Workshop Manual

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List of Repair Groups 944

Printed in Germany - XXI, 1989

Page

Instruments, Consumption indicators, Burglar alarm

Radio, Telephone, On-board computer

Windshield wipers and washer

Exterior lights

Wiring

Printed in Germany – XXII, 1989

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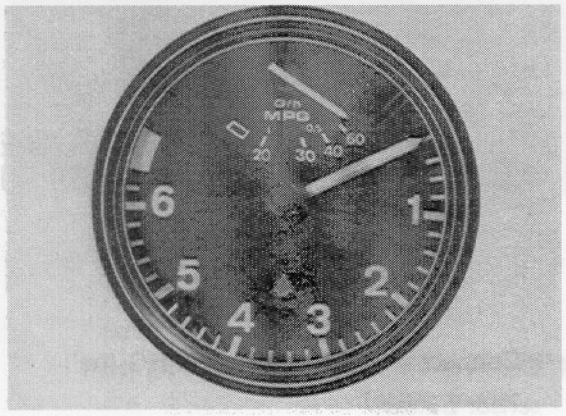
Printed in Germany – XXII, 1989

ECONOMY CONTROL

UPSHIFT INDICATOR (Extra for USA Cars with Manual Transmission)

Description and Troubleshooting

Both systems are integrated in the tachometer.



Economy Control

The economy control displays the instantaneous fuel consumption in ltr./100 km (miles per gallon) or ltr./hour (gallons per hour) depending on road speed and injection time (t_i = signal of fuel injectors).

Upshift Indicator

The upshift indicator lights up when it is practicle and economical to shift up into the next higher gear. It works in gears 1 through 4 and remains on until the next higher gear is selected or the operating condition causing display changes (e. g. coasting, full throttle, etc.).

The indicator lamp is designed for good recognition in daylight and will have less brightness when main lights are switched on.

The electronic control for both systems is housed in the tachometer and, as also the indicator lamp, cannot be replaced separately.

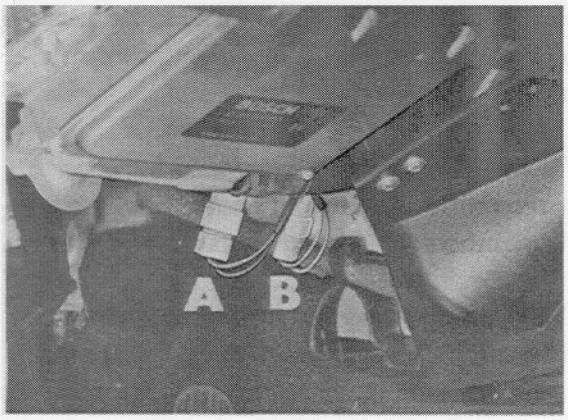
Signals Required for Operation

Economy Control
- Road speed (hall sensor signal) from speedometer
- Injection signal (t_i signal) from DME control unit

Upshift Indicator
- Engine speed (ignition term. 1)
- Coolant temperature
- Road speed (hall sensor signal) from speedometer
- Injection time (t_i signal) from DME control unit

TROUBLESHOOTING ECONOMY CONTROL

1. Check voltage on two-pin plug next to the DME control unit.



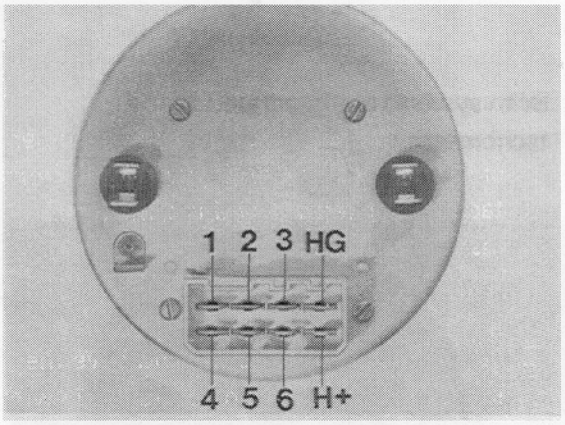
A = Plug for economy control and upshift indicator (square version)

B = Plug for altitude correction box USA (round version)

Term. 1 (black wire) should have battery voltage with ignition turned on.

2. Term. 2 of two-pin plug will have the injection signal with the engine running and it can be seen with help of an oscilloscope.
   The injection signal is a square-wave signal, which increases in width as speed picks up.

3. The tachometer must be removed (plugs remain connected) to measure the hall sensor signals in the speedometer.
   Term. 5 and H + should have battery voltage with ignition turned on.



4. Connect voltmeter on term. HG (hall sensor pulse).
   Lift and turn left front wheel slowly by hand.
   Voltage should rise and drop four times from less than 1 volt to more than 6 volts for each wheel revolution (square-wave pulses).

TROUBLESHOOTING UPSHIFT INDICATOR

If the upshift indicator malfunctions, perform same tests as for troubleshooting the economy control.

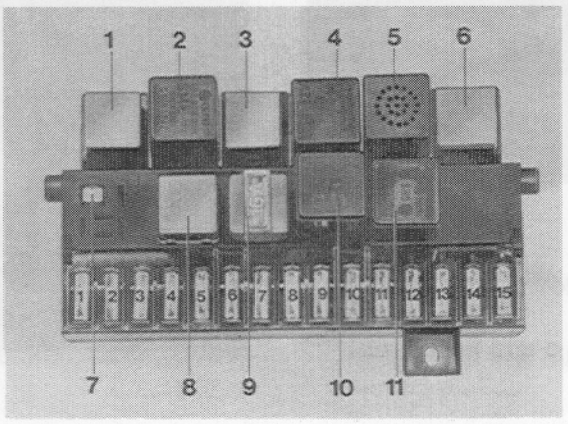
Additional Tests:

1. Coolant temperature gauge in instrument cluster must be okay. Signal comes from tachometer term. 4 and is sent to the instrument cluster.

2. Term. 6 of tachometer should have the ignition pulse (ignition coil term. 1) with the engine running.

If a defect is not found after troubleshooting the economy control or upshift indicator, check power flow in wires and contact of wires or, if necessary, replace tachometer.

RELAY ARRANGEMENT — Since 1984 Models



1 — Relay for fan

2 — Relay for fuel pump

3 — Relay for blower

*4 — Relay for headlight cleaners

*5 — Warning time relay with gong (USA)
Catalytic converter monitoring control unit (Japan)

6 — Relay for rear window defogger and seat belts

7 — Plug bridge
(term. 56 — 56 b)

8 — Relay for additional high beams

9 — Relay for horns

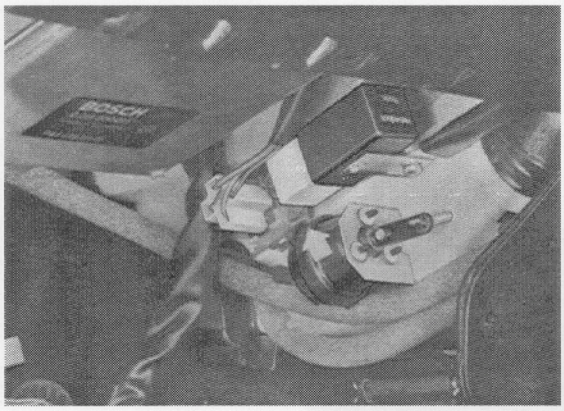
10 — Relay for intermittent action

11 — Relay for flashing lights

* Relays 4 and 5 changed since December, 1983

FUSES ON CENTRAL ELECTRIC BOARD –
Since 1984 Models

No.	Equipment	Amperes
1	Low beam, left	8
2	Low beam, right	8
3	High beam, left	8
4	High beam, right	8
5	Additional high beams	16
6	Hazard lights	8
7	Radio, clock, cigar lighter, inside lights	8
8	Stop lights	8
9	Backup lights, turn signal indicator lamps, outside mirror motor	8
10	Outside mirror heating, control wire for rear window defogger	16
11	Windshield wipers	8
12	Instrument lights, glove box light, ashtray light, license plate lights	8
13	Marker light, right	8
14	Marker light, left	8
15	Front fog lamps	16

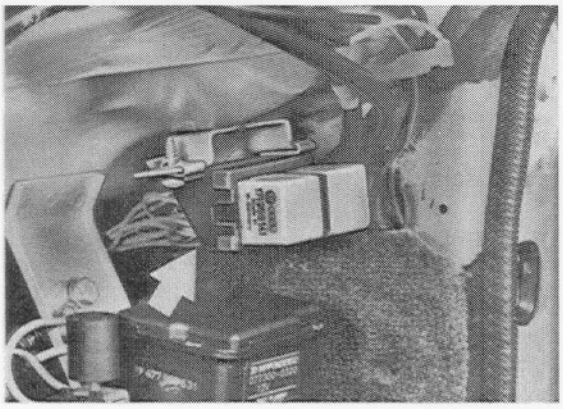


— Relay for power windows

— Relay for radio or radio and lifting roof

Installation Point:

Center console at bottom left behind trim.

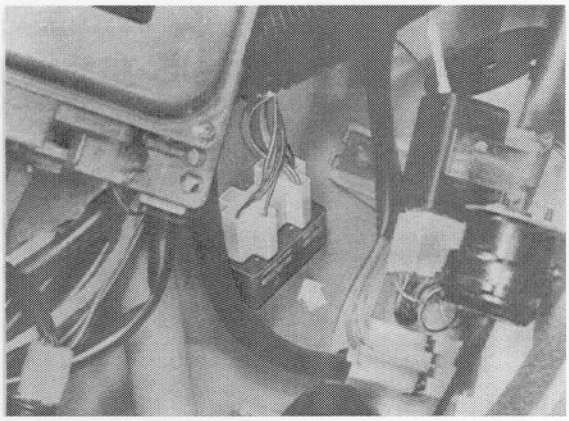


— Relay for air conditioner

— Relay for blower shutoff

Installation Point:

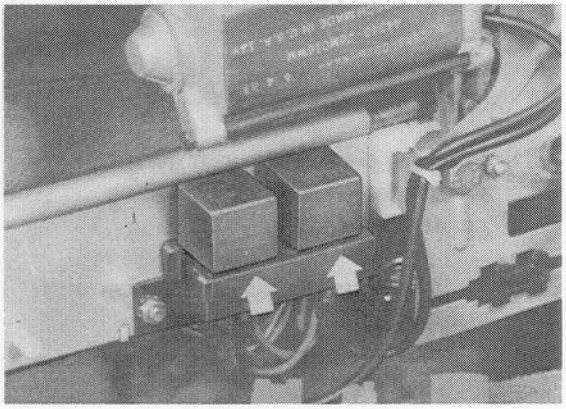
Below glove box of trim panel behind knee guard.



— Relay for front fog lamps

Installation Point:

Underneath instrument panel next to steering column.

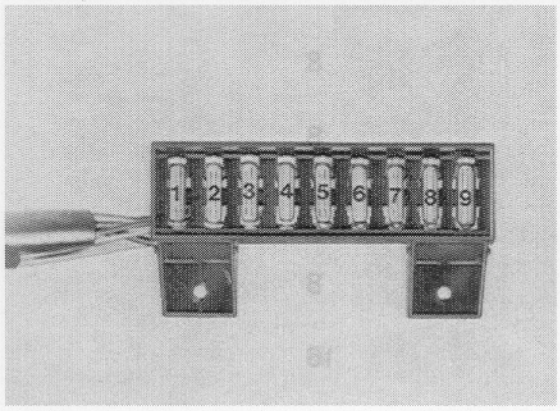


— Relay for lifting roof

Installation Point:

In luggage compartment on left side behind trim panel.

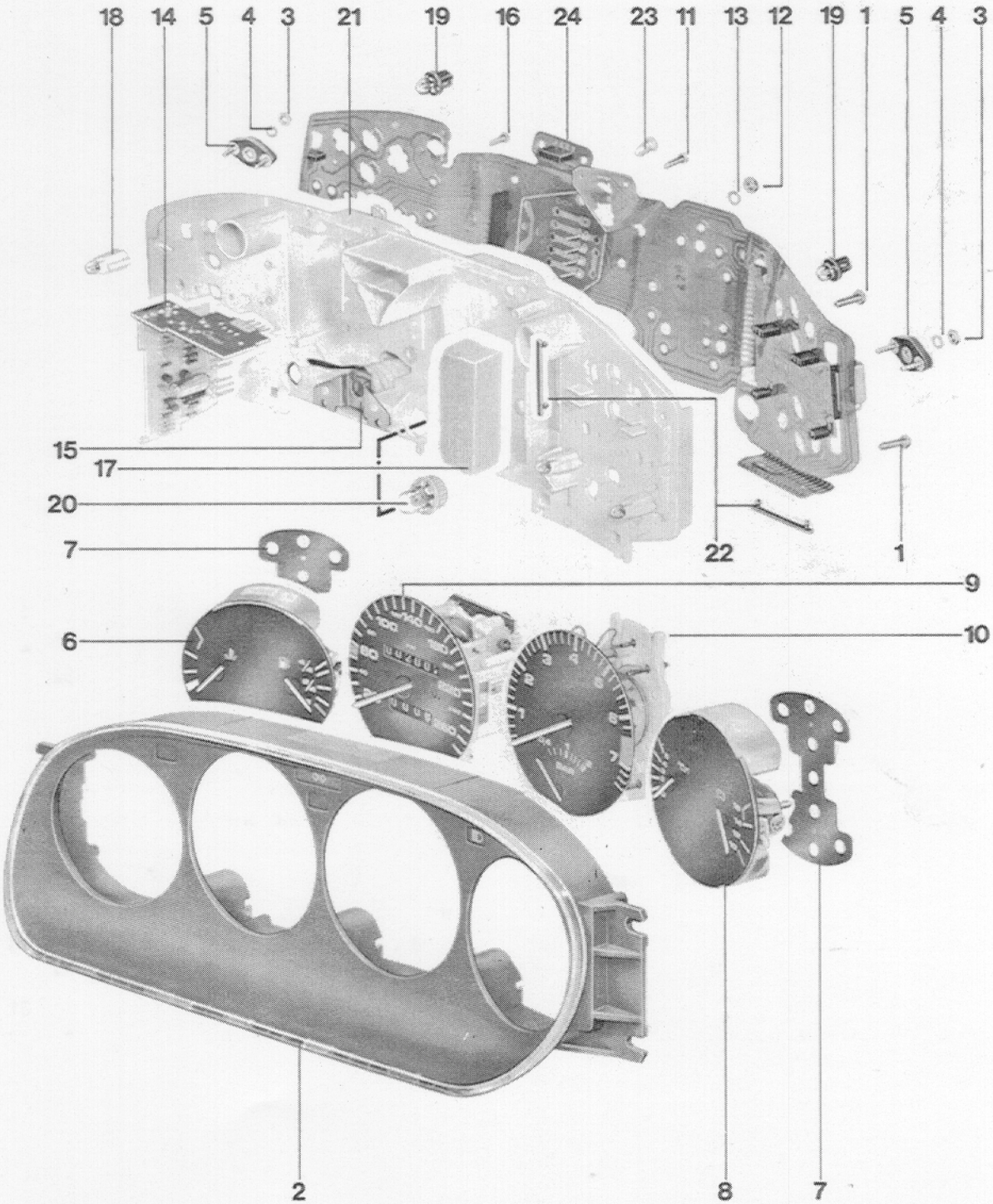
FUSES IN AUXILIARY FUSE BOX – Since 1984 Models



No.	Equipment	Amperes
1	Concealed headlight motor	16
2	Fuel pump	16
3	Blower motor	16
4	Rear window defogger	25
5	Condenser fan (air conditioner)	16
6	Compressor, evaporator fan	25
7	Rear fog light	8
8	Power windows	16
9	Blower, tailgate unlocking motor	25

INSTRUMENT CLUSTER SINCE 1985/2 MODELS

INSTRUMENT CLUSTER SINCE 1985/2 MODELS

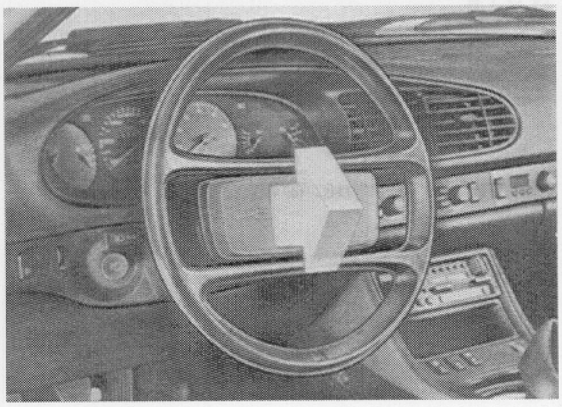


No.	Description	Qty.	Note When: Removing	Note When: Installing	Special Instructions
1	Phillips screw	9			
2	Housing	1			
3	Nut	4			
4	Washer	4			
5	Plug connector	4			
6	Temperature/fuel gage	1			
7	Gasket	2			
8	Voltmeter/oil pressure gage	1			
9	Speedometer	1	Take out carefully		
10	Tachometer	1			
11	Bolt (long)	7			
12	Nut	5			
13	Washer	5			
14	Printed circuit board	1			
15	Solenoid	1	Unweld spots carefully	Cement, if necessary	
16	Bolt (short)	2			
17	Foam rubber	1			
18	Light bulb with holder	4			1.2 W
19	Light bulb with holder	16			1.2 W

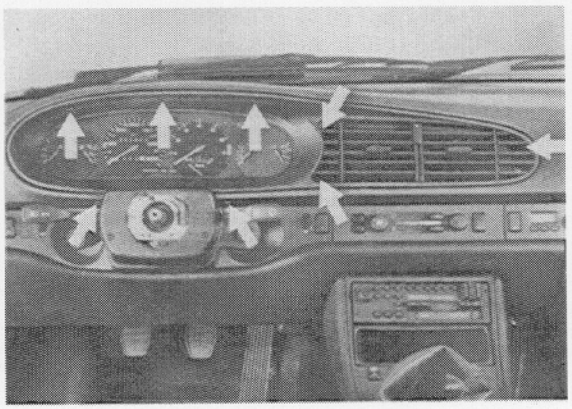
No.	Description	Qty.	Note When: Removing	Installing	Special Instructions
20	Light bulb with holder	3			2 W
21	Instrument carrier plate	1			
22	Printed circuit terminal	3			
23	Printed circuit terminal	4			
24	Printed circuit	1			

REMOVING AND INSTALLING INSTRUMENT CLUSTER SINCE 1985/2 MODELS

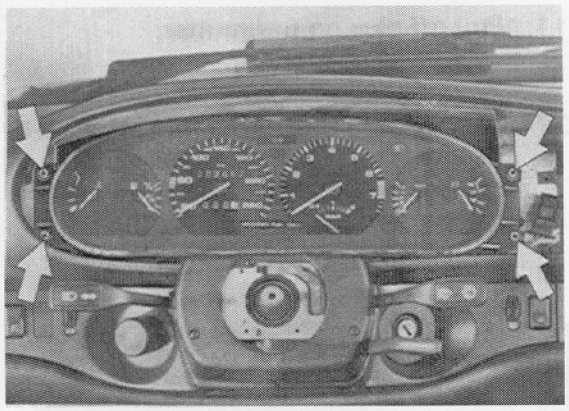
1. Pull off cover plate by hand. Unscrew nut and take off steering wheel.



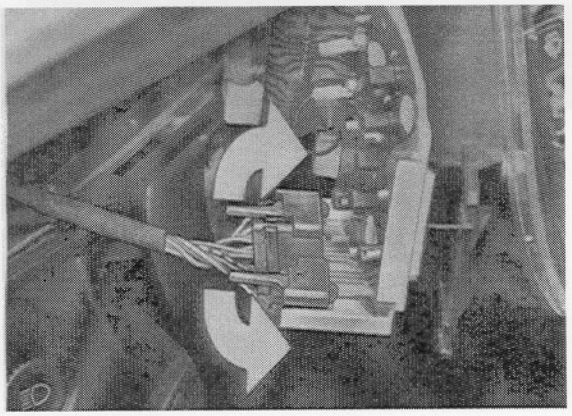
2. Unscrew and take off instrument cover.



3. Unscrew mounting screws on instrument cluster.



4. Unlock and take off plug connections on instrument cluster.

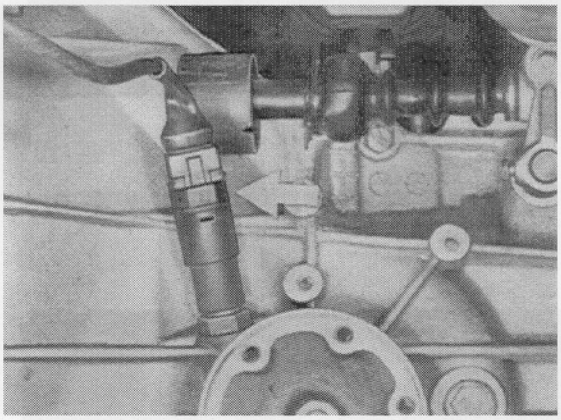


REMOVING AND INSTALLING TRANSMITTER FOR SPEEDOMETER

The transmitter is located on the left side of the transmission next to the axle shaft flange.

1. Pull off plug on transmitter.

2. Loosen and unscrew transmitter with a suitable tool. The bottom hexagon belongs to the mechanical drive of the transmitter.



Note

Check specified tightening torque when tightening the transmitter.

Tightening torque: 4 Nm.

