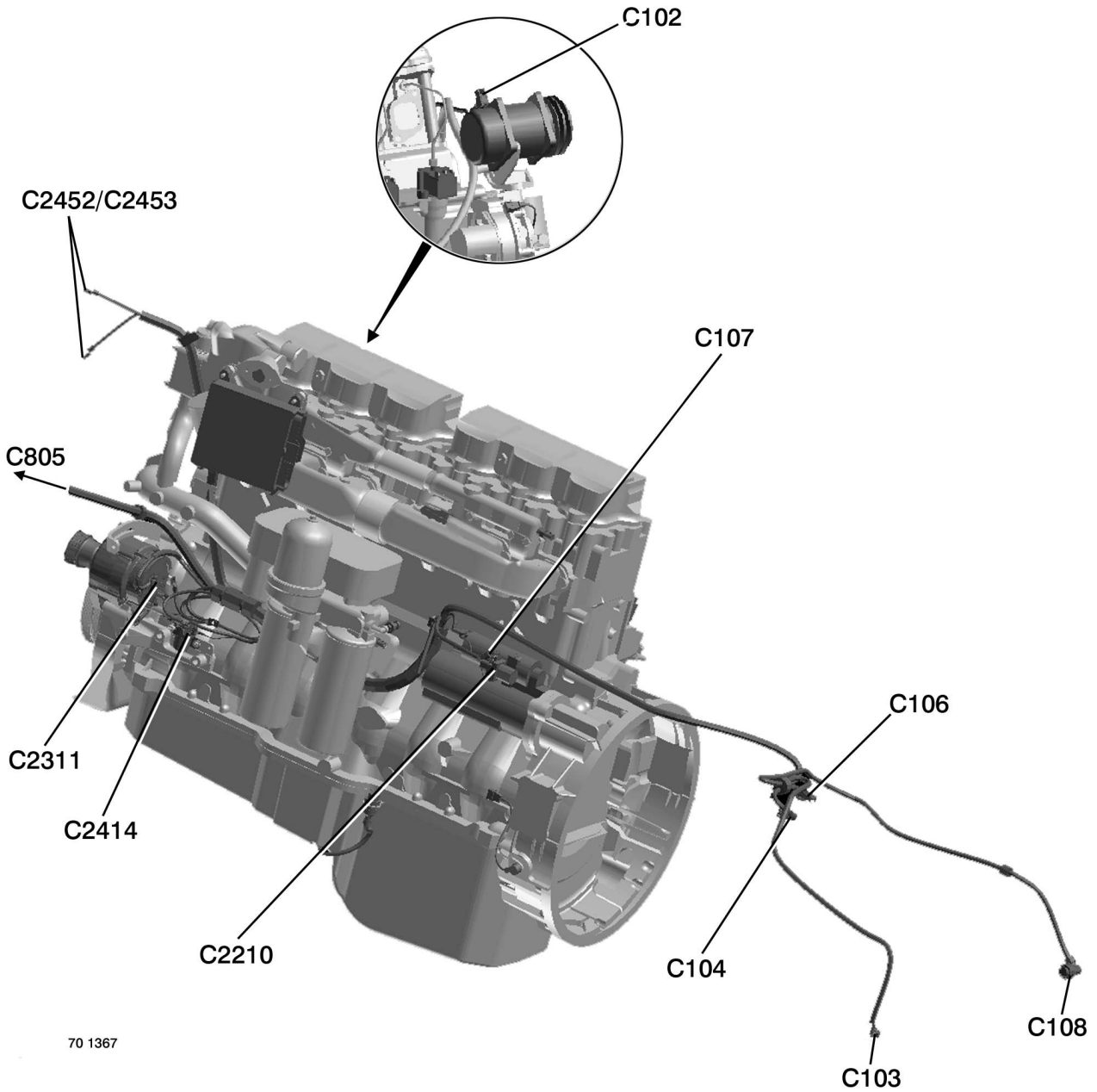
706443 (08)

POWER UNIT WIRING HARNESSES

“Manual gearbox” wiring harnesses

Connectors	Assignments
C102	4512 – Air conditioning compressor
C103	8461 – Vehicle speed sensor
C104	8466 – Neutral switch
C106	8472 – Reverse gear switch
C107	2224 – Shunt (engine starting, cab tilted)
C108* ¹	8366 – Power take-off switch
C2210	2210 – Starter with integrated relay
C2311	2311 – Alternator
C2414	2414 – Preheating relay
C2452	2452 – Preheating resistor N° 1
C2453	2453 – Preheating resistor N° 2
C8284	8284 – Servo-steering oil pressure switch

Links between harnesses**C805 → C905 (F17)****Option 1** (*¹) includes : **C108**