Checking the instruments

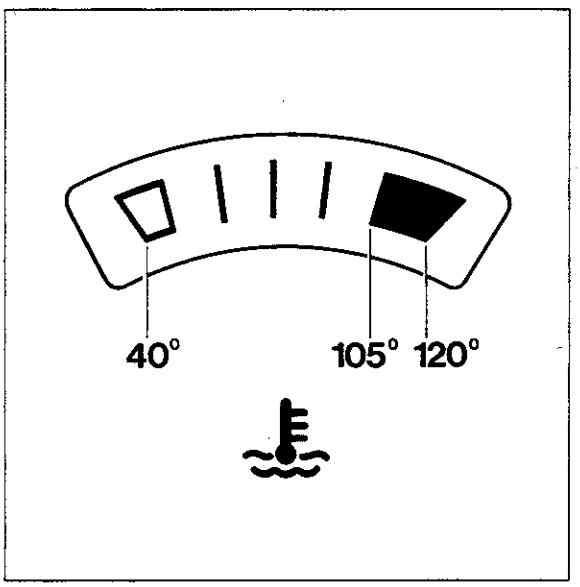
Models 82 - 85

You can check the indicators for coolant temperature, tank and oil pressure with the VAG 1301* test unit.
The connection cable must be disconnected from the relevant sensor for this.

The appropriate values are set on the test unit according to the following table. Switch on the ignition. If the instrument indicates the correct value, replace the sensor. If the instrument indicates an incorrect value or no value at all, check the cableto the instrument and replace the instrument if necessary. One pointer width to the rightor left is a permissible deviation.

* See workshop manual Chapter 3 Groups 9/10.

Coolant temperature (°C)	Test unit setting	Resistance (Ω)
40	557 - 558	287.4
105	46 - 47	33.6
120	24 - 25	22.7



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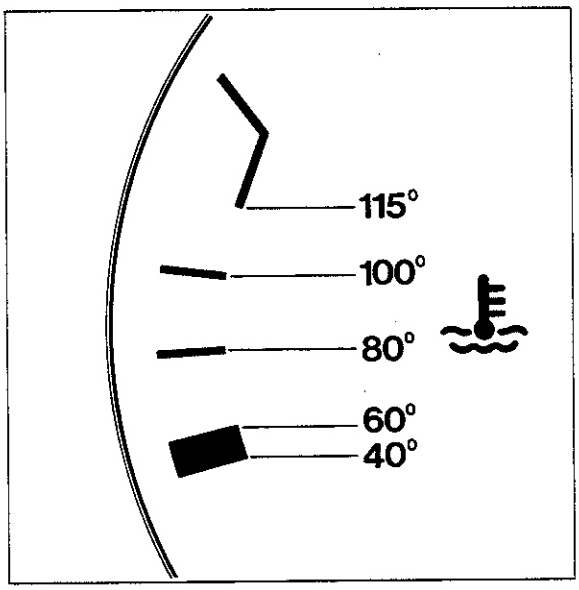
Tank	Test unit setting	Resistance (Ω)
RES	122 - 123	71.6
1/4	96 - 97	58.7
1/2	47 - 48	34.5
3/4	9 - 10	15,3
1/1	No setting possible	3.2

Oil pressure (bar)		
0	No setting possible	10.0
3	212 - 213	116.0
5	349 - 350	184.0

As from Model 85/2

Coolant temperature (°C)		
40	557 - 558	287.4
60	247 - 248	134.0
80	117 - 118	69.1
100	55 - 56	38.5
115	30 - 31	25.8



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Tank	Test unit setting	Resistance (Ω)
RES	105 - 106	63.2
1/4	63 - 64	42.2
1/2	21 - 22	21,2
3/4	No setting possible	8.6
1/1	No setting possible	2.8
Oil pressure bar		
1	37 - 38	29.6
2	110 - 111	65.3
3	177 - 178	98.9
4	246 - 247	133.6
5	349 - 350	184.0

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Checking burglar alarm

Model 89 onward

Note

The alarm control unit is located in the passenger's footwell behind the DEE control unit.

The following signals must be present at the alarm control unit terminals.

Input signals

1. Terminal 31: Ground
2. Terminal 30: Battery voltage
3. Terminal 15: Battery voltage with ignition switched on.
4. Terminal 61: Battery voltage with engine running.
5. Terminal T -: Ground with doors open or tailgate open.
6. Terminal MK: Ground with engine hood open or radio removed.
7. Terminal A: Ground with key in the lock cylinder of doors turned in "open" direction.
8. Terminal E: Ground when lock cylinder turned towards "closed".

Output signals

1. Terminal 87 a: Battery voltage with ignition switched on.
2. Terminal Hn: Battery voltage clocked with burglar alarm primed and triggered (permanently in Swiss vehicles).

Note

There is a relay in base G 18 of the central electric system in USA vehicles which operates fog lamps and brake lamps as a visual warning in addition to the alarm horn.

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Checking auxiliary control unit burglar alarm

Note

The auxiliary control unit is located in the central electric system.

Input signal

Check the input signal at the base, with relay removed.

1. Terminal 1: Ground with doors or tailgate open.
2. Terminal 3: Ground
3. Terminal 4: Battery voltage (Terminal 30)
4. Terminal 8: Ground with key in the lock cylinder (driver's or passenger's door) turned towards "closed" (only for as long as the lock cylinder is held in this position
5. Terminal 9: Ground when the lock cylinder is turned towards "open".

Output signals

The output signals may only be checked with the relay fitted.

1. Terminal 2: Ground if

a) ground at terminal 8

b) burglar alarm primed approx. 25 seconds after closing tailgate (short pulse of approx. 0.5 seconds only).

2. Terminal 5: Battery voltage
3. Terminal 6: Ground if ground at terminal 9.

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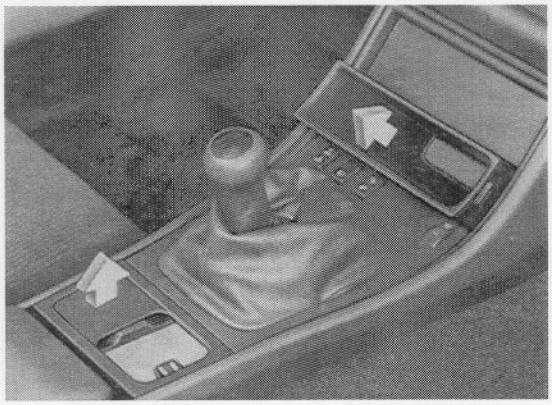
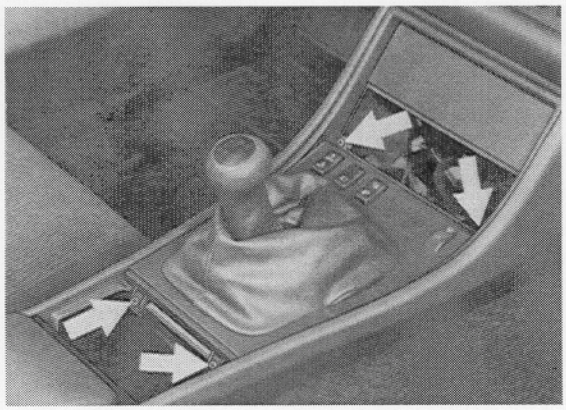
SERVICE INSTALLING RADIO SINCE 1985/2 MODELS PREPARED FOR RADIO INSTALLATION

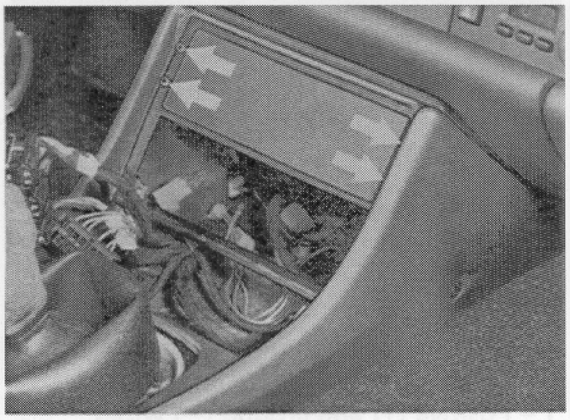
1. Pull out tray holder and astray.



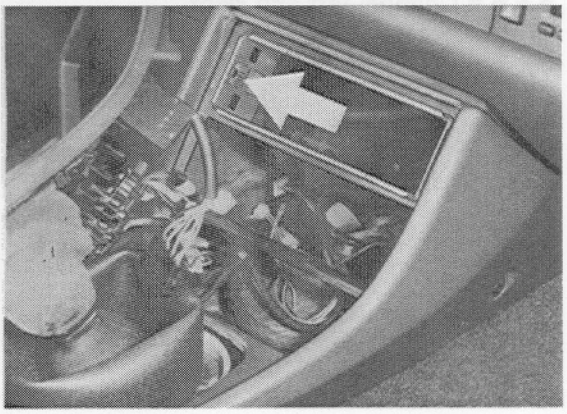
2. Unscrew mounting screws on cover frame of center console.



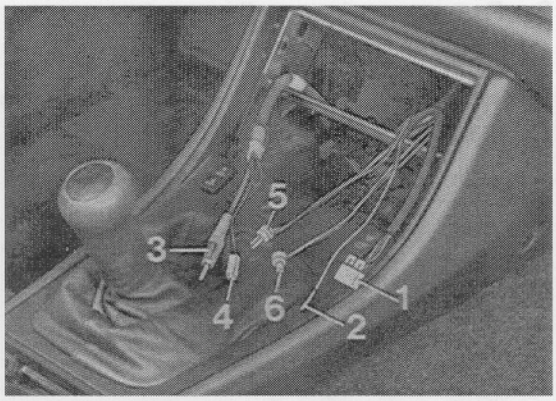
3. Remove mask on radio opening.



4. Insert holding frame for radio and bend in tabs with a screwdriver.



5. Connect radio.



1 = Positive (+) and ground (–) wired via the ignition lock.

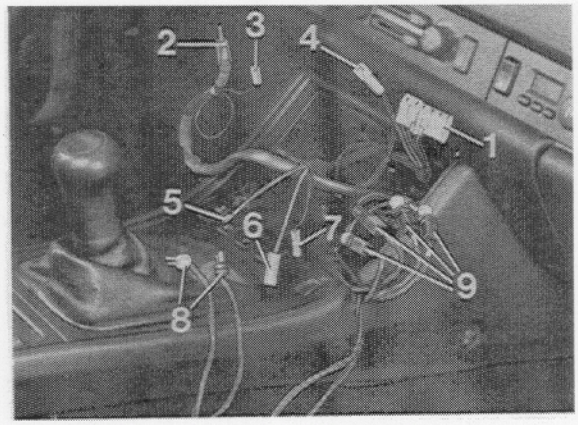
2 = Constant positive (+) term. 30.

3 = Antenna connection.

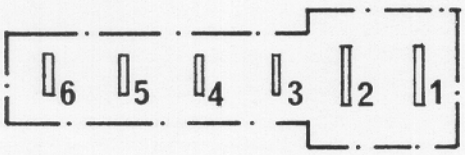
4 = Antenna amplifier connection.

5 + 6 = Channel left and right.

CONNECTIONS IN MODELS PREPARED FOR RADIO FROM 1986



1 Plug (6 pin) for radio power supply



Term.1 = Ground connection

Term.2 = Ignition lock term. R

Term.3 = Lighting (bridged with automatic antenna)

Term.4 = Automatic antenna

Term.5 = Permanent positive term.30

Plug assignment only with Monterey SQ R 23

Term.1 = Ground connection

Term.2 = Ignition lock

Term.3 = Lighting

Term.4 = Bridged, automatic antenna

Term.5

Term.6 = Permanent positive term.30

2 Antenna connection

3 Plug for antenna amplifier

4 Plug for automatic antenna/ antenna amplifier from radio

5 Ground connection

6 Permanent positive term.30

7 Automatic antenna/antenna amplifier (radio positive output)

8 Speaker connection left and right channel (2-channel radio)

9 Separating point for connecting speakers to a 4-channel radio (fading regulator is bypassed)

N o t e

Connections 5,6,7 are provided for the equalizer + power booster, but can also be used for other components.

Preparatory telephone equipment

M 195 Cellular telephone system

M 496 C network telephone system

As from Model 88, all 944 vehicles can be fitted with preparatory equipment for a telephone system.

This preparatory equipment comprises all necessary cable harnesses, brackets for the transceiver and controller as well as the telephone antenna.

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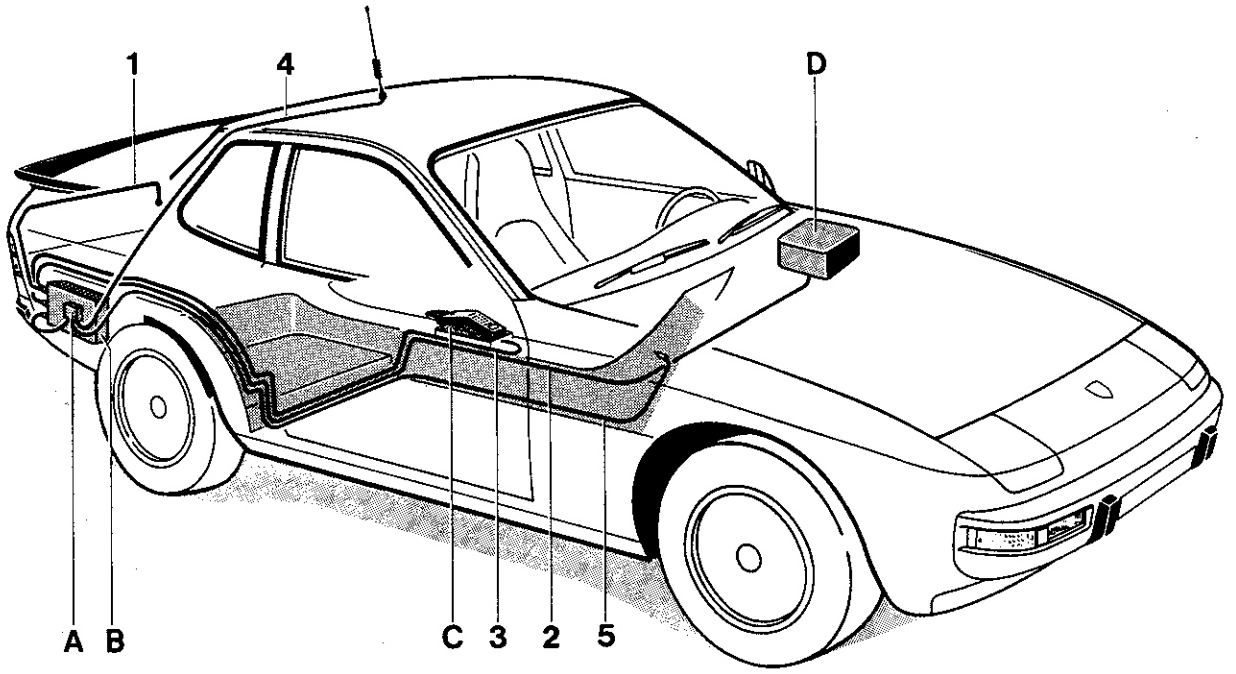
Laying the cable harnesses in the vehicle



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A - Antenna separating filter

B - Transceiver

C - Controller

D - Central electric system

1 - Terminal 31

2 - Terminals 15 and 30

3 - Controller lead

4 - Antenna lead

5 - Antenna lead, radio

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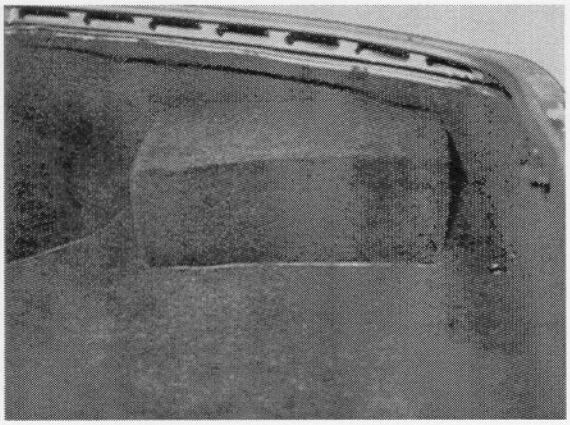
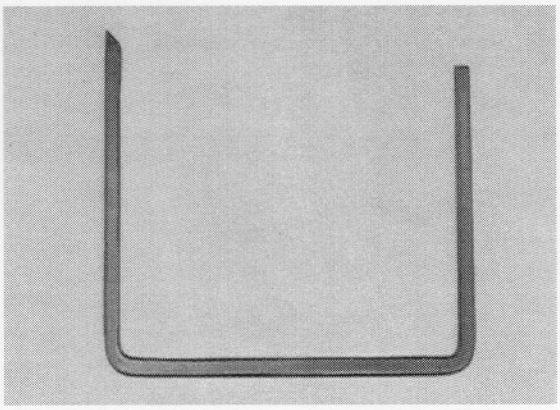
Installing the transceiver

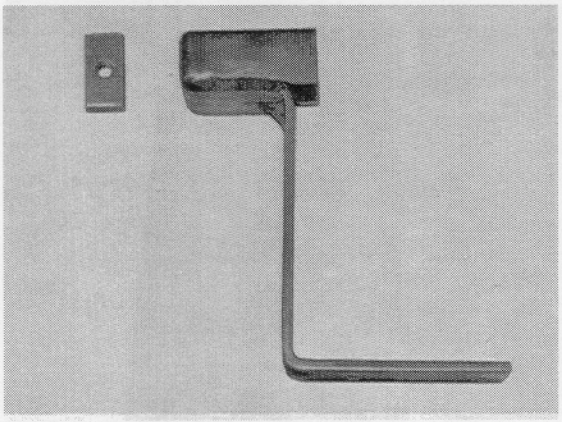
The transceiver is installed under a cover in the floor recess on the right-hand side to the rear of the luggage compartment.



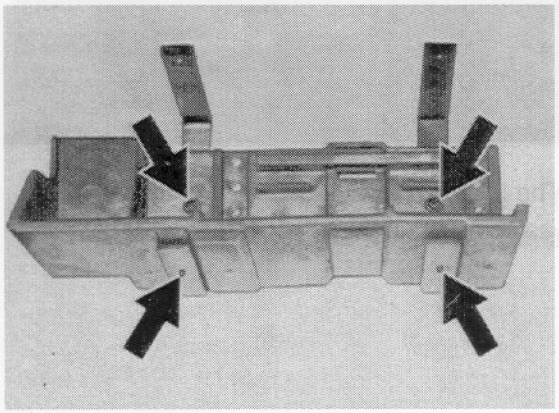
1.1 Bracket for the C network transceiver



1.2 Bracket for the Cellular transceiver and threaded plate.

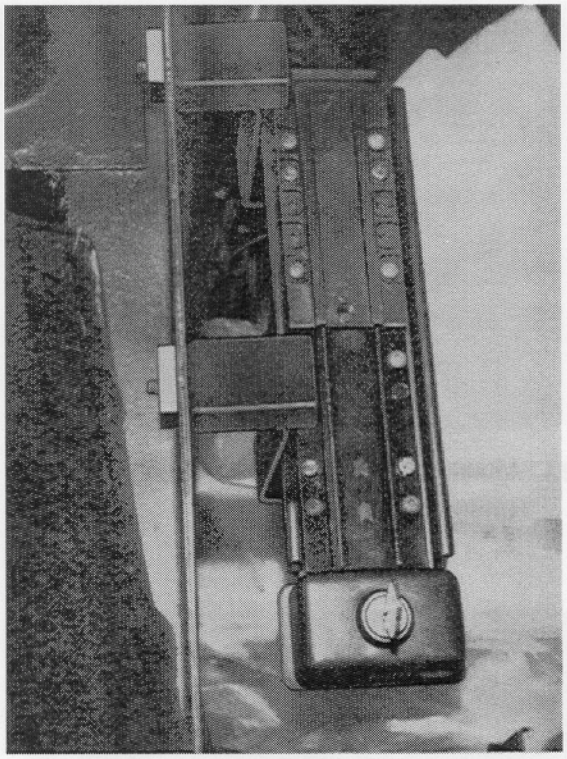


2.1 Mounting the universal holder on the C network bracket.



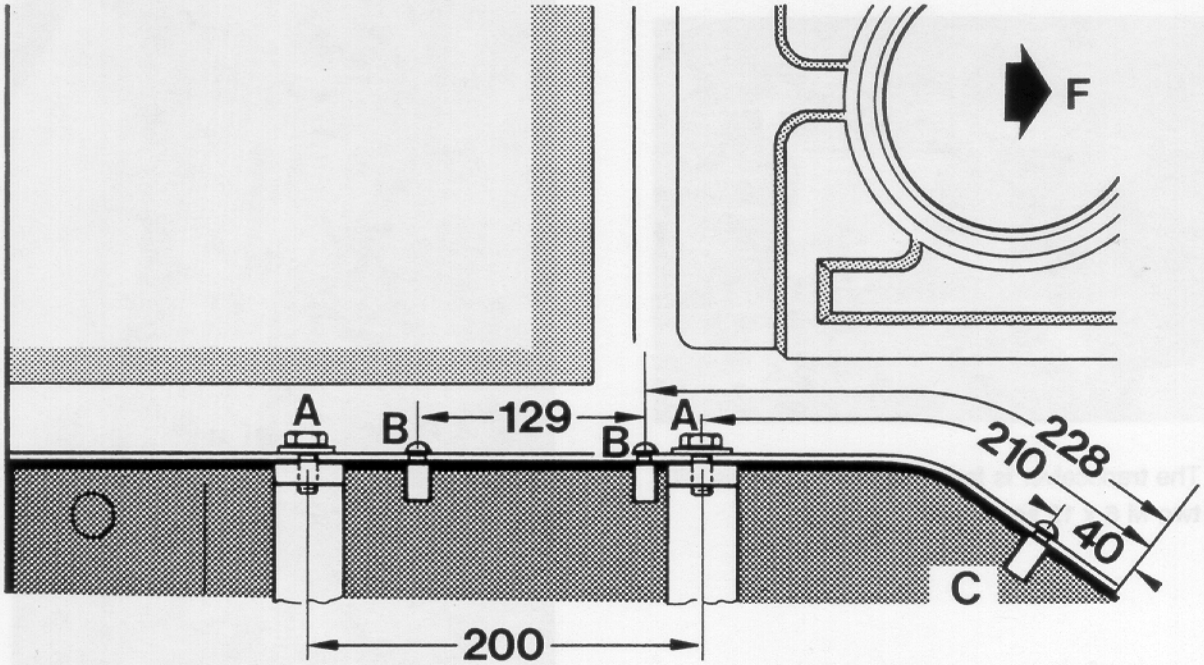
The universal holder is mounted on the 2 fastening brackets with 4 M 6 x 18 screws.