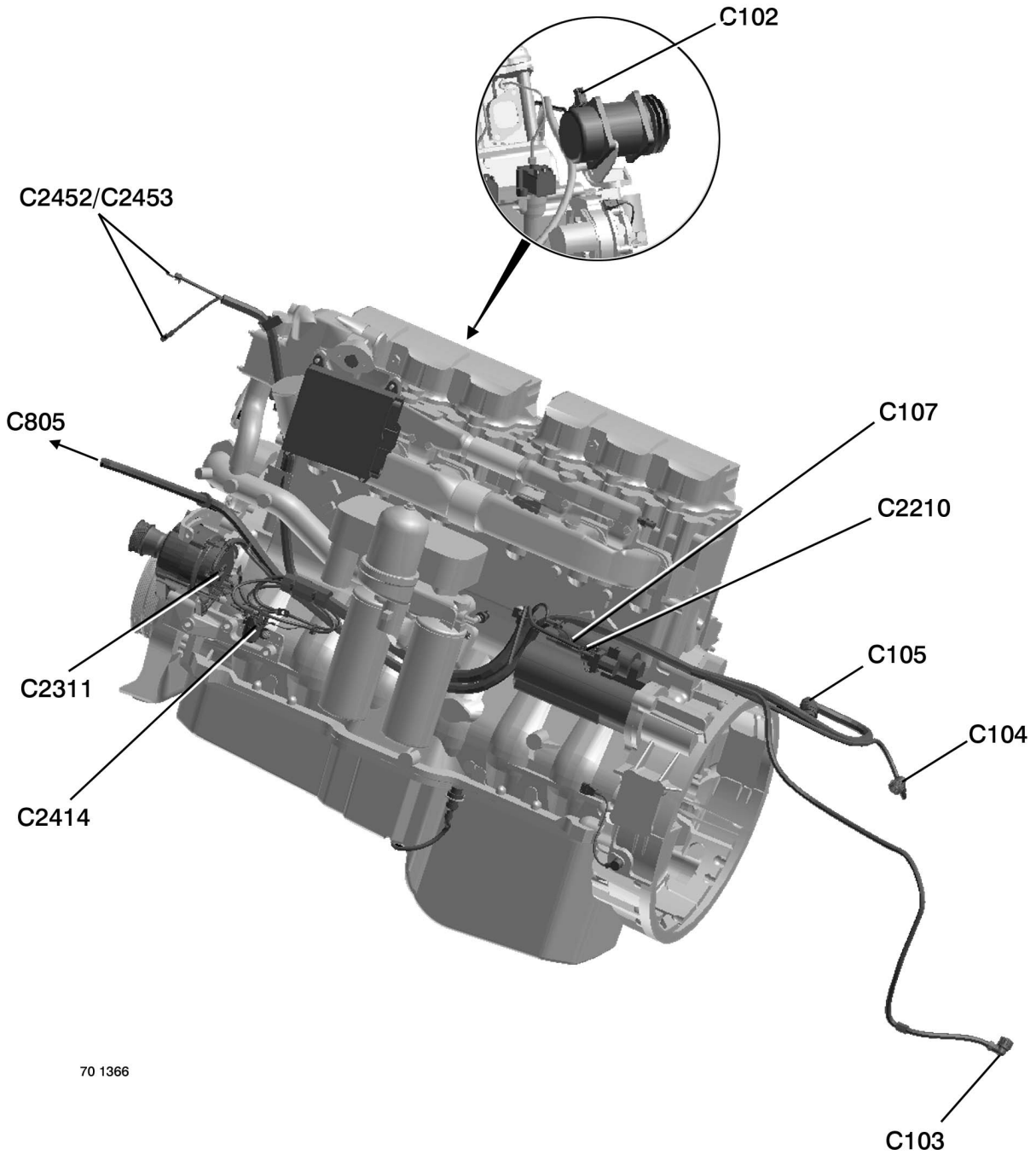


70 1367

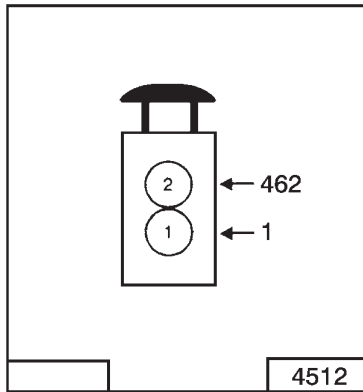
“Automatic transmission” wiring harnesses

Connectors	Assignments
C102	4512 – Air conditioning compressor
C103	8461 – Vehicle speed sensor
C104	8466 – Neutral switch
C105	8604 – “ASTRONIC” ECU
C107	2224 – Shunt (engine starting, cab tilted)
C2210	2210 – Starter with integrated relay
C2311	2311 – Alternator
C2414	2414 – Preheating relay
C2452	2452 – Preheating resistor N° 1
C2453	2453 – Preheating resistor N° 2
C8284	8284 – Servo-steering oil pressure switch

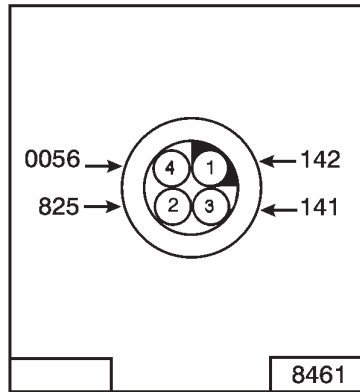
Links between harnesses**C805 → C905 (F17)**