2.2 Mounting the universal holder on the Cellular fastening bracket.



The universal holder is mounted to the fastening brackets with 4 M 4 x 10 screws.

3. Mounting points in the vehicle



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A - Mounting points for C network

B - Mounting points for Cellular

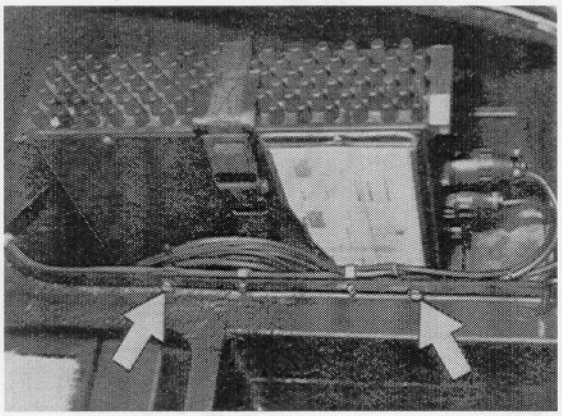
C - Cable clip

F - Direction of travel

Note

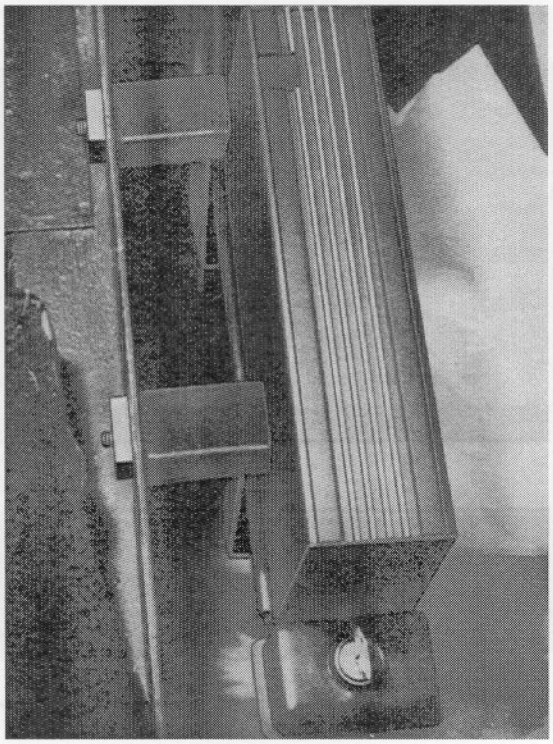
When installing the C network telephone system, the mounting points for the Cellular telephone system are used to fasten the cable with clips (as shown in the drawing). All 5 mounting points are drilled out to 6.5 mm.

4.1 Installing the transceiver for C network, stowing the excessive length of the cable harness.



The transceiver is fastened to the chassis with two M 6 x 12 screws.

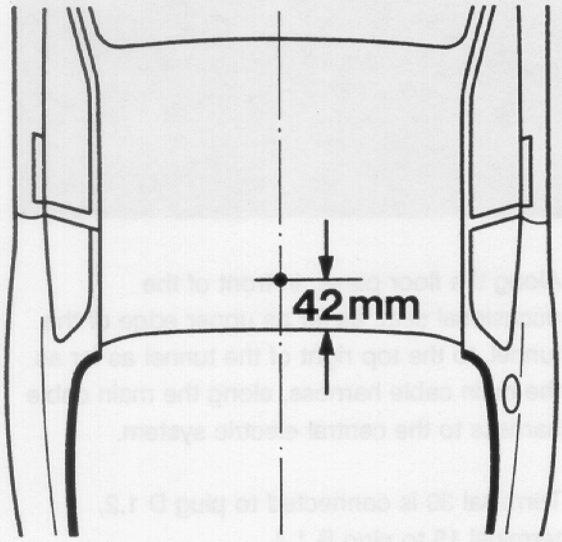
4.2 Installing the Cellular transceiver.



The transceiver is fastened to the chassis with two M 6 x 15 screws and two threaded plates.

Installing the antenna

The telephone antenna is mounted on the roof.



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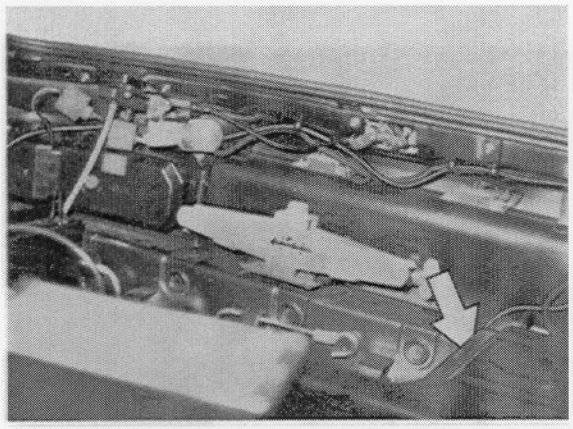
Installing the antenna separating filter

The antenna separating filter is only mounted with the C network telephone system.

The antenna separating filter is fastened to the right-hand side of the transceiver.

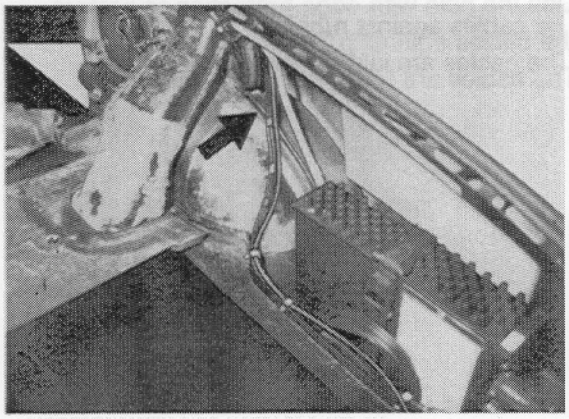
Laying the power supply leads

1. Ground lead



The ground lead is laid from the transceiver along the rear cableharness to the grounding point.

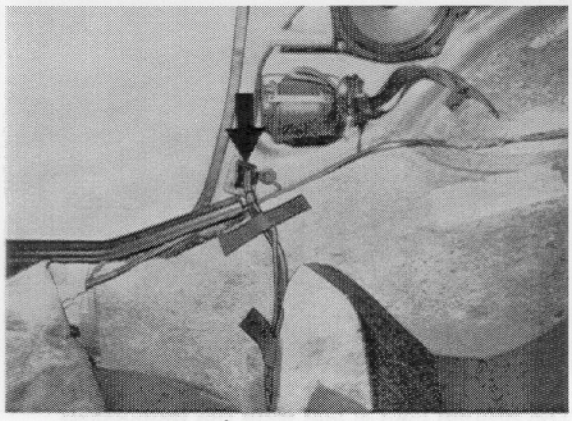
2. Plus supply terminals 30 and 15.



The plus lines are laid from the transceiver along the frame siderail, over the wheelhouse shell to the C column and to the B column.

Note

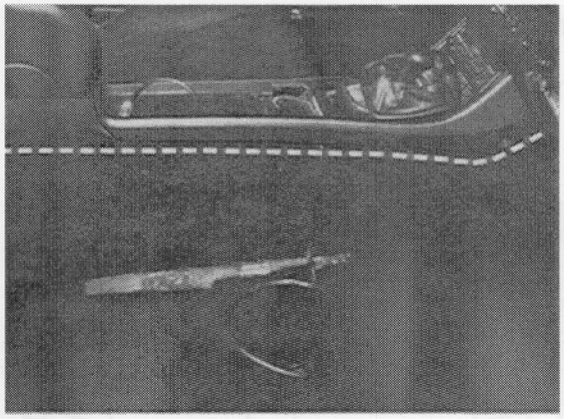
The stippled flange of the wheelhouse shell must be covered with edge protection to protect the cable against rubbing.



Through the existing hole in the B column into the interior of the vehicle as far as the floor panel.

Note

Line the hole with edge protection to protect the cables against rubbing.
The cables are laid under the insulation.



Along the floor panel, in front of the occasional seat, as far as upper edge of the tunnel, to the top right of the tunnel as far as the main cable harness, along the main cable harness to the central electric system.

Terminal 30 is connected to plug D 1.2, terminal 15 to plug B 1.4.

3. Lead the cable harness from the transceiver to the controller.

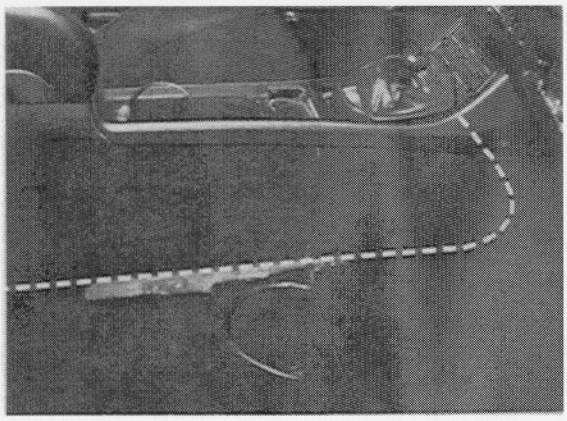
Lay the cables parallel to the supply lines for the controller.

4. Antenna cable

For vehicles with folding roof: the antenna cable is fastened to the folding roof linkage with cable straps. The cables are laid from the roof antenna to the right-hand B column and to the antenna separating filter.

For vehicles without folding roof: the antenna cable is laid in the rear roof support.

5. Antenna cable for the radio.



The antenna cable is laid from the antenna separating filter over the wheelhouse shell to the C column and to the B column. Through the existing hole in the B column into the interior of the vehicle as far as floor panel. On the floor panel, along the bottom edge of the tunnel to the radio.

Printed in Germany – XVII, 1988

Retrofitting CD player from Model 89 onwards

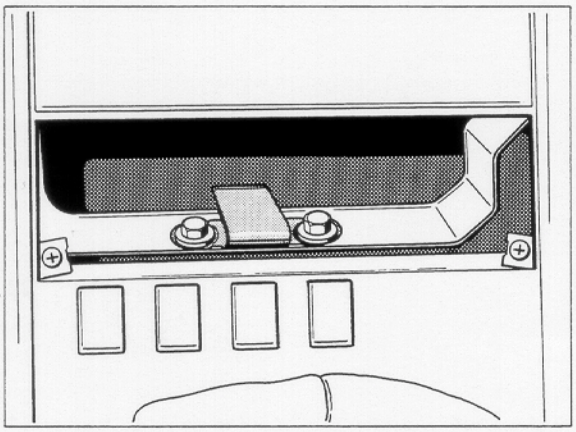
Vehicles fitted with preparatory radio equipment

Note

The CD player may only be operated with an equalizer.

1. Remove shelf from central console (may no longer be used as the equalizer is installed in this position).

2. Secure the equalizer's support spring to the bracket fitted for the central console.



164 - 91

3. Fit trim panel to equalizer.

4. Connect equalizer (lines fitted in vehicle) and slide in.

Note

Connector assignment is specified on the equalizer.

5. Install retaining frame for CD player.

6. Connect CD player.

Note

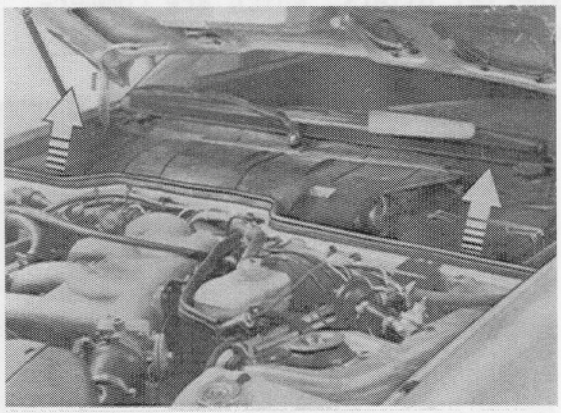
The connector assignment is specified on the CD player.

7. Slide in CD player and latch.

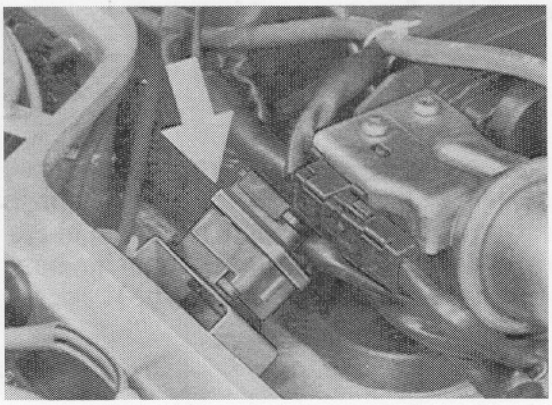
Printed in Germany – XIX, 1989

REMOVING AND INSTALLING WINDSHIELD WIPERS SINCE 1985/2 MODELS

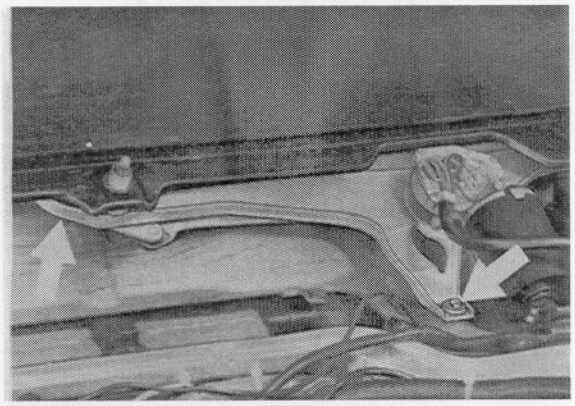
1. Loosen and pull off wiper arms. Pull off rubber seal with cover from above and loosen cement of cover below the windshield.



2. Disconnect plug.



3. Unscrew and remove mounting screws of wiper assembly.

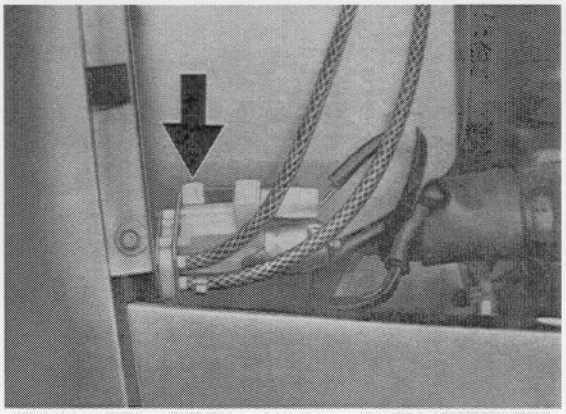


Tightening torque for wiper arms = 15 Nm.

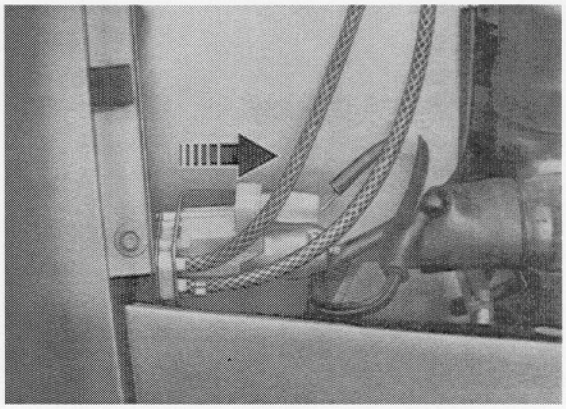
REMOVING AND INSTALLING ELECTRIC PUMP FOR WINDSHIELD WASHER SYSTEM

Removing

1. Disengage and pull out retaining clip.

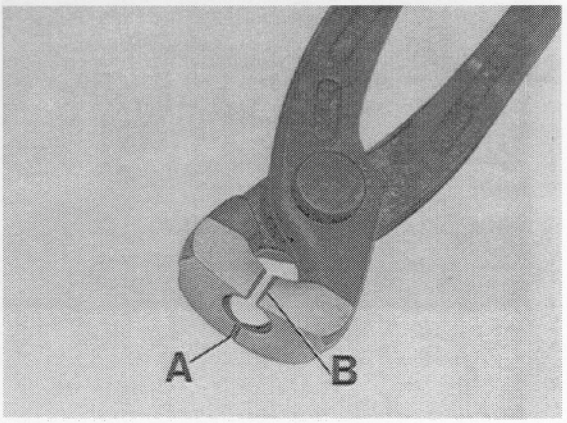


2. Push pump out of holder and remove.



Note

The removal and installation of hose clamps is best done with special pliers, which are commercially available.

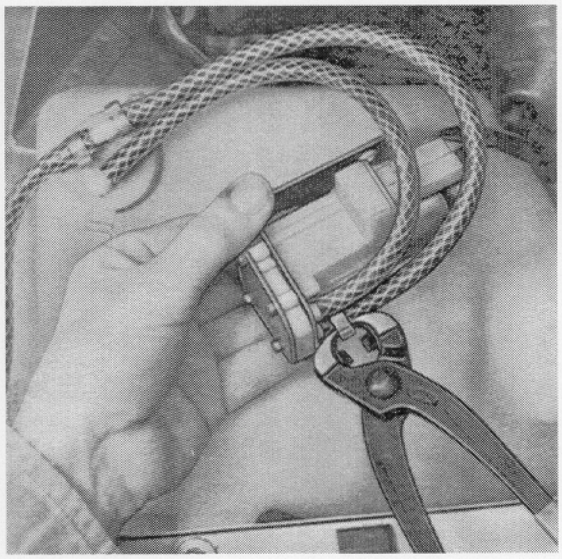


A - Edge for separating

B - Edge for clamping

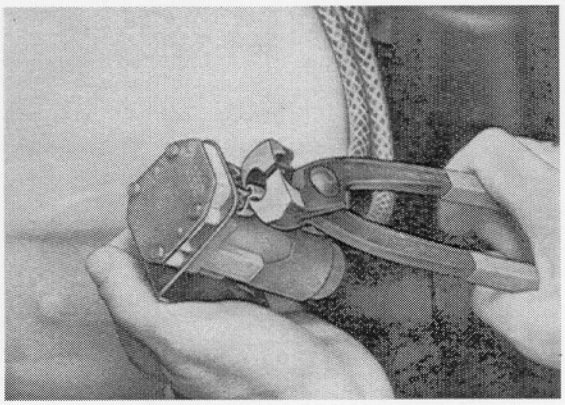
When using normal cutting pliers, care must be taken to avoid subjecting the pump hose nipple to bending force when loosening the hose clamp (danger of breakage).

3. Transversely separate hose clamp on pump and pull off hoses. Disconnect plug connection.



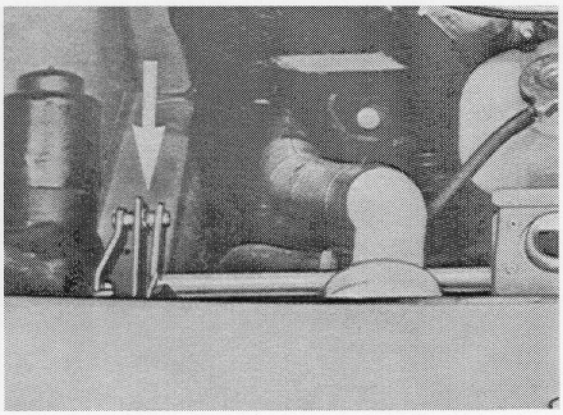
Installation

Install hose clamp and check for good seating.



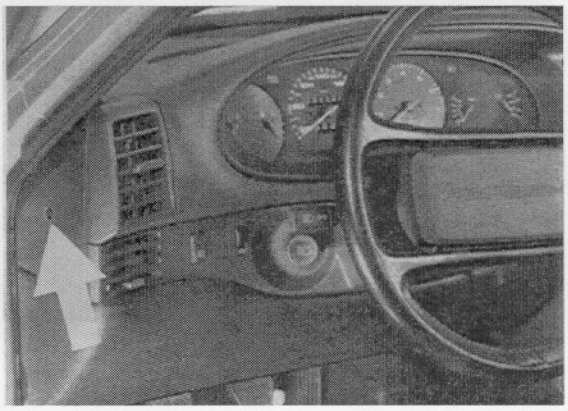
LUBRICATING LINKAGE OF CONCEALED HEADLIGHTS

Lubricate linkage of concealed headlights with a commercial multi-purpose grease when servicing car or after washing engine.