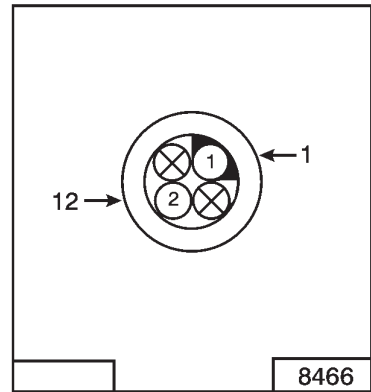
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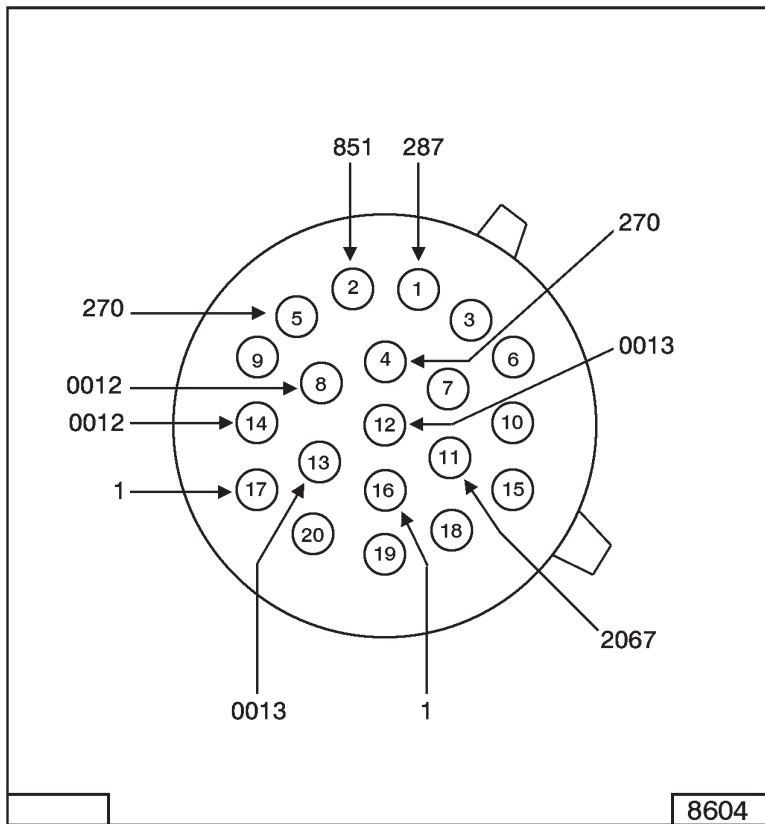
C102



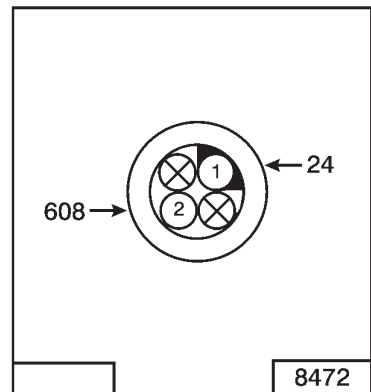
C103



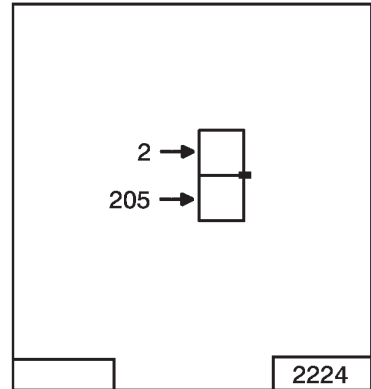
C104



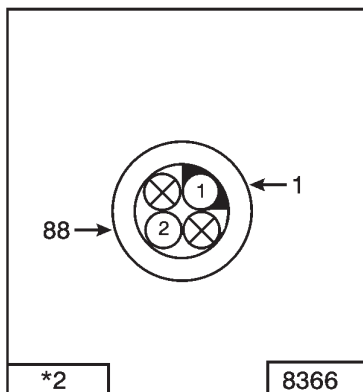
C105



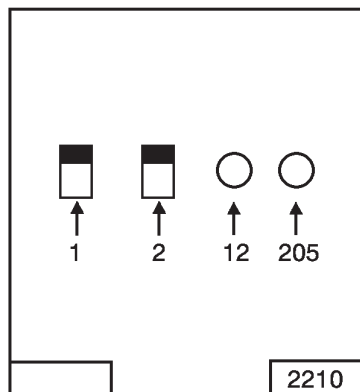
C106



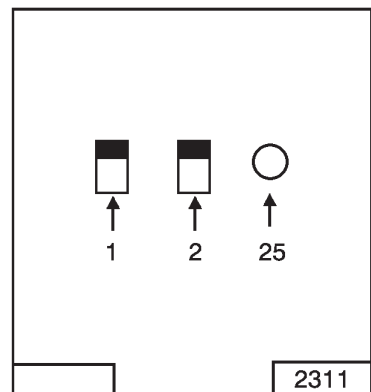
C107



C108

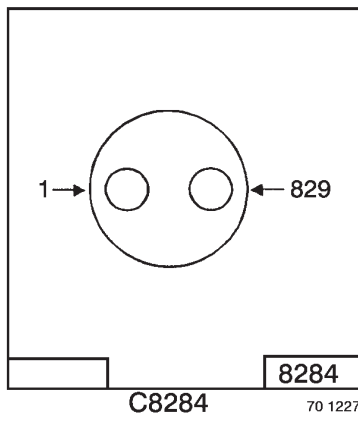
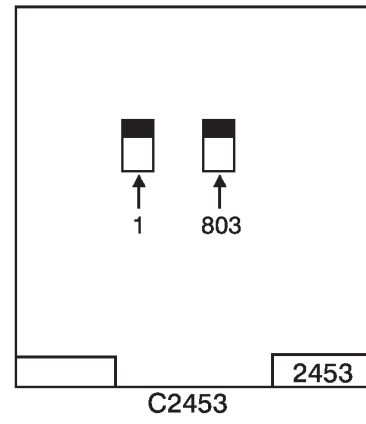
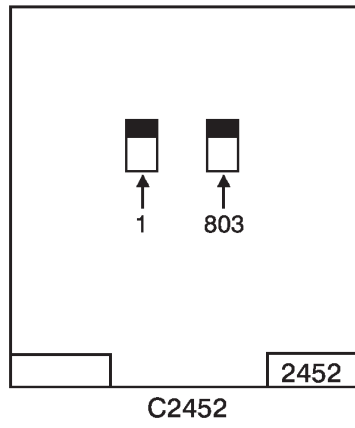
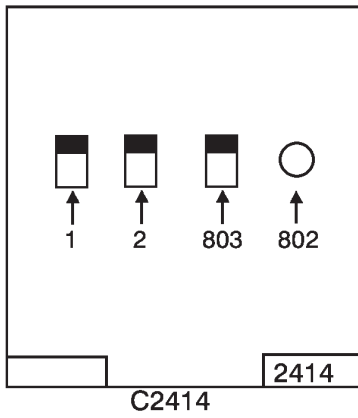