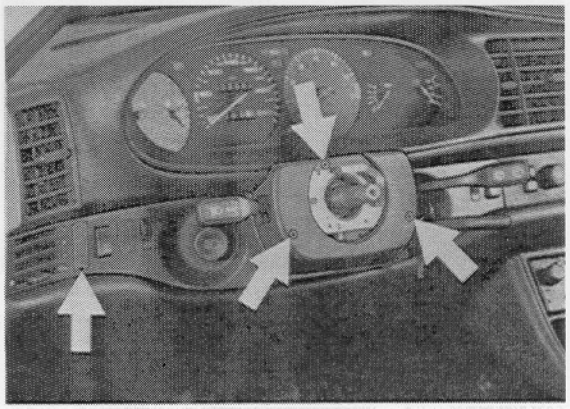


REMOVING AND INSTALLING SWITCH PLATES SINCE 1985/2 MODELS

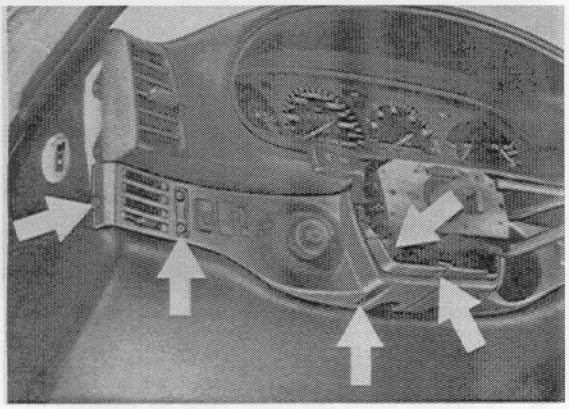
1. Remove steering wheel. Unscrew trim on instrument panel at left side.



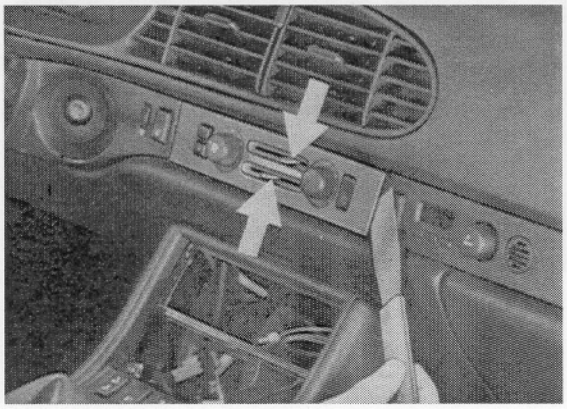
2. Loosen trim on steering column switch and remove cover mounting screws on switch plate.



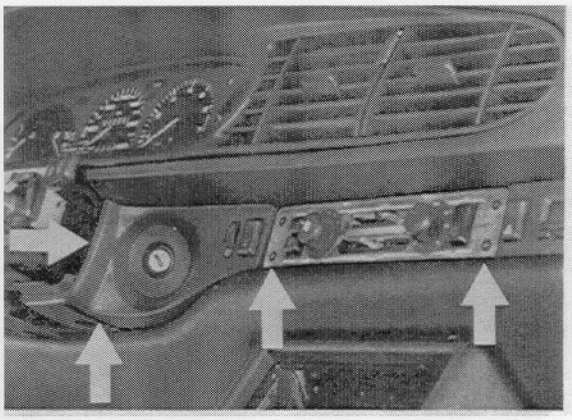
3. Unscrew switch plate mounting screws and remove.
   Pull off plug.



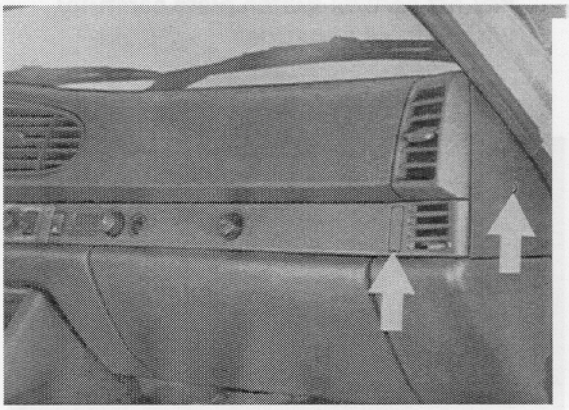
4. Pull off knobs on control switch.
   Pry off control switch plate carefully with help of a spatula.



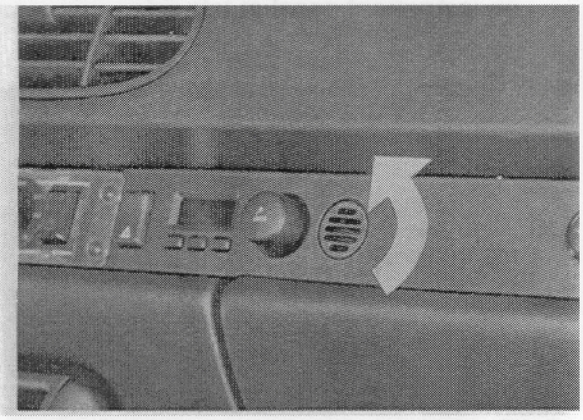
5. Unscrew mounting screws of control switch and plate on steering lock.



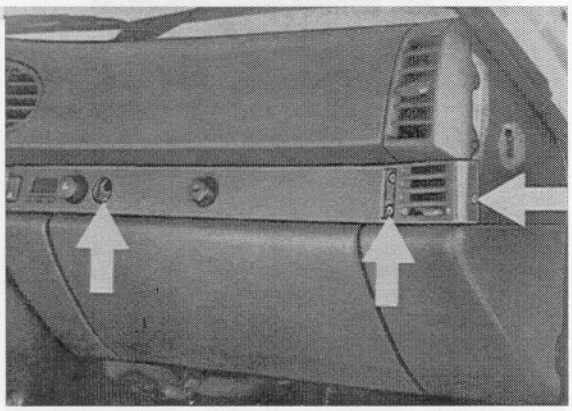
6. Loosen trim on right side of instrument panel and remove cover of mounting screws.



7. Turn escutcheon of inside sensor blower anticlockwise to disengage with a suitable item (e.g. coin).



8. Unscrew mounting screws on right side of plate and take off plate.



REMOVING AND INSTALLING LOCK CYLINDER '85/2 MODELS ONWARD

1. Remove steering wheel (see page 48 - 17)

Note:

See Repair Group 68 for assembly work on cars fitted with airbags.

2. Remove steering-column switch trim.

3. Remove steering-column switch.

4. Disconnect plug from ignition/starter switch.

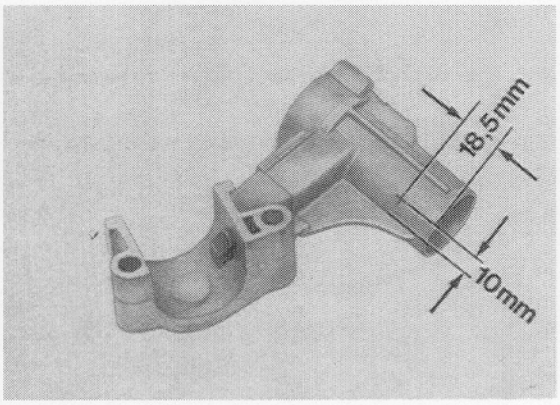
5. Drill out shear-head bolts in steering-lock housing.

6. Remove steering-lock housing.

7. Remove stud bolt from steering-lock housing.

Tightening torque: 0.25 Nm (0.18 ftlb)

8. Drill holes in steering-lock housing with 3 mm drill as shown.



9. With the aid of a thumbtack or similar disengage lock cylinder and withdraw.

Note:

The lock cylinder engages automatically when it is pushed into the housing.

HEADLIGHT BEAM ADJUSTMENT,
'88 MODELS ONWARD

The principle components of the system are the switch (potentiometer) and two actuators, one for each headlight, mounted on the headlight frames.

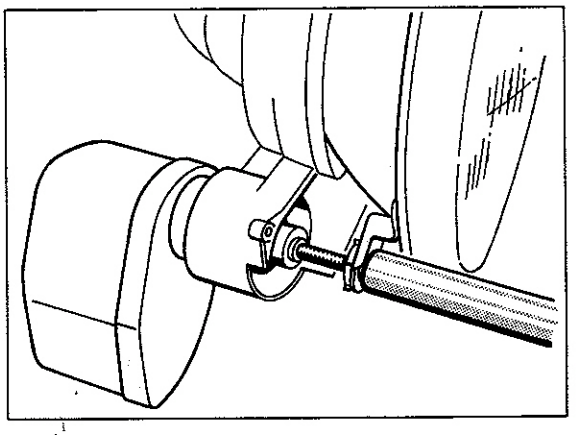
REMOVING AND INSTALLING ACTUATORS

1. Disconnect cable plug from actuator.

2. Unplug cable connector from headlight.

3. Remove headlight.

4. Disengage the actuator from the headlight frame with Special Tool 9287. Squeeze the detent lugs together by pushing Special Tool 9287 over the plastic part.



5. Turn actuator anticlockwise through approx. 60° and remove.

CHECKING HEADLIGHT BEAM ADJUSTMENT

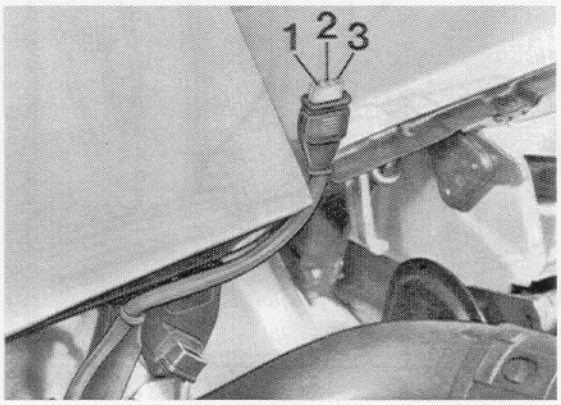
1. Disconnect both plugs from actuators.

2. Switch on lights.

3. With a voltmeter, measure voltage between ter. 1 (+) and ter. 3 (-).

Reading: battery voltage

If no voltage is applied, check fuse 37 (944) or fuse 7 (924 S).



Note:

The battery-voltage reading taken in this test must be between 11 V and 13 V. If necessary, recharge battery.

4. Connect voltmeter to ter. 1 (+) and ter. 2 (-).

Reading:

Switch in position 0: approx. 0 V

Switch in position 1: 2.0 - 2.7 V

Switch in position 2: 2.6 - 3.4 V

AIMING MAIN HEADLIGHTS WITH HEADLIGHT BEAM ADJUSTMENT

The main headlights are aimed with the switch in position 0.

1. Switch on lights

2. Use a headlight aiming device to adjust headlights with car ready for the road: fuel tank full, driver's seat occupied by 1 person or a weight of 75 kg. The tire pressures must be as specified.

In position 0, beams lowered by:

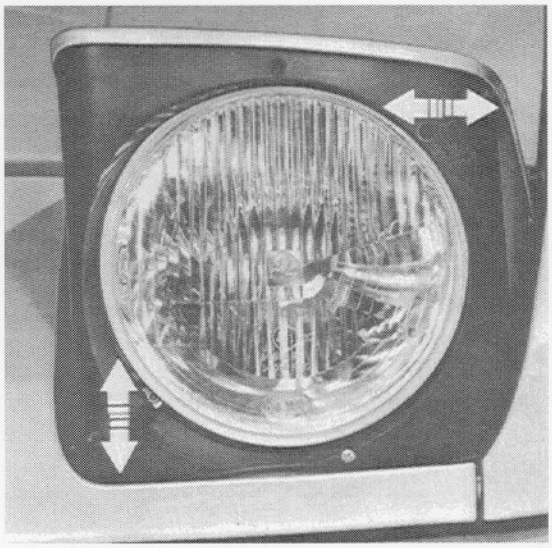
10 cm in 10 m

In position 1, beams lowered by:

22 cm ± 1 cm in 10 m

In position 2, beams lowered by:

25 cm ± 1 cm in 10 m



Position of switch for headlight beam adjustment with reference to vehicle load.

Position 0

1 - 2 occupants without luggage

Position 1

3 - 4 occupants without luggage

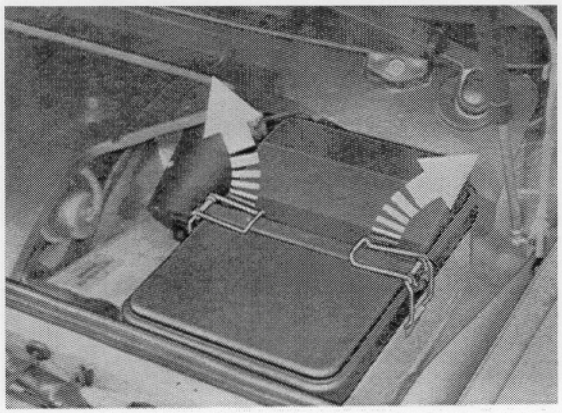
Position 2

1 - 4 occupants with luggage

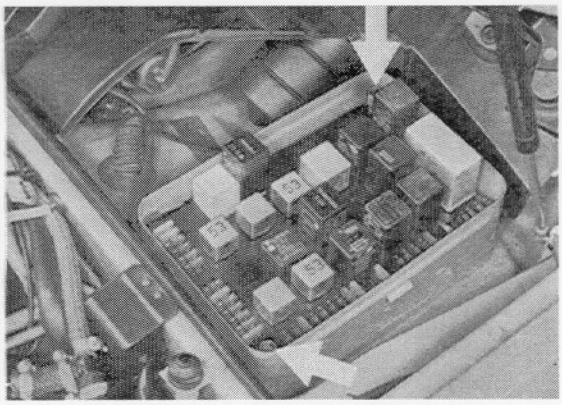
REMOVING AND INSTALLING CENTRAL ELECTRIC SINCE 1985/2 MODELS

1. Disconnect battery.

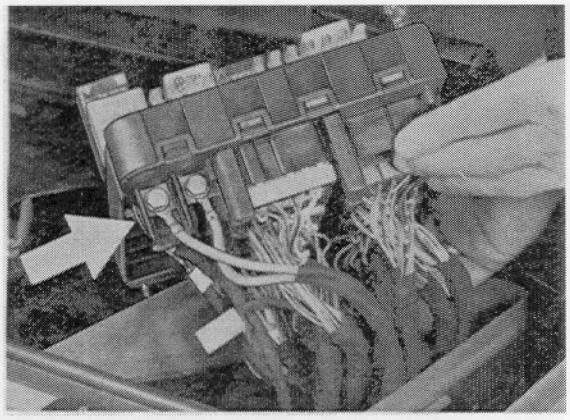
2. Take off central electric cover.



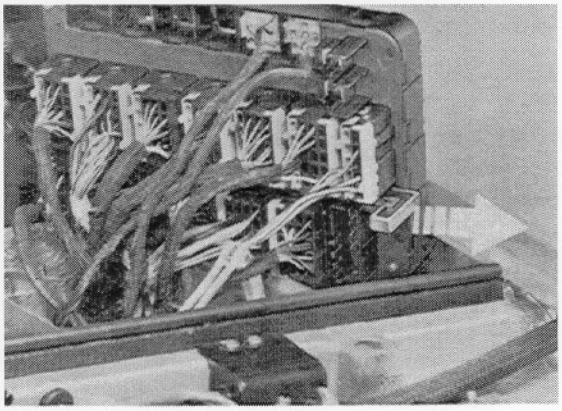
3. Unscrew mounting screws of central electric board.



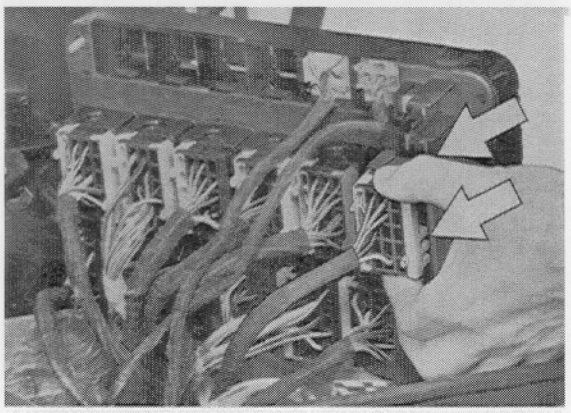
4. Remove central electric from above and unscrew power supply.



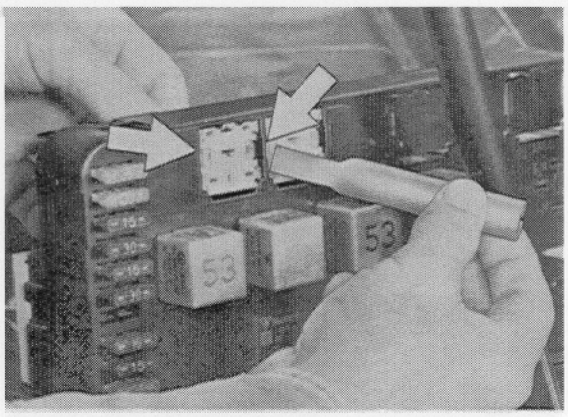
5. Pull out (unlock) the central locking rail.



6. Pull off multiple-pin plug, but do not pull on wires. Plug receptacles are marked with letters. There are also coding grooves on the sides of plug receptacles so that wrong connections are excluded.



7. Unlock the additional relay socket by pressing in a narrow spatula (about 10 to 12 mm wide) or similar tool from the side up to the catch.



CENTRAL ELECTRICS UNIT, ASSIGNMENT

The assignment data for the central electrics unit with additional plug-on relays are stated incorrectly in the 944, 944 turbo, 944 S wiring diagram, '87 models, sheet 10, page 97 - 117. The correct assignments are:

G 17 - Air conditioner relay

G 18 - Unoccupied

G 19 - Unoccupied

G 20 - ABS relay

G 21 - Tilting-roof relay

G 22 - Turbocharger pump relay

MODIFYING WIRE HARNESS

When replacing the passenger-compartment wire harness in '85/2 models up to vehicle identification numbers.

94 FN 40 1638 - 944 R.O.W.

94 FN 45 1912 - 944 USA,

95 FN 10 0122 - 944 turbo R.O.W.

95 FN 15 0106 - 944 turbo USA

the harness must be modified prior to installation as follows:

1. Disconnect red/green 1.5 mm² wire from plug L 4.1 and insert in K 3.2.

2. Remove bridge between F 3.4 and K 2.5 (yellow/red wire 1.0 mm²).

3. Disconnect yellow/blue 1.0 mm² wire from plug F 3.3 and insert in K 2.5.

4. Disconnect red 1.5 mm² wire from plug L 4.2 and insert in K 3.1.

5. Disconnect green 0.5 mm² wire from plug F 1.4 and insert in B 1.1.

6. Disconnect red/green 1.0 mm² wire from plug J 2.4 and insert in F 1.4.

Similarly, replacement nose-section wire harnesses must also be modified as follows:

1. Disconnect red/green 1.0 mm² wire from plug H 2.3.

2. Disconnect black/yellow 1.0 mm² wire from plug E 4.4.

3. Insert red/green wire in plug E 4.4.

4. Insert black/yellow wire in plug H.2.3

Supplementary electrical equipment

Important

Supplementary electrical equipment may only be connected using the possible connections described below.

Term. 30, not fused:

1. Screw connections on line to central electrical system

2. Plug A 11

Term. X, not fused:
Plug A 14

Term. 15, not fused:
Plug A 22

Term. 31:

1. Plug A 23

2. Grounding point II

3. Grounding point III

Fusing

Important

Supplementary electrical equipment must be fused if the above connection points are used.