C2210



C2311

70 1223

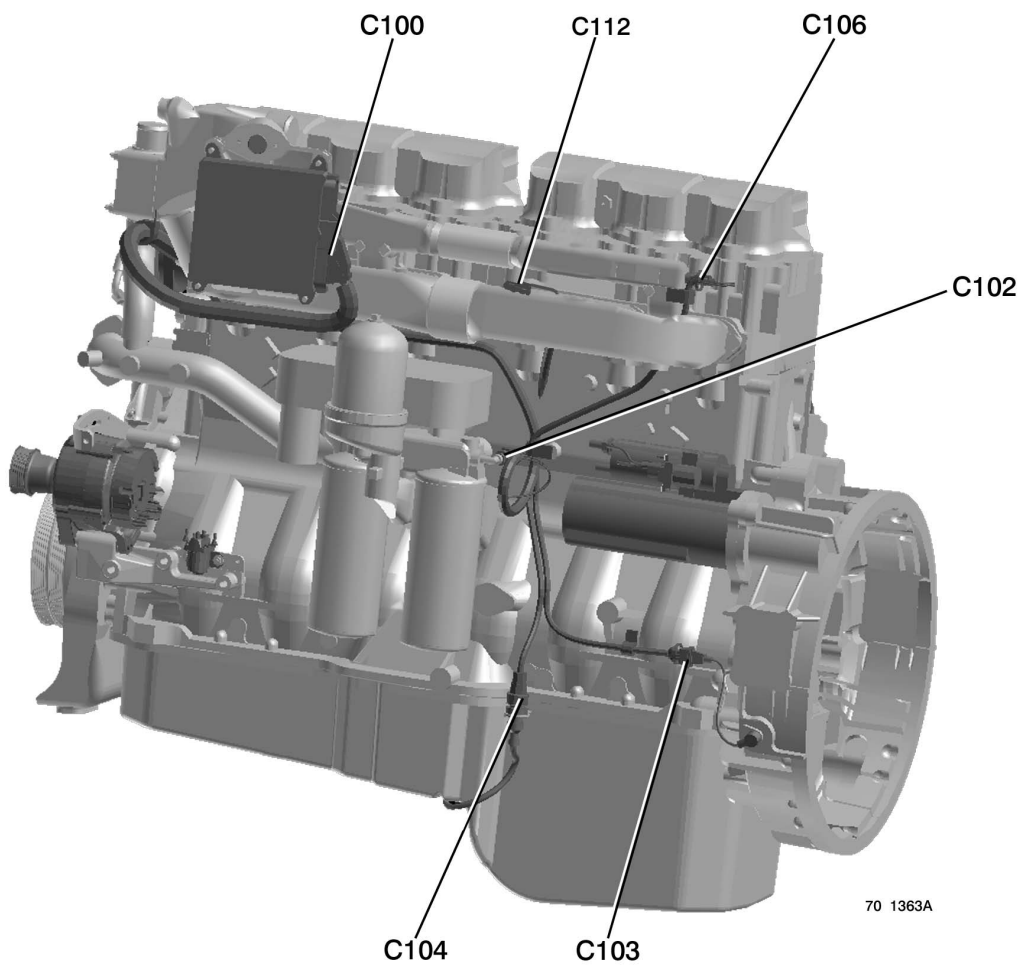


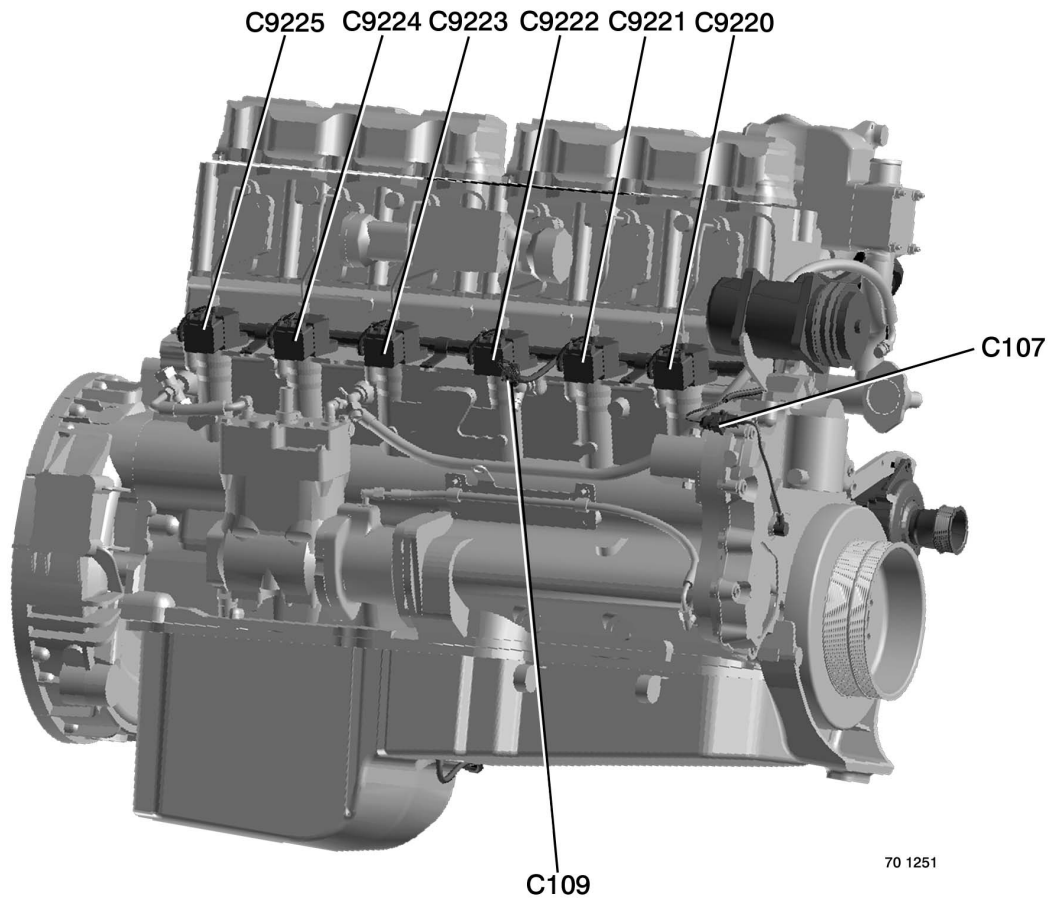
ENGINE WIRING HARNESSES

Engine MIDR 06.24.65 wiring harnesses

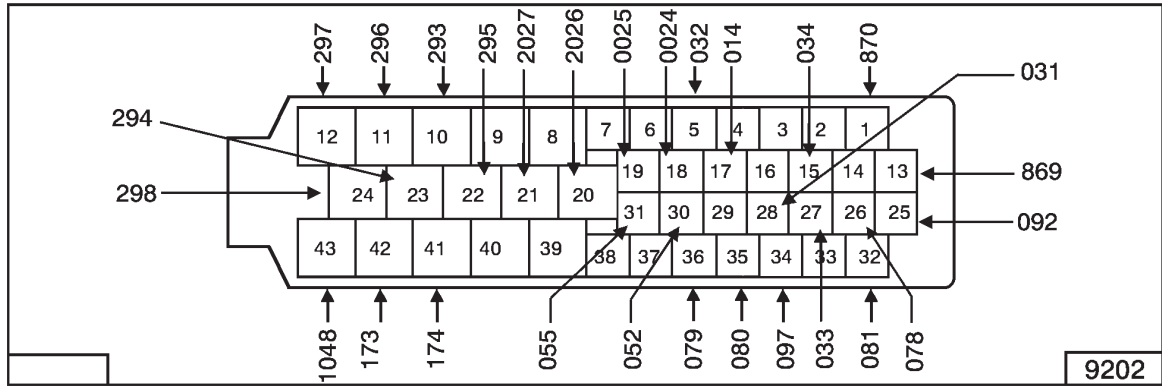
Connectors	Assignments
C100	9202 – Engine master ECU “EECU”
C102	7368 – Oil pressure sensor
C103	9228 – Engine flywheel speed sensor
C104	8275 – Engine oil level sensor
C106	7362 – Coolant temperature sensor
C107	9230 – Camshaft speed sensor
C109	7415 – Fuel temperature sensor
C112	9200 – Boost air temperature and pressure sensor
C7940*1	7940 – Jake engine–brake solenoid valve N° 1
C7941*1	7941 – Jake engine–brake solenoid valve N° 2
C9220	9220 – Injection control solenoid valve N° 1
C9221	9221 – Injection control solenoid valve N° 2
C9222	9222 – Injection control solenoid valve N° 3
C9222	9223 – Injection control solenoid valve N° 4
C9224	9224 – Injection control solenoid valve N° 5
C9225	9225 – Injection control solenoid valve N° 6