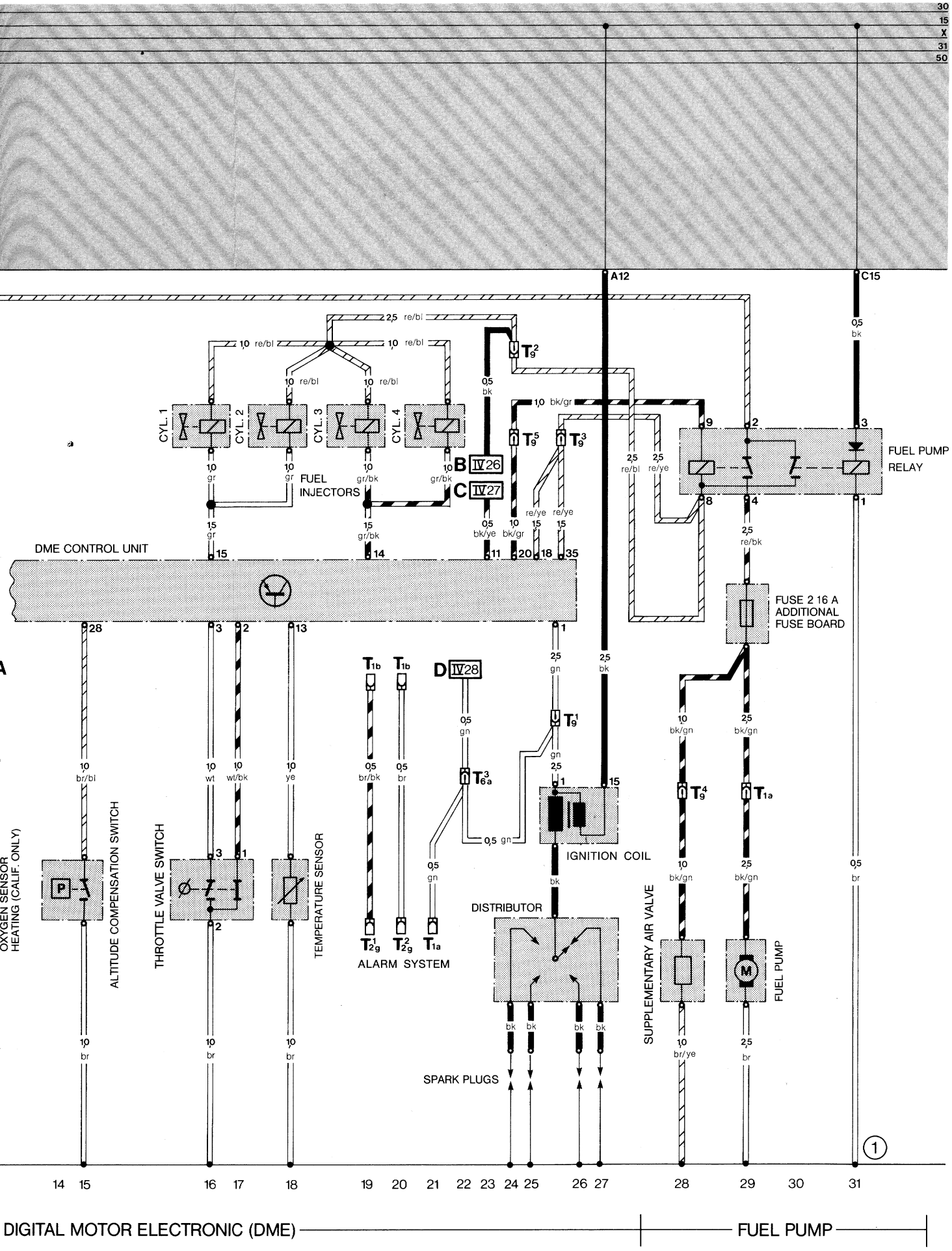
1. Fuse 35: Ingoing plug F 23
   Outgoing plug D 21 und E 21

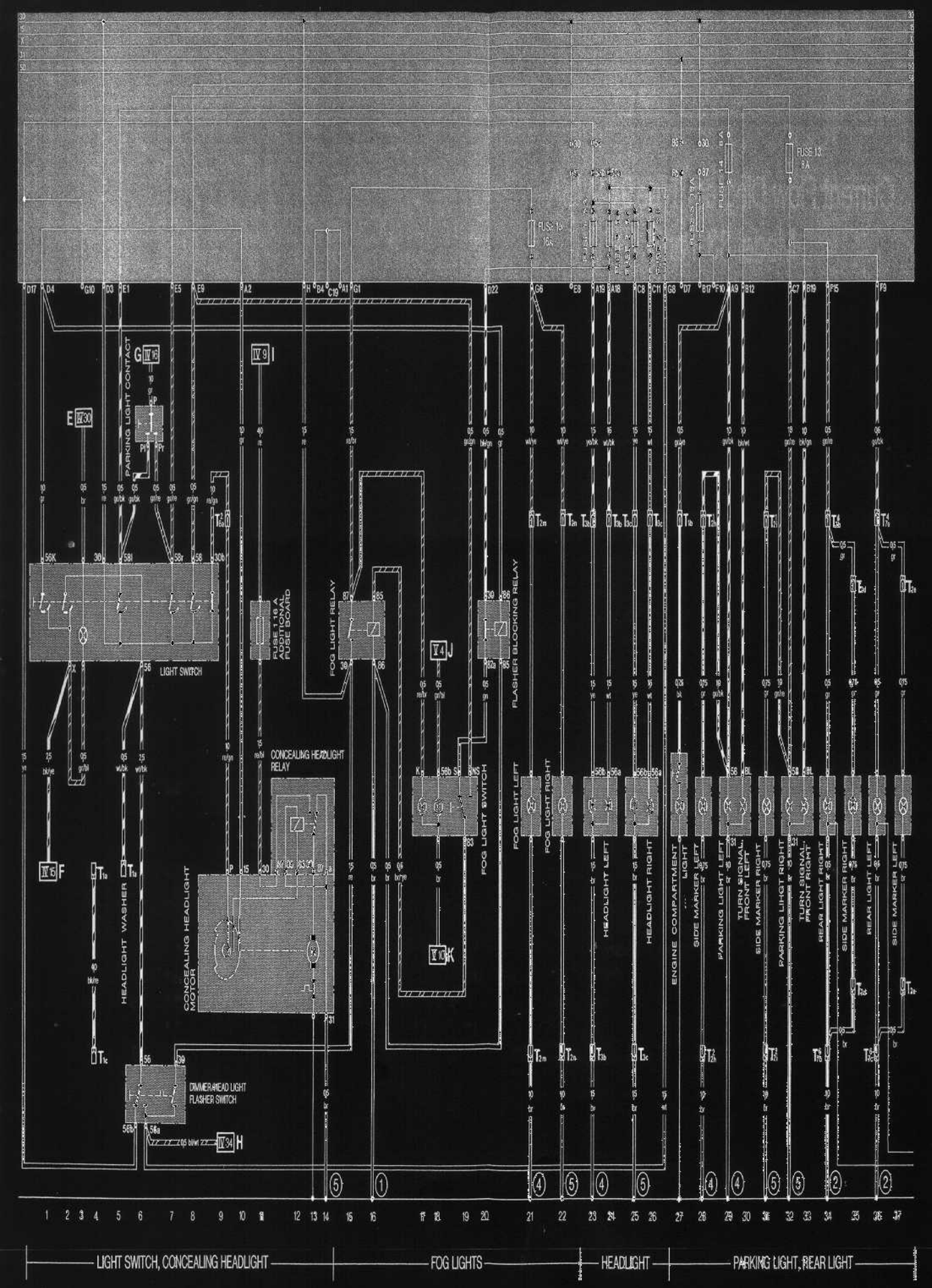
2. Separate fuses

Printed in Germany – XXII, 1990

Current Flow Diagram Type 944 USA Model 83

PART I	POWER SUPPLY, STARTER DIGITAL MOTOR ELECTRONIC (DME) FUEL PUMP
PART II	LIGHT SWITCH, CONCEALING HEADLIGHT FOG LIGHTS HEADLIGHT PARKING LIGHT, REAR LIGHT
PART III	BRAKE LIGHT EMERGENCY FLASHER TURN SIGNAL, BACK-UP LIGHT HORN INTERIOR LIGHT
PART IV	REAR WINDOW DEFOGGER, IGNITION/STARTER SWITCH, SEAT BELTS INSTRUMENT CLUSTER
PART V	INSTRUMENTS CENTER CONSOLE WIND SHIELD WIPER
PART VI	FRESH AIR BLOWER COOLING FAN


30
15
X
31
50
A12
C15
CYL. 1
CYL. 2
CYL. 3
CYL. 4
FUEL INJECTORS
B IV26
C IV27
FUEL PUMP RELAY
DME CONTROL UNIT
FUSE 2 16 A ADDITIONAL FUSE BOARD
D IV28
IGNITION COIL
DISTRIBUTOR
SPARK PLUGS
OXYGEN SENSOR HEATING (CALIF. ONLY)
ALTITUDE COMPENSATION SWITCH
THROTTLE VALVE SWITCH
TEMPERATURE SENSOR
ALARM SYSTEM
SUPPLEMENTARY AIR VALVE
FUEL PUMP
DIGITAL MOTOR ELECTRONIC (DME)
FUEL PUMP


PARKING LIGHT CONTACT
LIGHT SWITCH
FUSE 1.16 A ADDITIONAL FUSE BOARD
FOG LIGHT RELAY
FLASHER BLOCKING RELAY
CONCEALING HEADLIGHT RELAY
FOG LIGHT SWITCH
FOG LIGHT LEFT
FOG LIGHT RIGHT
HEADLIGHT WASHER
CONCEALING HEADLIGHT MOTOR
DIMMER/HEAD LIGHT FLASHER SWITCH
HEADLIGHT LEFT
HEADLIGHT RIGHT
ENGINE COMPARTMENT LIGHT
SIDE MARKER LEFT
PARKING LIGHT LEFT
TURN SIGNAL, FRONT LEFT
SIDE MARKER RIGHT
PARKING LIHGT RIGHT
TURN SIGNAL, FRONT RIGHT
REAR LIGHT RIGHT
REAR LIGHT LEFT
FUSE 13 8A
FUSE 14 8A
FUSE 19 16A
LIGHT SWITCH, CONCEALING HEADLIGHT
FOG LIGHTS
HEADLIGHT
PARKING LIGHT, REAR LIGHT

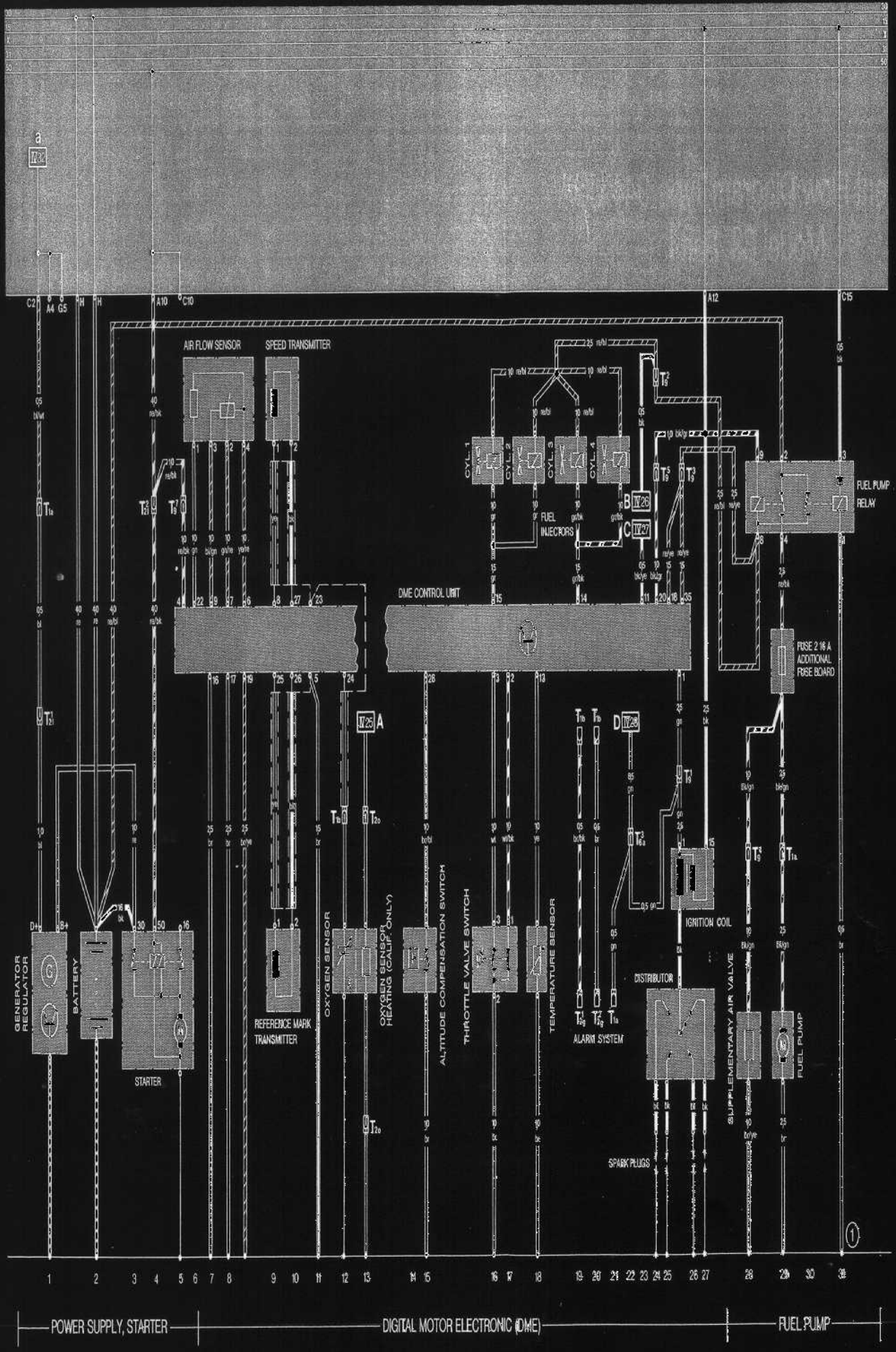
Current Flow Diagram Type 944 USA Model 83 Part II

LIGHT SWITCH, CONCEALING HEADLIGHT

FOG LIGHTS

HEADLIGHT

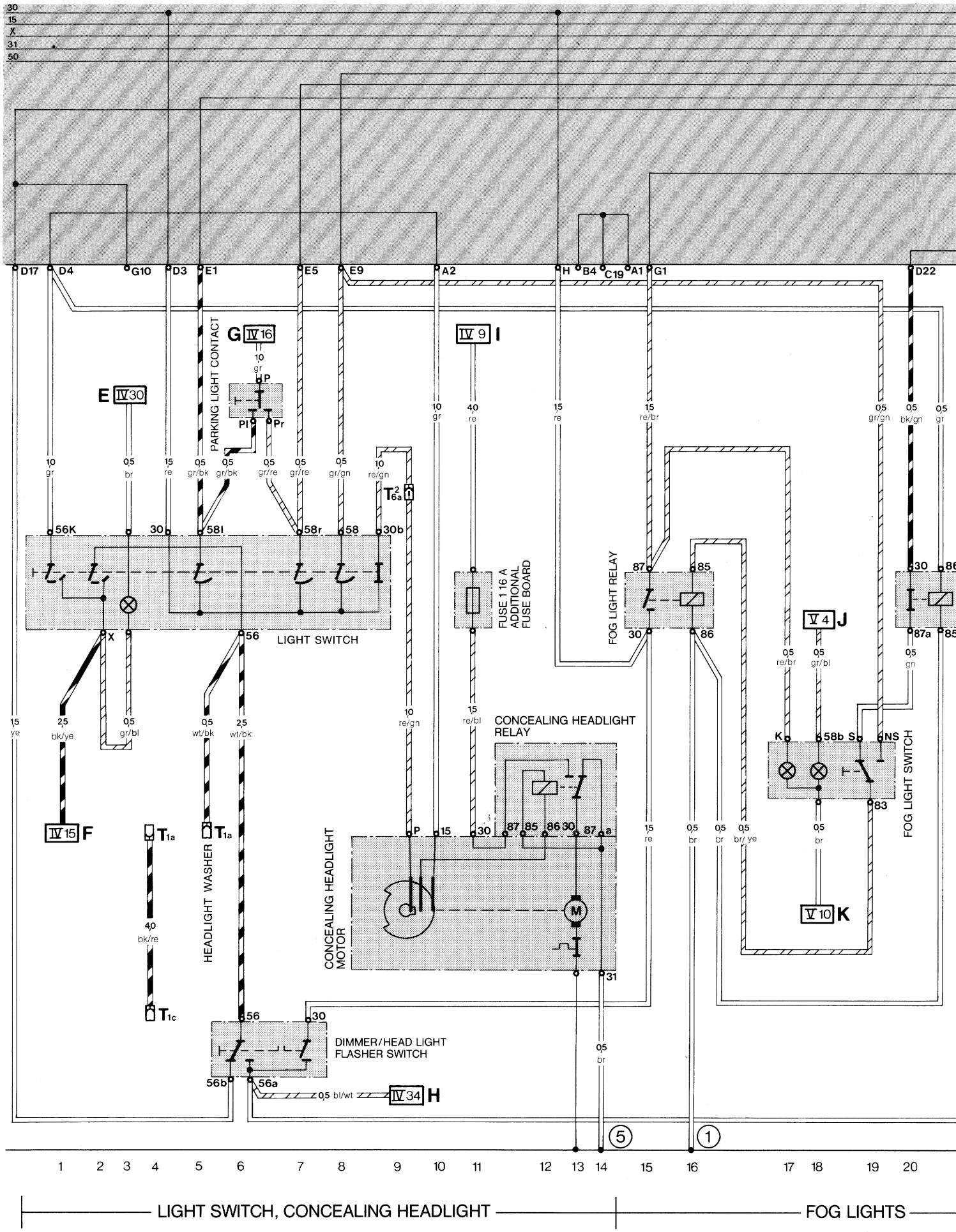
PARKING LIGHT, REAR LIGHT


AIR FLOW SENSOR
SPEED TRANSMITTER
CYL. 1
CYL. 2
CYL. 3
CYL. 4
FUEL INJECTORS
FUEL PUMP RELAY
DME CONTROL UNIT
FUSE 2 16 A ADDITIONAL FUSE BOARD
IGNITION COIL
DISTRIBUTOR
SPARK PLUGS
SUPPLEMENTARY AIR VALVE
FUEL PUMP
ALARM SYSTEM
TEMPERATURE SENSOR
THROTTLE VALVE SWITCH
ALTITUDE COMPENSATION SWITCH
OXYGEN SENSOR
OXYGEN SENSOR HEATING (CALIF. ONLY)
REFERENCE MARK TRANSMITTER
GENERATOR REGULATOR
BATTERY
STARTER
POWER SUPPLY, STARTER
DIGITAL MOTOR ELECTRONIC (DME)
FUEL PUMP

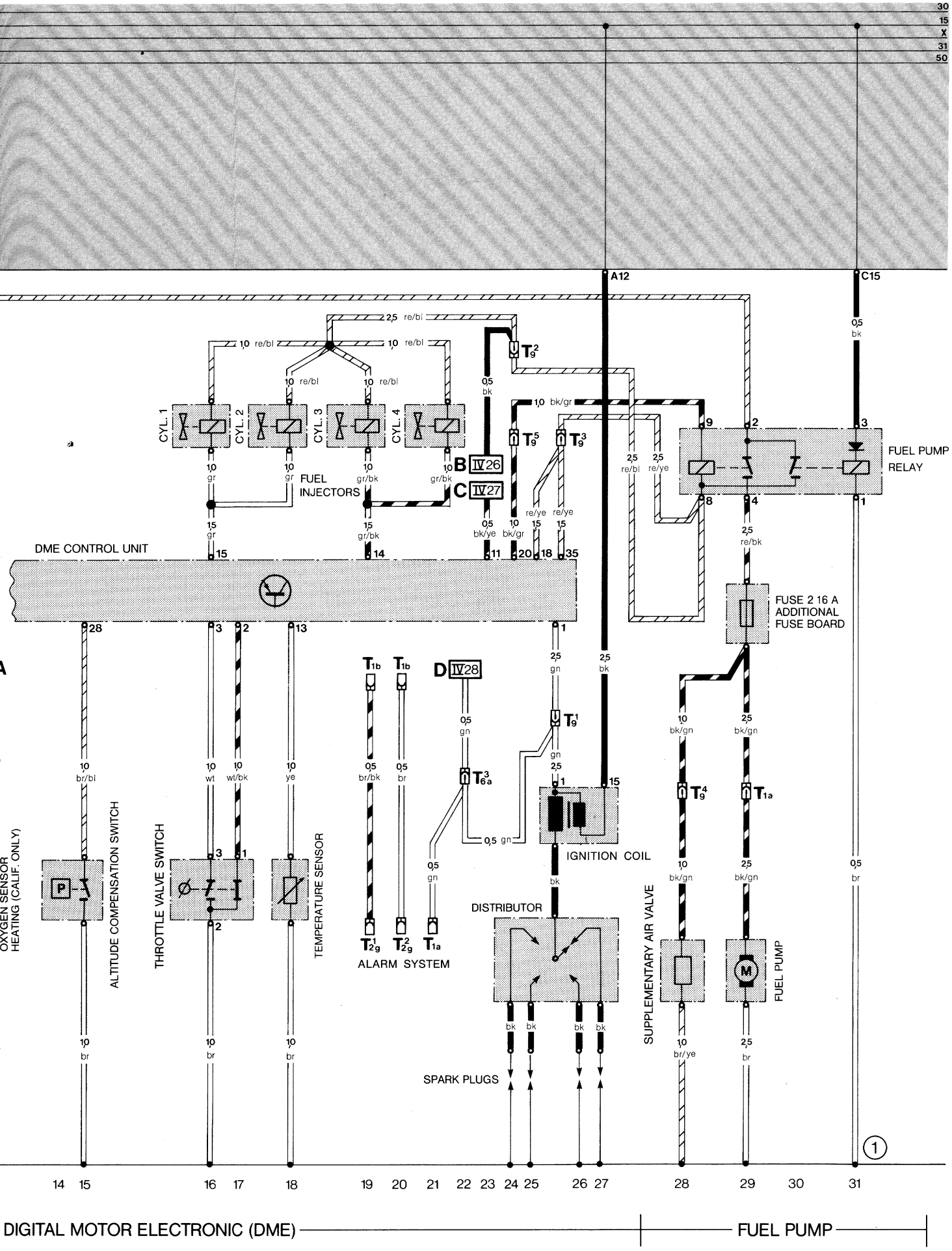
Current Flow Diagram Type 944 USA Model 83 Part I

POWER SUPPLY, STARTER
DIGITAL MOTOR ELECTRONIC (DME)
FUEL PUMP

Current Flow Diagram Type 944 USA Model 83 Par



Printed in Germany-1982


30
15
X
31
50
A12
C15
CYL. 1
CYL. 2
CYL. 3
CYL. 4
FUEL INJECTORS
B IV26
C IV27
FUEL PUMP RELAY
DME CONTROL UNIT
FUSE 2 16 A ADDITIONAL FUSE BOARD
D IV28
IGNITION COIL
DISTRIBUTOR
SPARK PLUGS
OXYGEN SENSOR HEATING (CALIF. ONLY)
ALTITUDE COMPENSATION SWITCH
THROTTLE VALVE SWITCH
TEMPERATURE SENSOR
ALARM SYSTEM
SUPPLEMENTARY AIR VALVE
FUEL PUMP
DIGITAL MOTOR ELECTRONIC (DME)
FUEL PUMP

Current Flow Diagram Type 944 USA Model 83 Part II

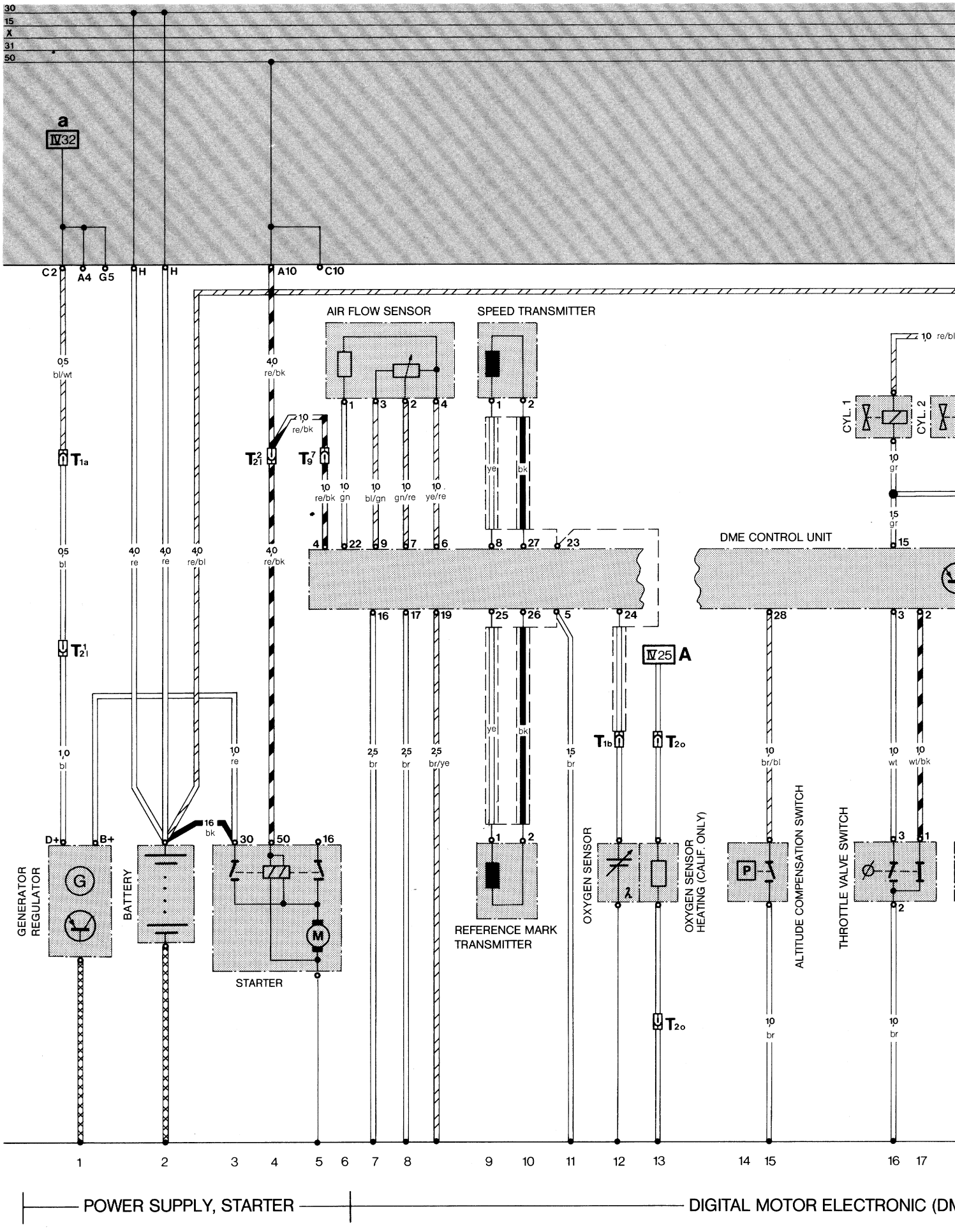
LIGHT SWITCH, CONCEALING HEADLIGHT

FOG LIGHTS

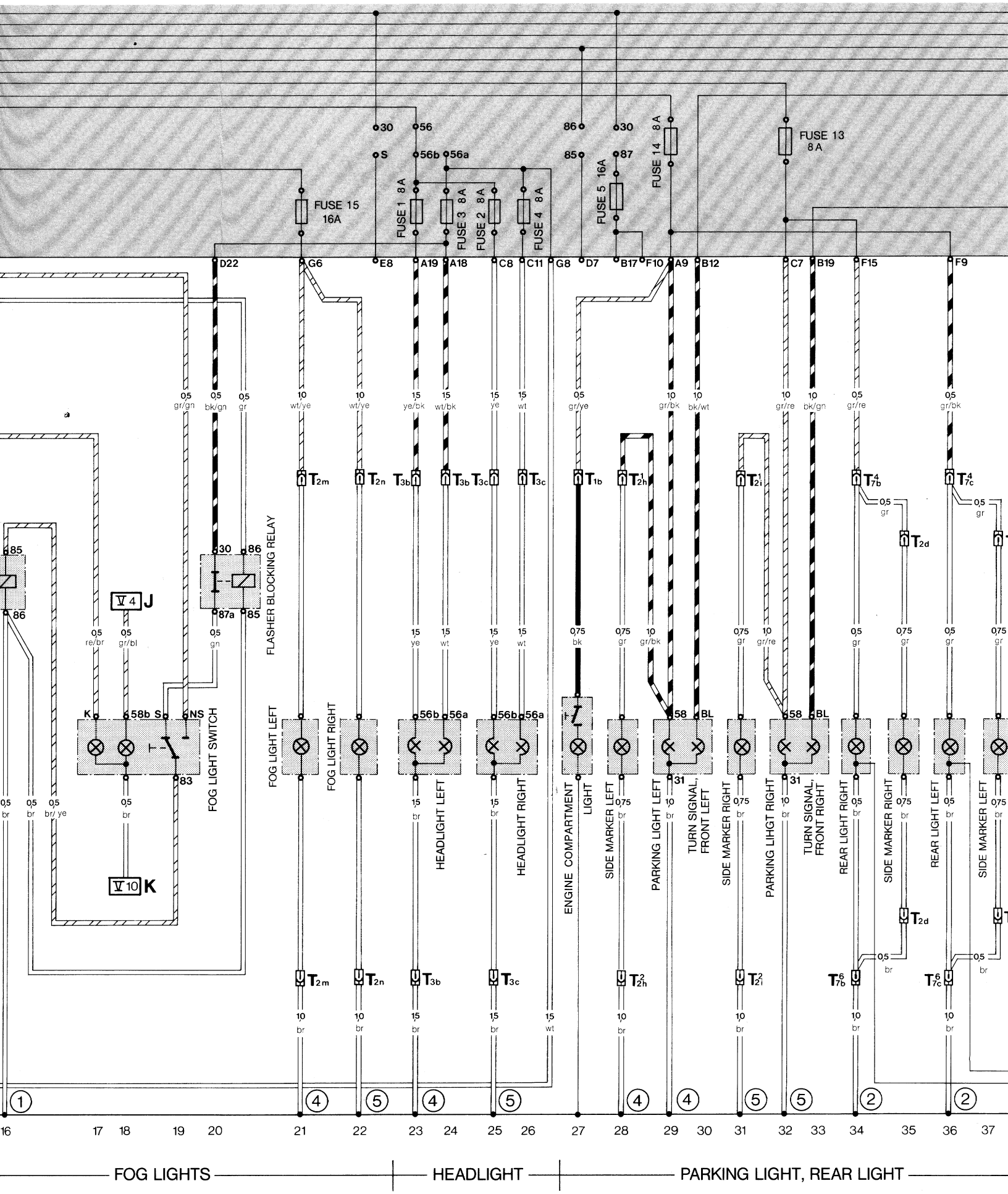
HEADLIGHT

PARKING LIGHT, REAR LIGHT

Current Flow Diagram Type 944 USA Model 83 Pa



Printed in Germany - 1982


FUSE 15 16A
FUSE 1 8A
FUSE 3 8A
FUSE 2 8A
FUSE 4 8A
FUSE 5 16A
FUSE 14 8A
FUSE 13 8A
FLASHER BLOCKING RELAY
FOG LIGHT SWITCH
FOG LIGHT LEFT
FOG LIGHT RIGHT
HEADLIGHT LEFT
HEADLIGHT RIGHT
ENGINE COMPARTMENT LIGHT
SIDE MARKER LEFT
PARKING LIGHT LEFT
TURN SIGNAL, FRONT LEFT
SIDE MARKER RIGHT
PARKING LIHGT RIGHT
TURN SIGNAL, FRONT RIGHT
REAR LIGHT RIGHT
SIDE MARKER RIGHT
REAR LIGHT LEFT
SIDE MARKER LEFT
FOG LIGHTS
HEADLIGHT
PARKING LIGHT, REAR LIGHT

Current Flow Diagram Type 944 USA Model 83 Part III

BRAKE LIGHT

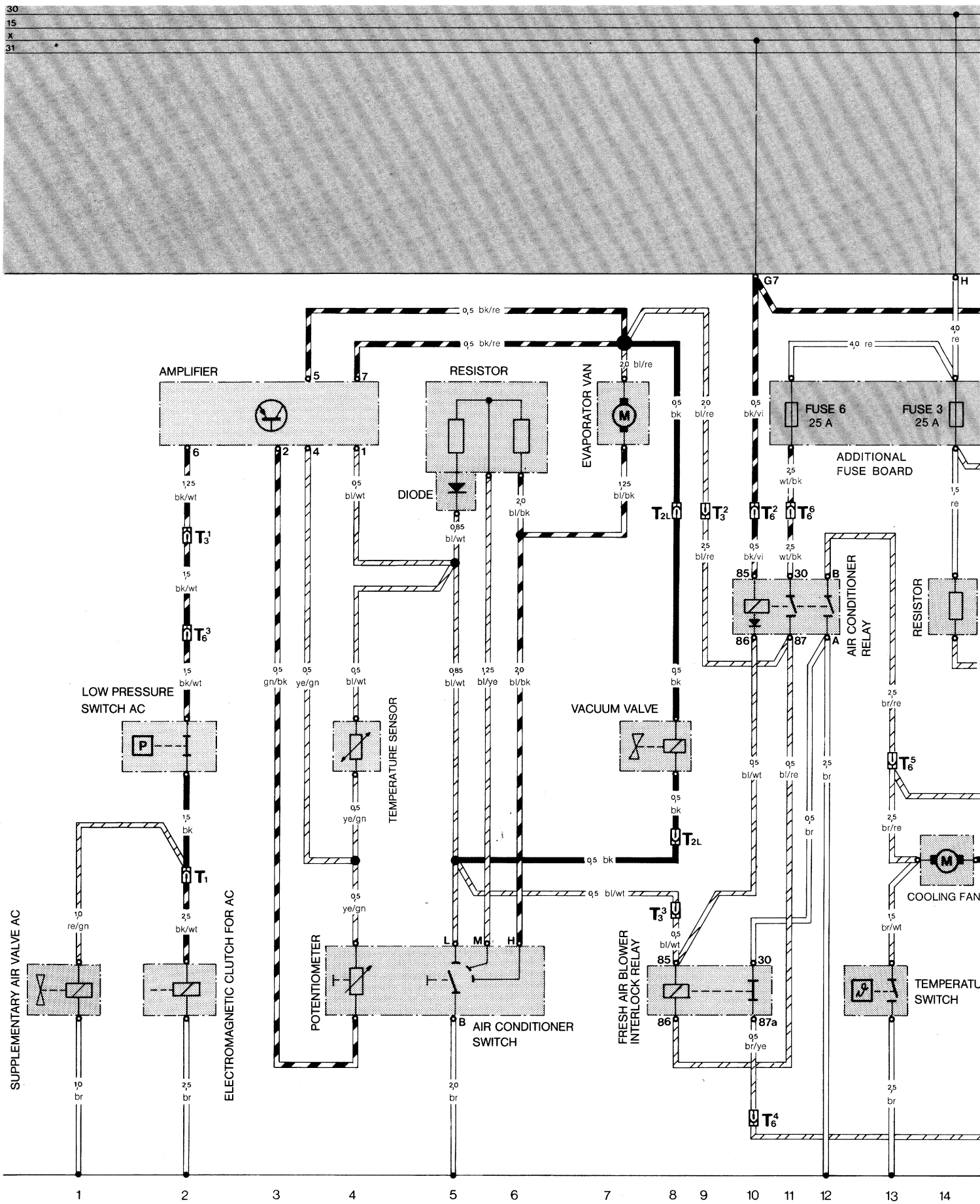
EMERGENCY FLASHER

TURN SIGNAL, BACK-UP LIGHT

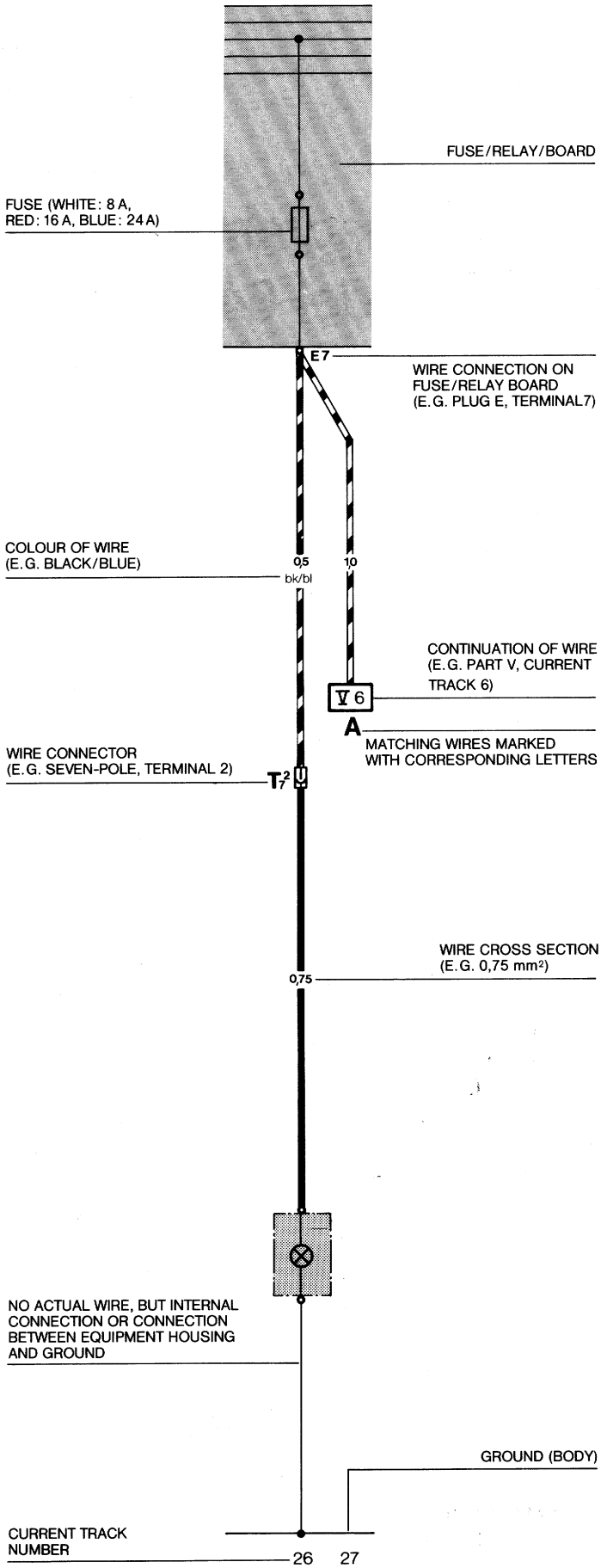
HORN

INTERIOR LIGHT

Additional Current Flow Diagram Type 944 USA A



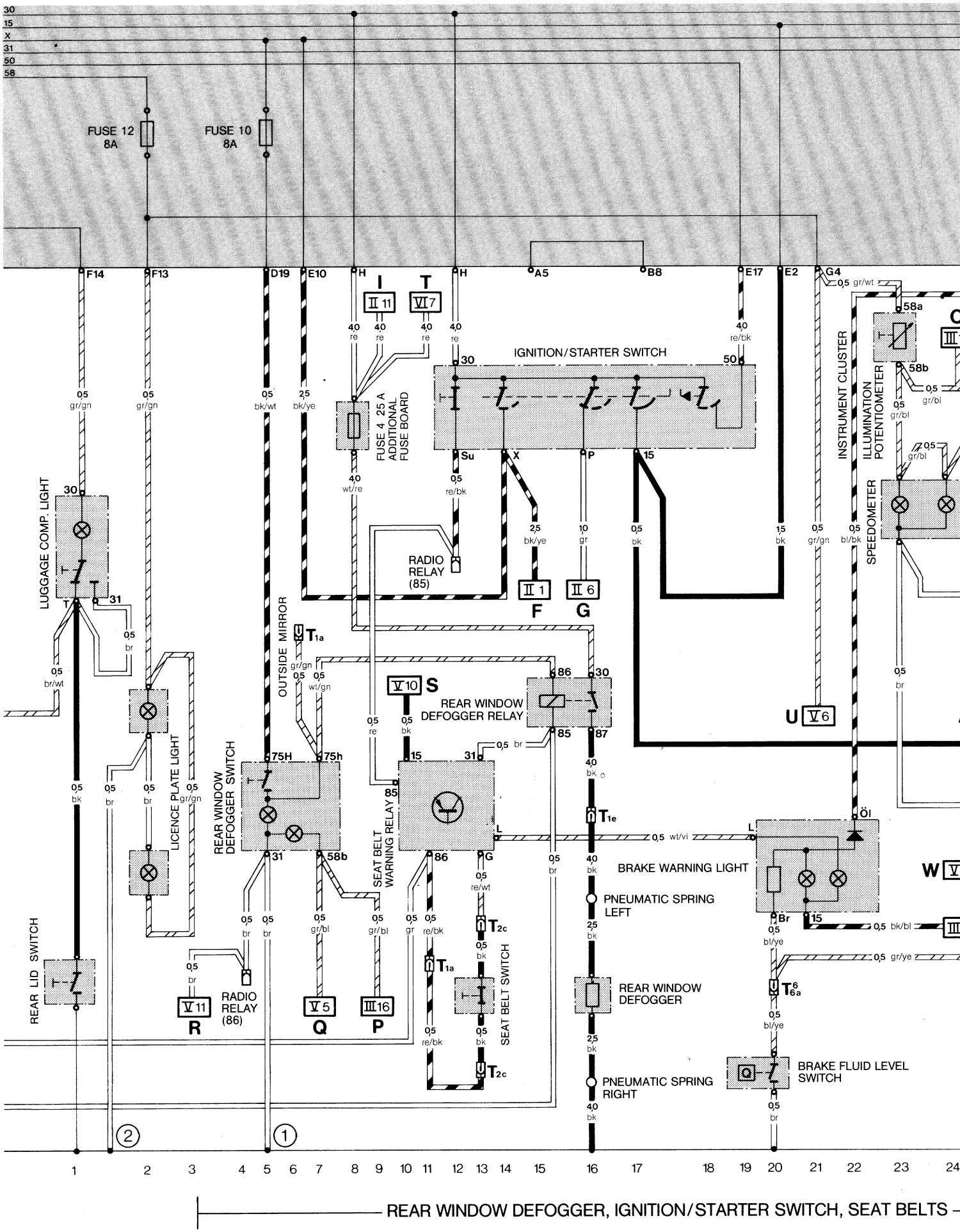
Printed in Germany - 1982


FUSE/RELAY/BOARD
FUSE (WHITE: 8 A,
RED: 16 A, BLUE: 24 A)
E7
WIRE CONNECTION ON
FUSE/RELAY BOARD
(E.G. PLUG E, TERMINAL7)
COLOUR OF WIRE
(E.G. BLACK/BLUE)
0,5
bk/bl
1,0
CONTINUATION OF WIRE
(E.G. PART V, CURRENT
TRACK 6)
V 6
A
MATCHING WIRES MARKED
WITH CORRESPONDING LETTERS
WIRE CONNECTOR
(E.G. SEVEN-POLE, TERMINAL 2)
T7 2
WIRE CROSS SECTION
(E.G. 0,75 mm²)
0,75
NO ACTUAL WIRE, BUT INTERNAL
CONNECTION OR CONNECTION
BETWEEN EQUIPMENT HOUSING
AND GROUND
GROUND (BODY)
CURRENT TRACK
NUMBER
26
27