Option 1 (*1) includes : **C7940, C7941**

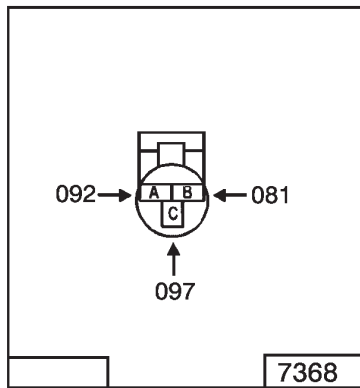




70 1251

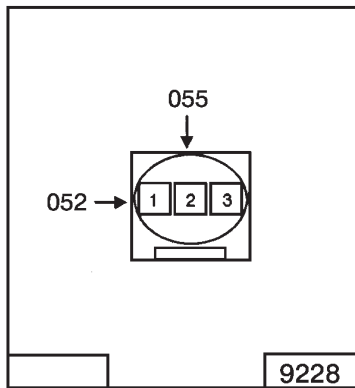


C100



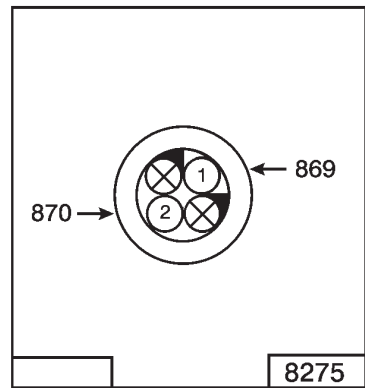
C102

7368



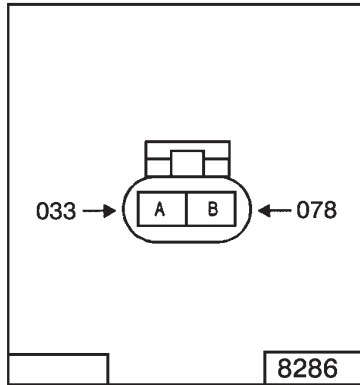
C103

9228



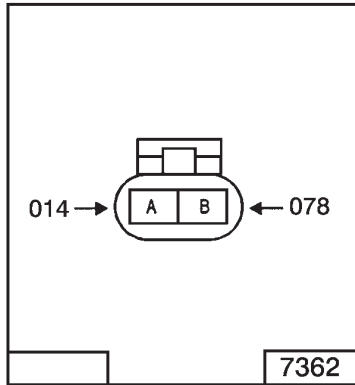
C104

8275



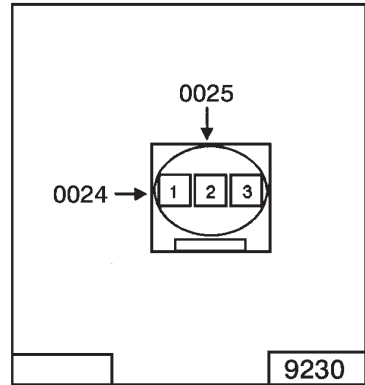
C105

8286



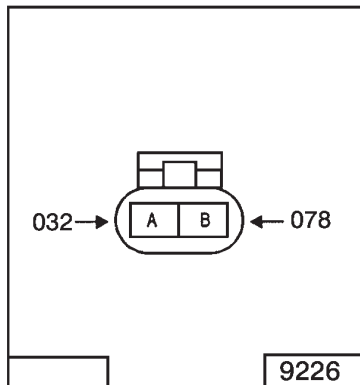
C106

7362



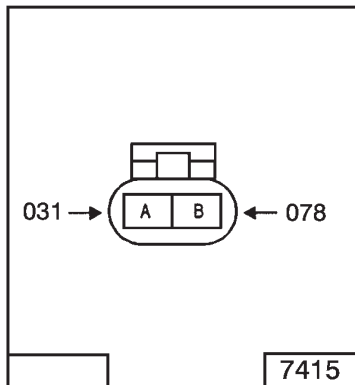
C107

9230



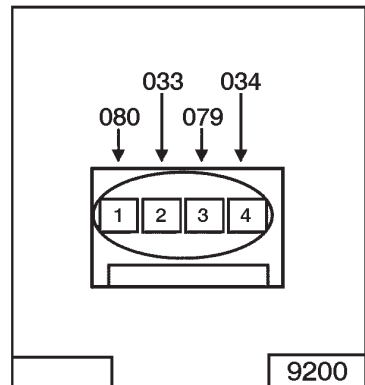
C108

9226



C109

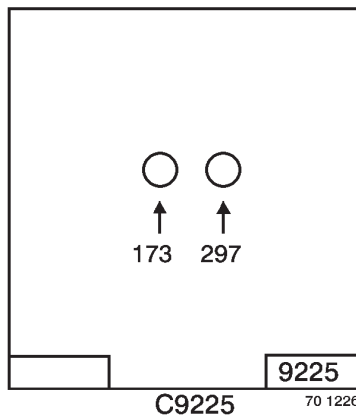
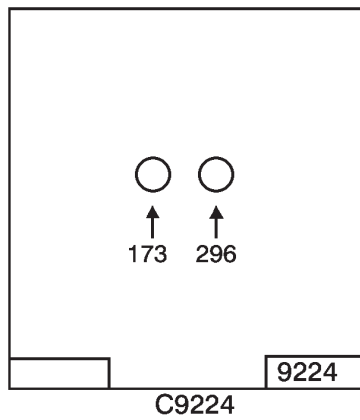
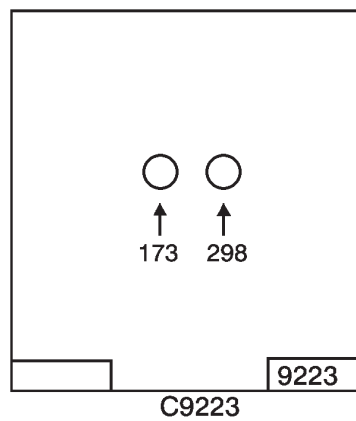
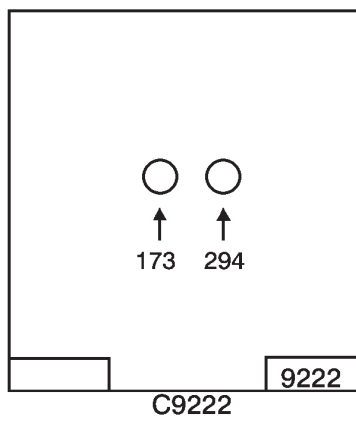
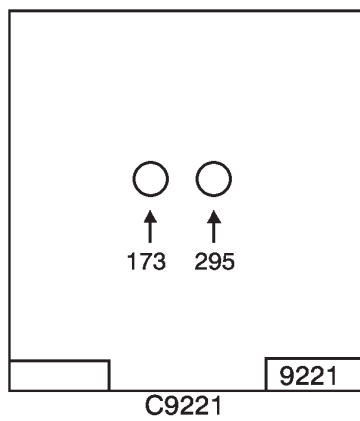
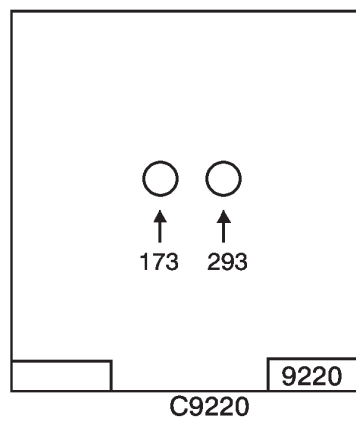
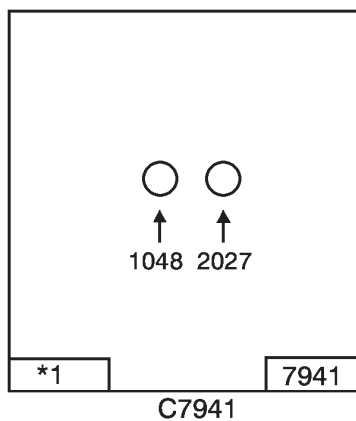
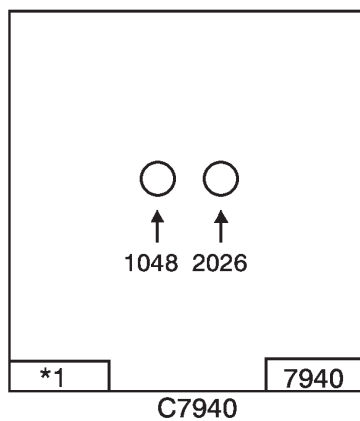
7415