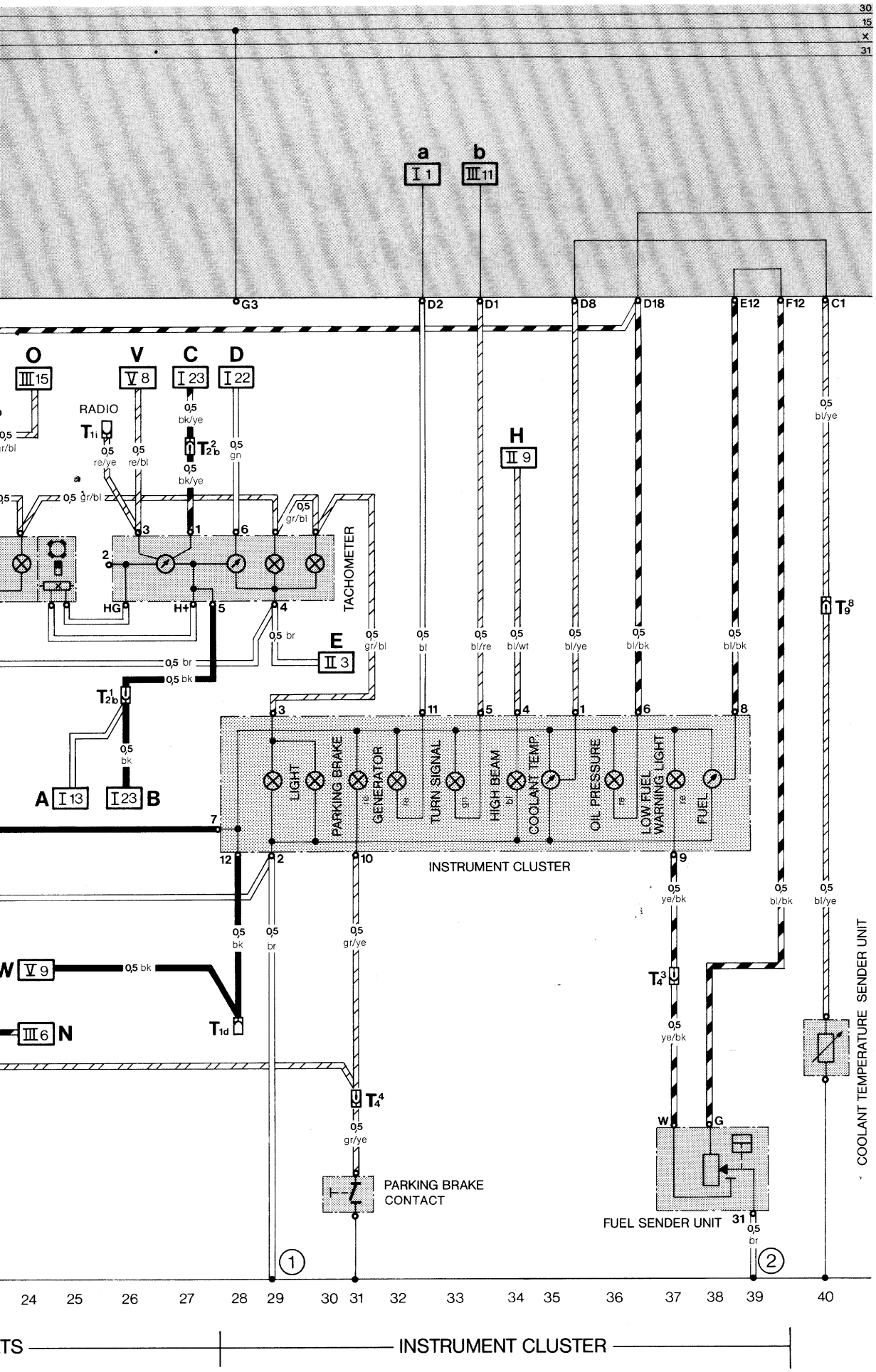
Current Flow Diagram Type 944 USA Model 83 Part IV

REAR WINDOW DEFOGGER,
IGNITION/STARTER SWITCH, SEAT BELTS
INSTRUMENT CLUSTER

Current Flow Diagram Type 944 USA Model 83 Par



Printed in Germany-1982

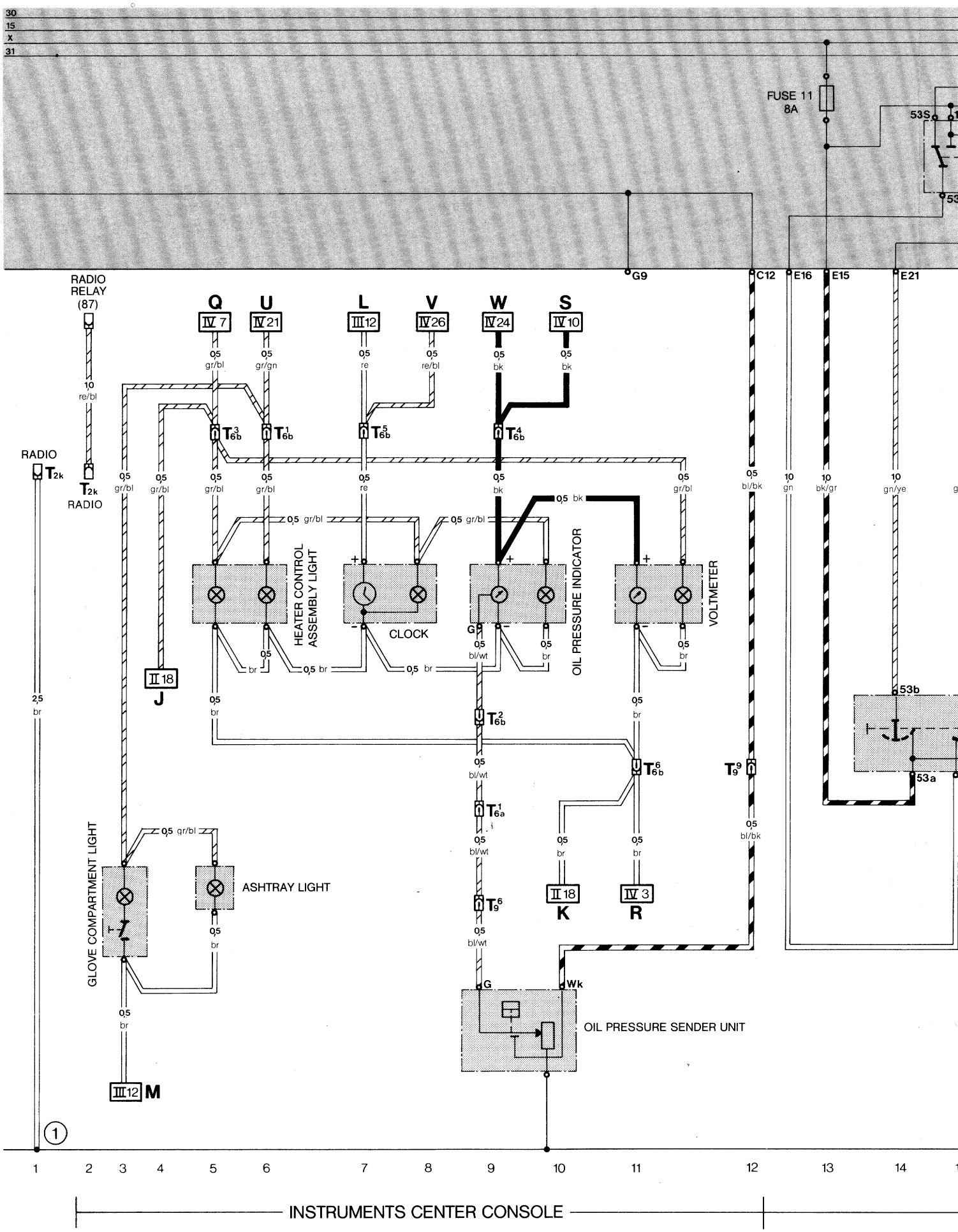

30
15
x
31
a
I 1
b
III 11
G3
D2
D1
D8
D18
E12
F12
C1
O
III 15
V
V 8
C
I 23
D
I 22
RADIO
T1i
0,5 re/ye
0,5 re/bl
0,5 bk/ye
T2b2
0,5 gn
0,5 bk/ye
0,5 gr/bl
0,5 gr/bl
H
II 9
0,5 bl/ye
TACHOMETER
HG
H+
E
II 3
0,5 br
0,5 bk
0,5 gr/bl
0,5 bl
0,5 bl/re
0,5 bl/wt
0,5 bl/ye
0,5 bl/bk
0,5 bl/bk
T9 8
T2b1
0,5 bk
A
I 13
I 23
B
LIGHT
PARKING BRAKE
GENERATOR
TURN SIGNAL
HIGH BEAM
COOLANT TEMP.
OIL PRESSURE
LOW FUEL WARNING LIGHT
FUEL
INSTRUMENT CLUSTER
0,5 ye/bk
0,5 bl/bk
0,5 bl/ye
0,5 bk
0,5 br
0,5 gr/ye
W
V 9
0,5 bk
III 6
N
T1d
T4 3
0,5 ye/bk
COOLANT TEMPERATURE SENDER UNIT
T4 4
0,5 gr/ye
PARKING BRAKE CONTACT
W
G
FUEL SENDER UNIT
31
0,5 br
1
2
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
INSTRUMENT CLUSTER

Current Flow Diagram Type 944 USA Model 83 Part V

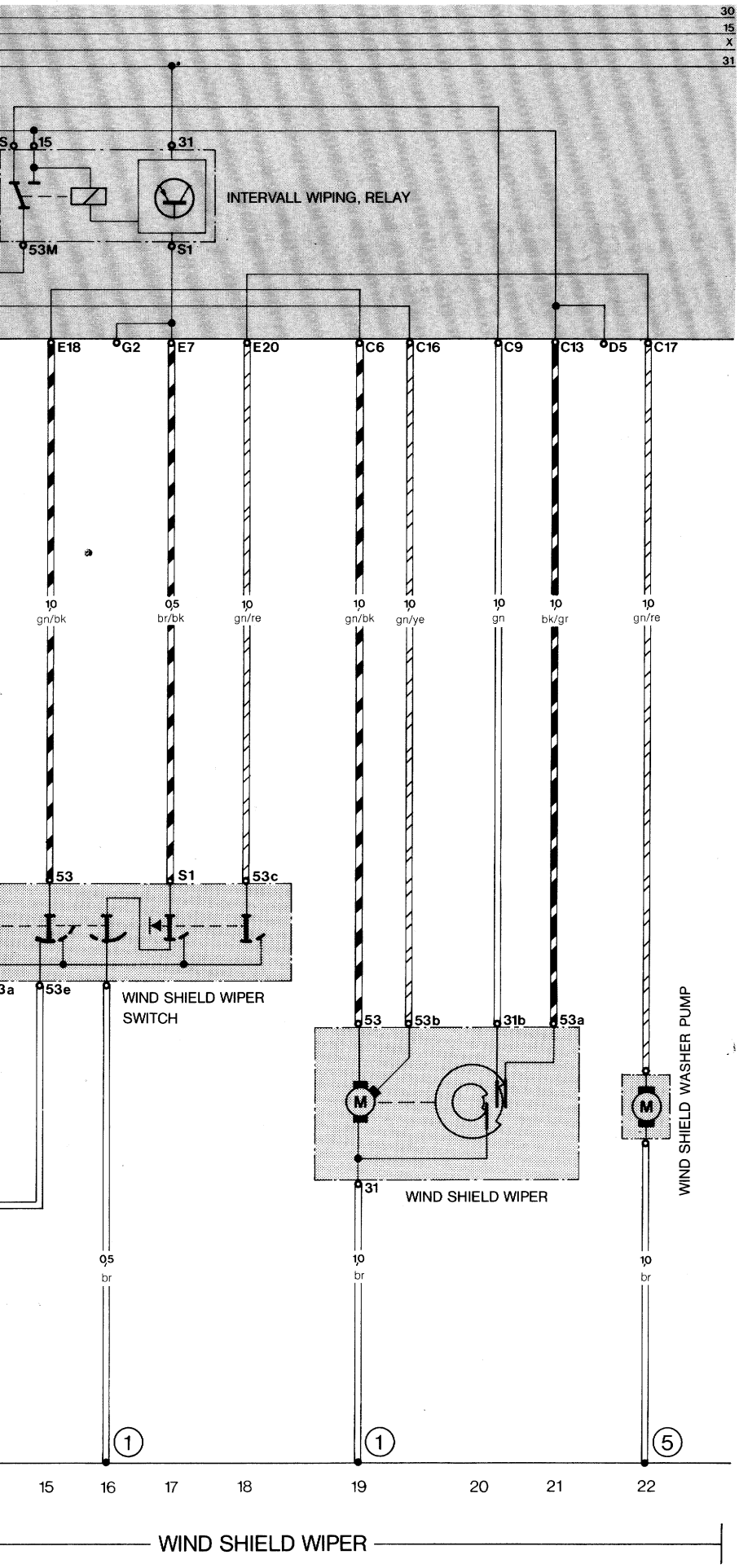
INSTRUMENTS CENTER CONSOLE

WIND SHIELD WIPER

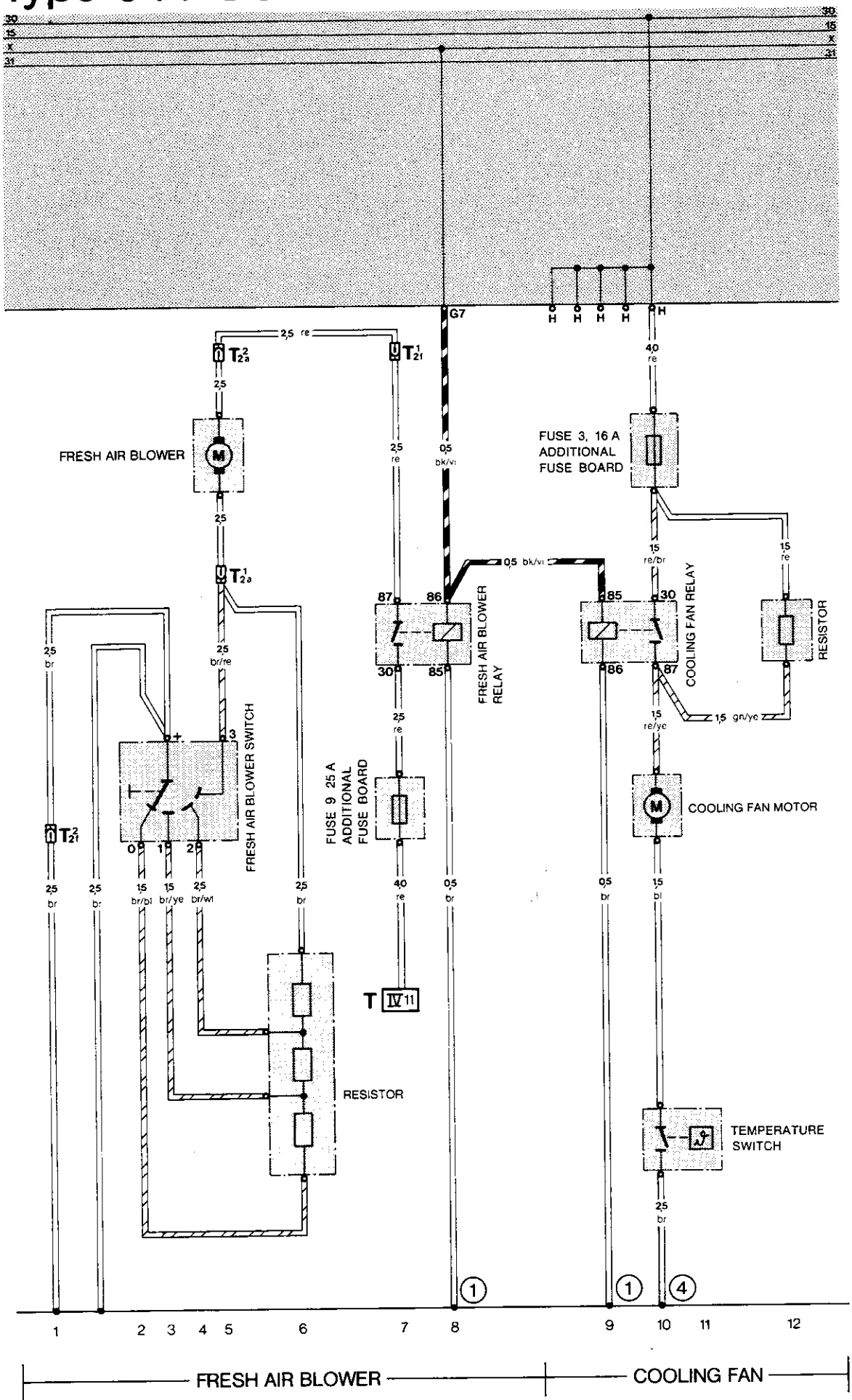
Current Flow Diagram Type 944 USA Model 83 Part



Printed in Germany-1982


30
15
X
31
15
31
INTERVALL WIPING, RELAY
53M
S1
E18
G2
E7
E20
C6
C16
C9
C13
D5
C17
1,0 gn/bk
0,5 br/bk
1,0 gn/re
1,0 gn/bk
1,0 gn/ye
1,0 gn
1,0 bk/gr
1,0 gn/re
53
S1
53c
53e
WIND SHIELD WIPER SWITCH
53
53b
31b
53a
M
31
WIND SHIELD WIPER
M
WIND SHIELD WASHER PUMP
0,5 br
1,0 br
1,0 br
1
1
5
15
16
17
18
19
20
21
22
WIND SHIELD WIPER

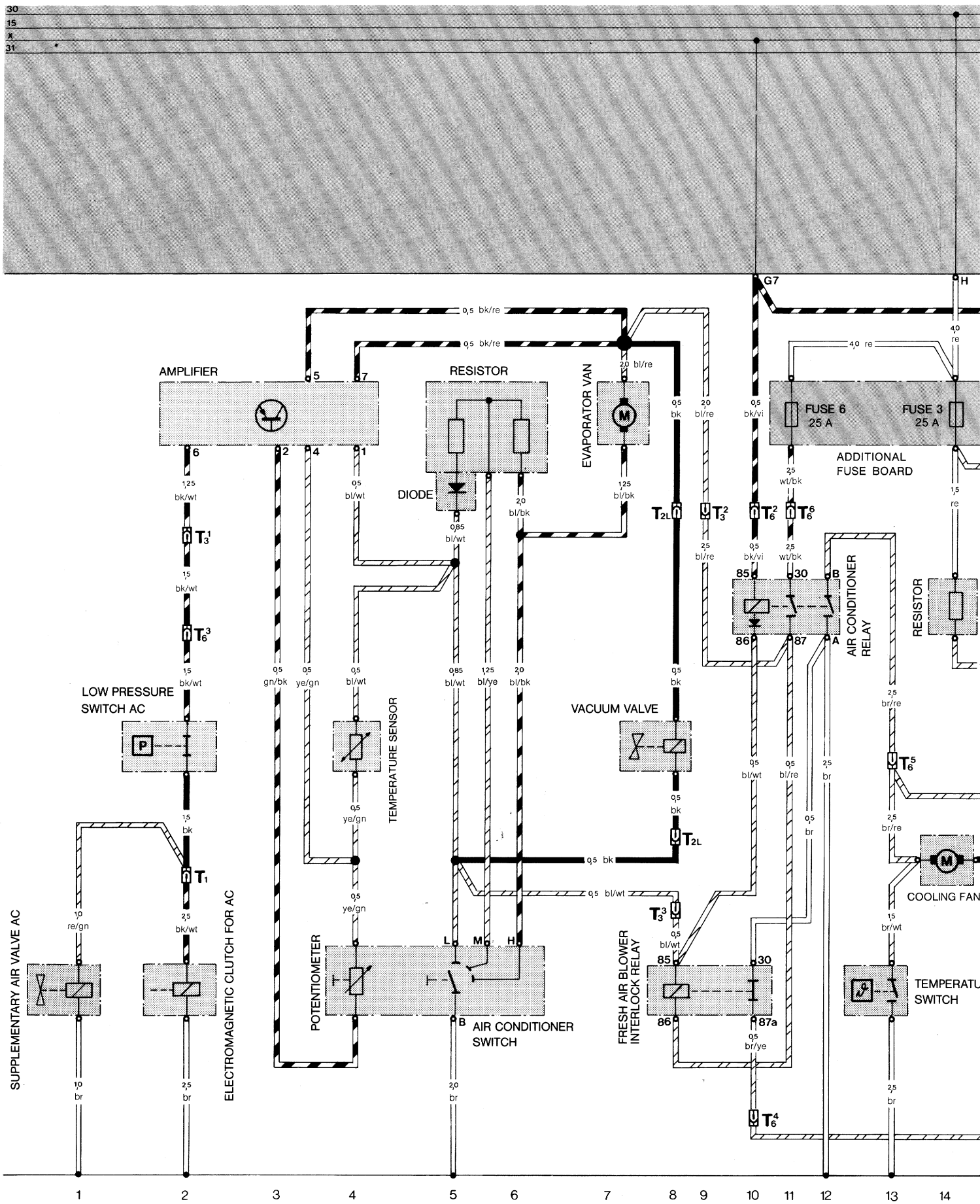
Current Flow Diagram
Type 944 USA Model 83 Part VI



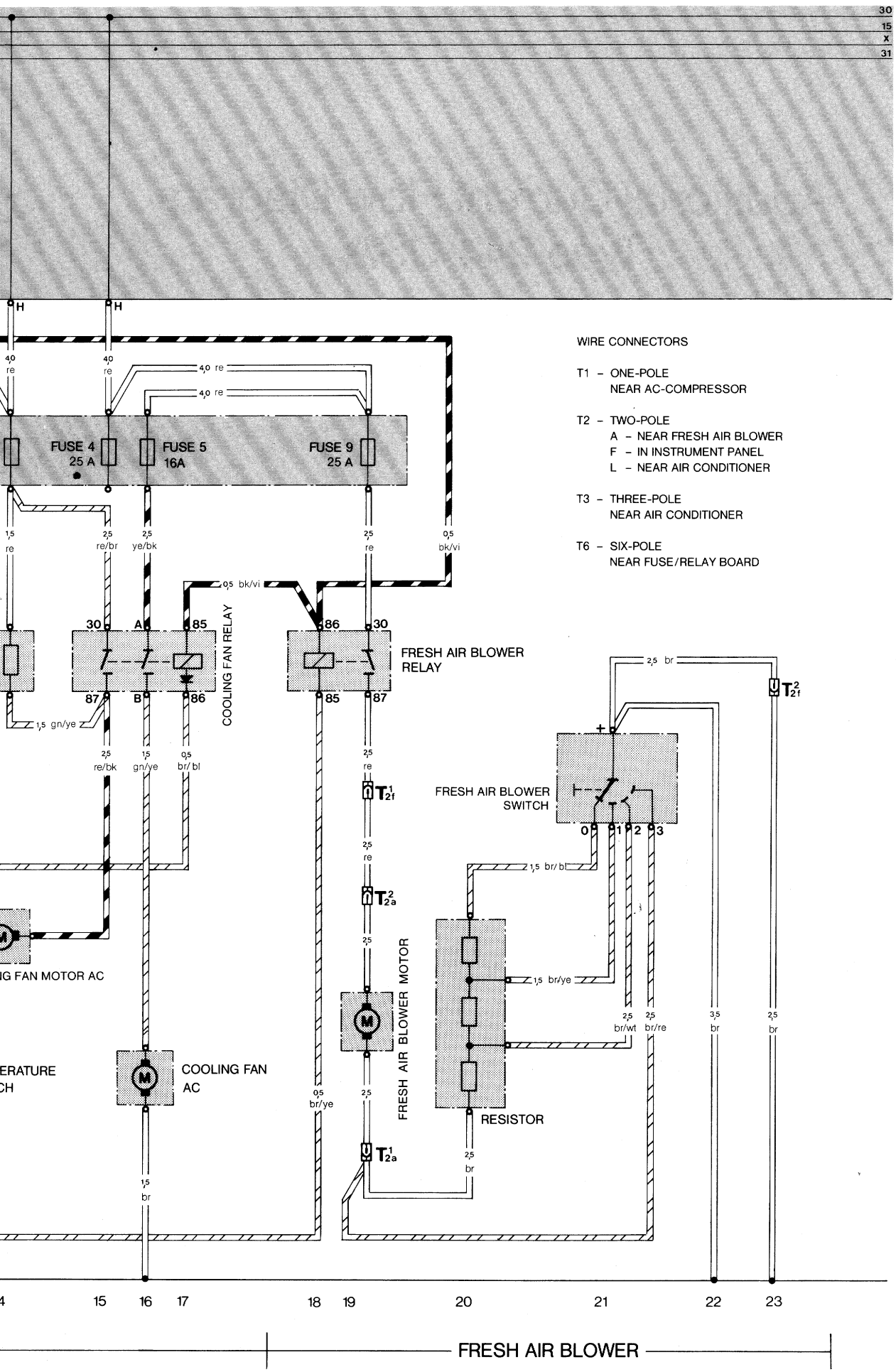
Additional Current Flow Diagram Type 944 USA