C112

9200

70 1362

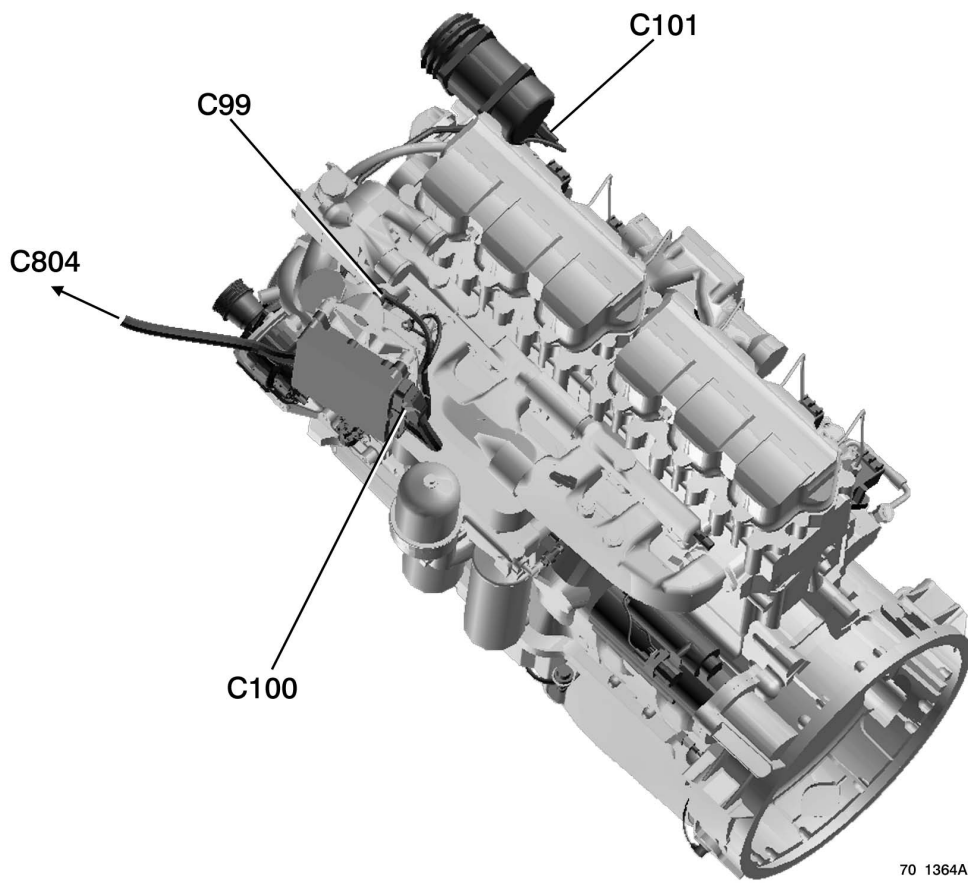


FUEL-INJECTION ELECTRONIC MANAGEMENT WIRING HARNESSES

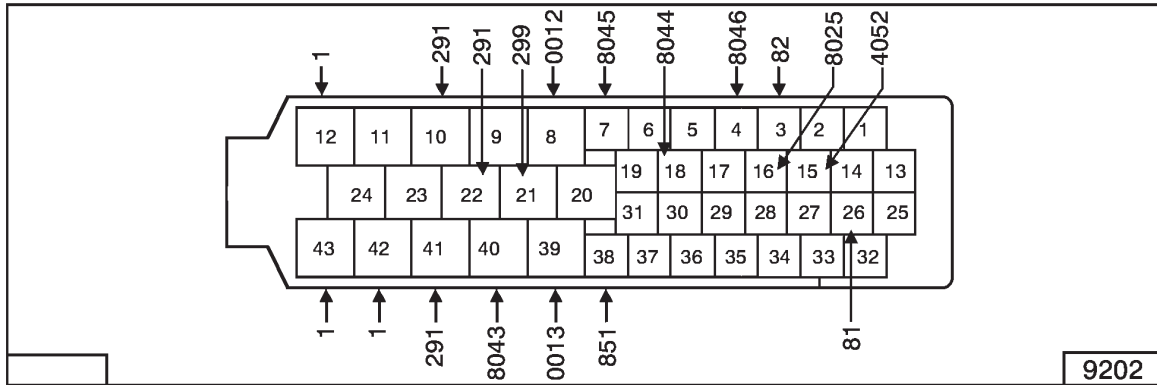
Fuel-injection electronic management wiring harnesses**Connectors****Assignments**

C99	2266	– Engine stop control (cab tilted)
C100	9202	– Engine master ECU “EECU”
C101	8228	– Variable drive fan

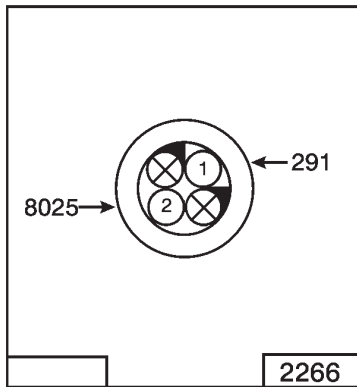
Links between harnesses**C804 → C904 (F17)**



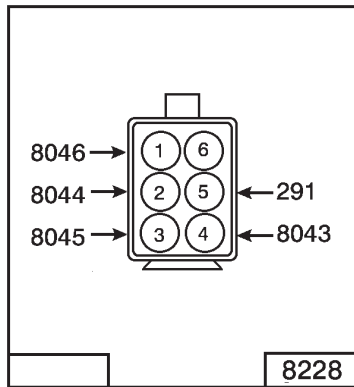
70 1364A



C100



C99



C101

70 1229