AIR CONDITIONER

Additional Current Flow Diagram Type 944 USA A



Printed in Germany - 1982



WIRE CONNECTORS

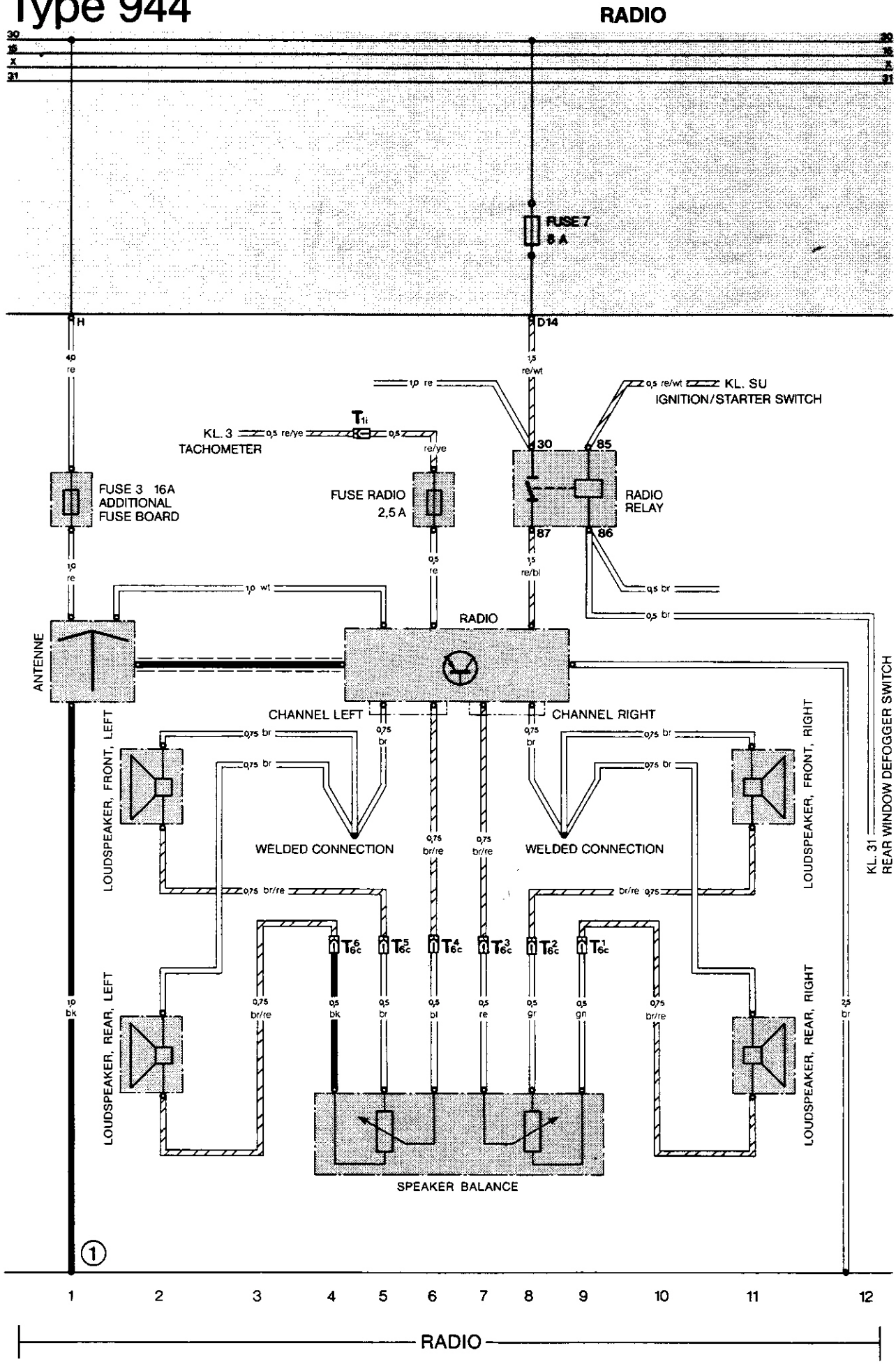
T1 – ONE-POLE
NEAR AC-COMPRESSOR

T2 – TWO-POLE
A – NEAR FRESH AIR BLOWER
F – IN INSTRUMENT PANEL
L – NEAR AIR CONDITIONER

T3 – THREE-POLE
NEAR AIR CONDITIONER

T6 – SIX-POLE
NEAR FUSE/RELAY BOARD

Additional Current Flow Diagram Type 944



Current Flow Diagram Type 944 USA Model 84

PART I	POWER SUPPLY, STARTER DIGITAL MOTOR ELECTRONIC (DME) FUEL PUMP
PART II	LIGHT SWITCH, CONCEALING HEADLIGHT FOG LIGHTS HEADLIGHT PARKING LIGHT, REAR LIGHT
PART III	BRAKE LIGHT EMERGENCY FLASHER TURN SIGNAL, BACK-UP LIGHT HORN INTERIOR LIGHT
PART IV	REAR WINDOW DEFOGGER, IGNITION/STARTER SWITCH, SEAT BELTS BRAKE MONITOR INSTRUMENT CLUSTER
PART V	INSTRUMENTS CENTER CONSOLE WIND SHIELD WIPER REAR LID UNLOCKING
PART VI	FRESH AIR BLOWER COOLING FAN

Current Flow Diagram Type 944 USA Model 84

WIRE CONNECTORS

T1 - ONE-POLE
- A - NEAR FUSE/RELAY BOARD
- B - IN ENGINE COMPARTMENT
- C - NEAR BRAKE BOOSTER
- D - IN INSTRUMENT PANEL
- E - ON REAR LID
- H - NEAR DOOR SWITCH, RIGHT
- I - NEAR RADIO
- K - NEAR DRIVER'S FOOTWELL | RIGHT

T2 - TWO-POLE
- A - NEAR FRESH AIR BLOWER
- B - IN INSTRUMENT PANEL
- F - NEAR FUSE/RELAY BOARD
- G - NEAR FUSE/RELAY BOARD
- H - NEAR ADDITIONAL TURN SIGNAL LEFT
- I - NEAR ADDITIONAL TURN SIGNAL RIGHT
- K - CENTER CONSOLE LEFT
- L - IN ENGINE COMPARTMENT
- M - NEAR FOG LIGHT, LEFT
- N - NEAR FOG LIGHT, RIGHT
- O - CENTER CONSOLE
- P - NEAR FUSE/RELAY BOARD
- Q - AT FRONT AXLE LEFT
- R - AT FRONT AXLE RIGHT
- S - AT REAR AXLE LEFT
- T - AT REAR AXLE RIGHT
- U - AT A-PILLAR LEFT
- V - ON LUGGAGE COMPARTMENT
- W - NEAR FUSE/RELAY BOARD

T3 - THREE-POLE
- B - NEAR HEADLIGHT, LEFT
- C - NEAR HEADLIGHT, RIGHT

T4 - FOUR-POLE
- A - NEAR FUSE/RELAY BOARD
- B - IN INSTRUMENT PANEL

T6 - SIX-POLE
- A - NEAR FUSE/RELAY BOARD
- B - IN CENTER CONSOLE
- C - NEAR FUSE/RELAY BOARD

T7 - SEVEN-POLE
- B - NEAR RIGHT REAR LIGHTS
- C - NEAR LEFT REAR LIGHTS
- G - IN ENGINE COMPARTMENT

T8 - EIGHT-POLE
IN LUGGAGE COMPARTMENT

T9 - NINE-POLE
- A - IN ENGINE COMPARTMENT
- B - NEAR FUSE/RELAY BOARD

GROUND TERMINALS

① NEAR FUSE/RELAY BOARD
② IN LUGGAGE COMPARTMENT, NEAR LEFT REAR LIGHT
③ NEAR DISTRIBUTOR
④ NEAR LEFT HEADLIGHT
⑤ NEAR RIGHT HEADLIGHT

WIRE COLOURS

BK - BLACK	GN - GREEN	BR - BROWN
WT - WHITE	YE - YELLOW	BL - BLUE
RE - RED	GR - GREY	VI - VIOLET

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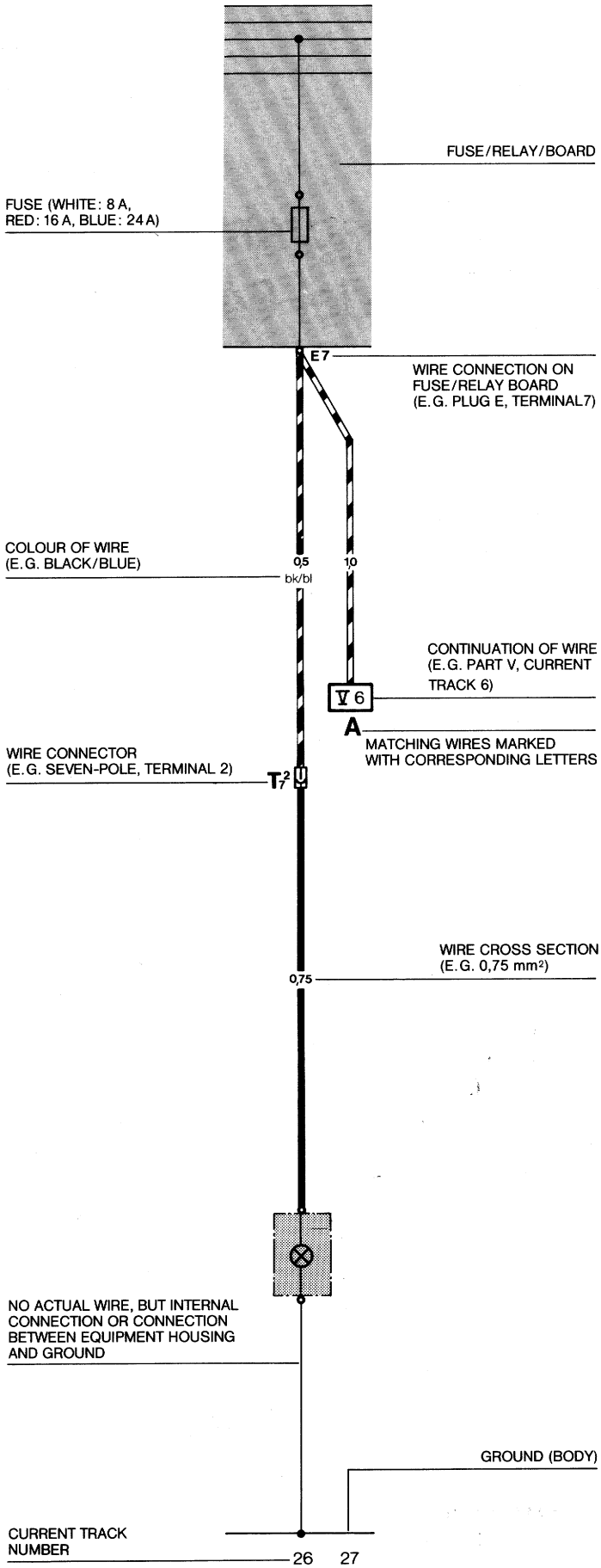
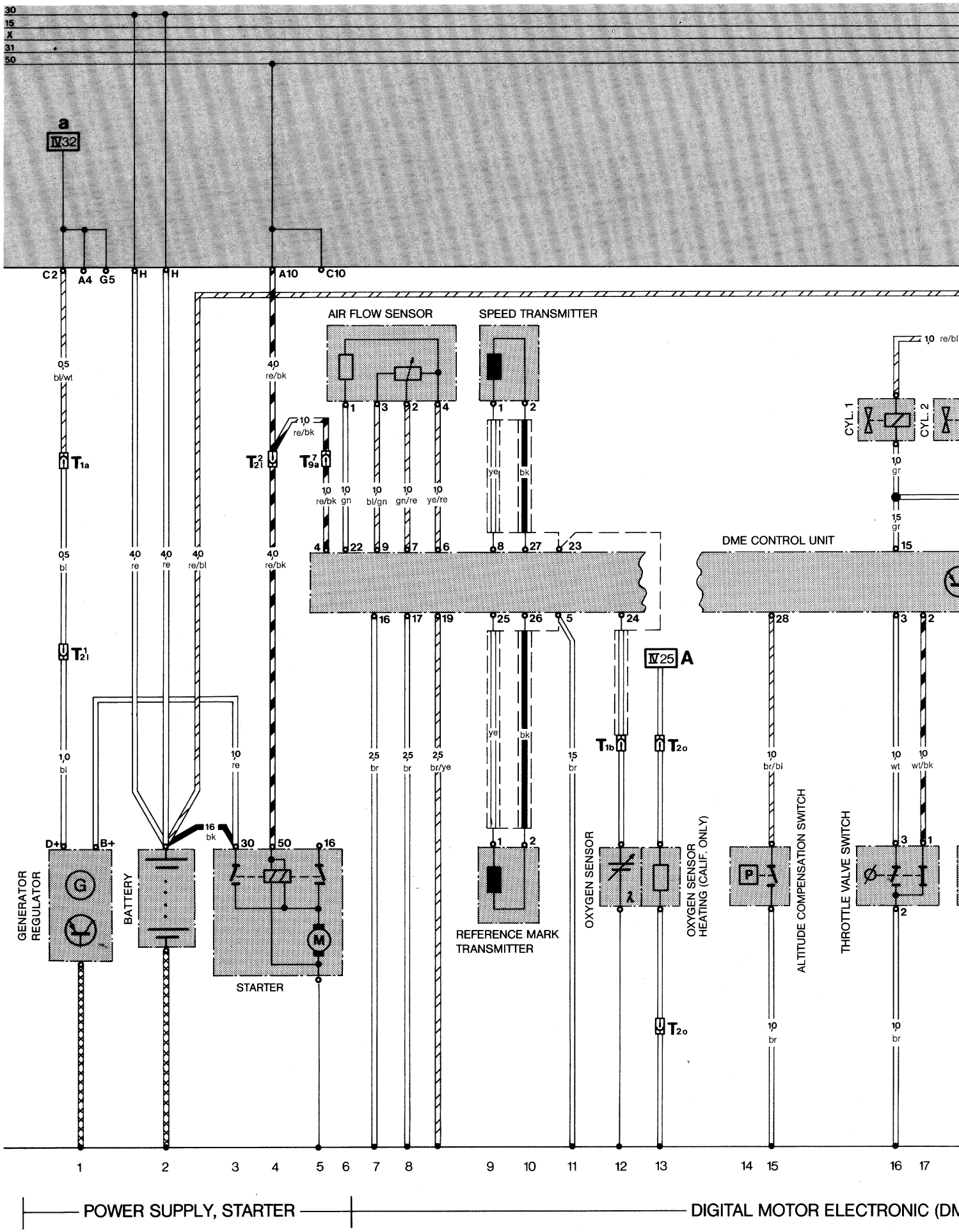

FUSE/RELAY/BOARD
FUSE (WHITE: 8 A,
RED: 16 A, BLUE: 24 A)
E7
WIRE CONNECTION ON
FUSE/RELAY BOARD
(E.G. PLUG E, TERMINAL7)
COLOUR OF WIRE
(E.G. BLACK/BLUE)
0,5
bk/bl
1,0
CONTINUATION OF WIRE
(E.G. PART V, CURRENT
TRACK 6)
V 6
A
MATCHING WIRES MARKED
WITH CORRESPONDING LETTERS
WIRE CONNECTOR
(E.G. SEVEN-POLE, TERMINAL 2)
T7 2
WIRE CROSS SECTION
(E.G. 0,75 mm²)
0,75
NO ACTUAL WIRE, BUT INTERNAL
CONNECTION OR CONNECTION
BETWEEN EQUIPMENT HOUSING
AND GROUND
GROUND (BODY)
CURRENT TRACK
NUMBER
26
27

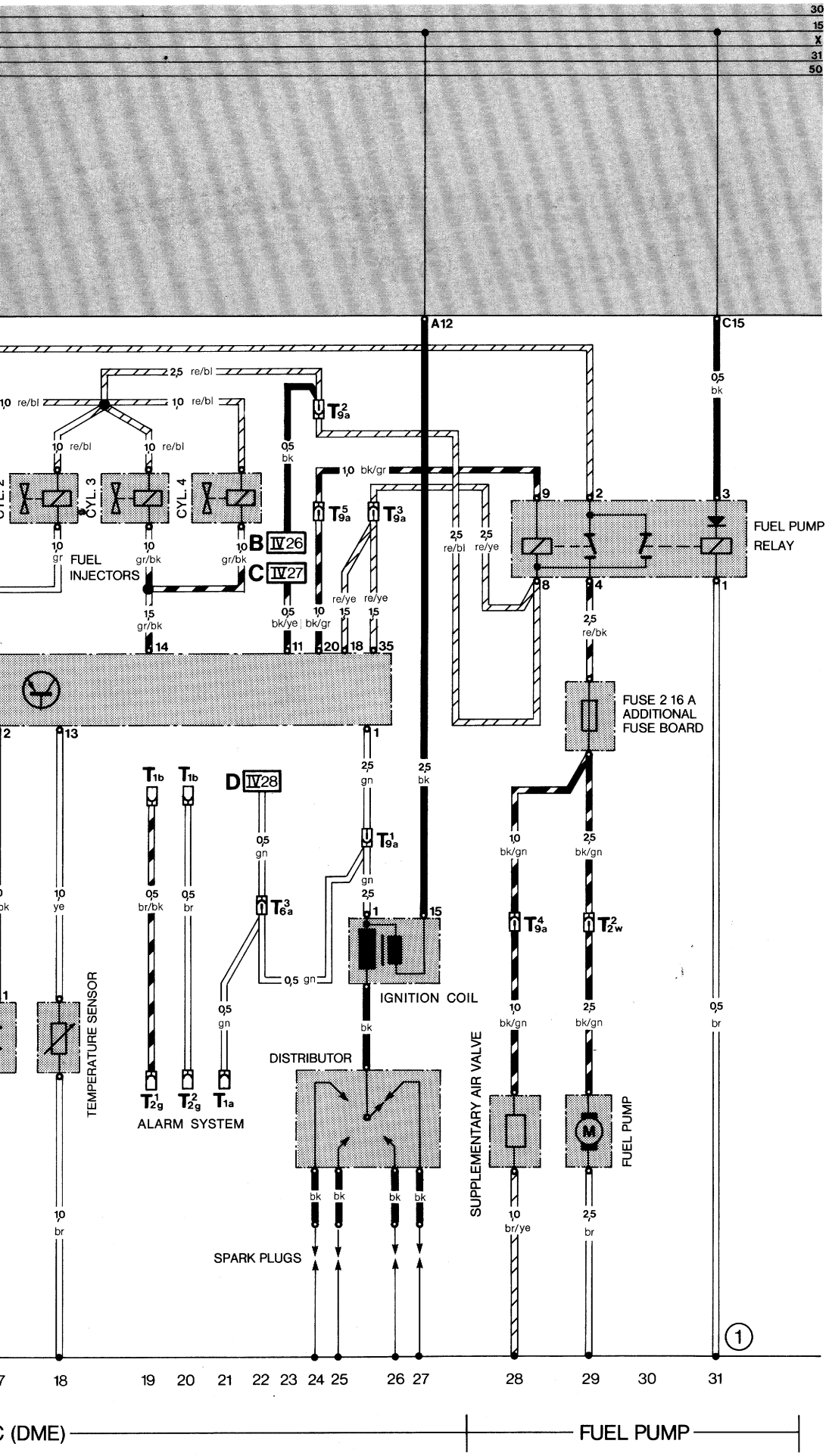
Current Flow Diagram Type 944 USA Model 84 Part I

POWER SUPPLY, STARTER
DIGITAL MOTOR ELECTRONIC (DME)
FUEL PUMP

Current Flow Diagram Type 944 USA Model 84 Pa



Printed in Germany - III,a 1984


30
15
X
31
50
A12
C15
FUEL PUMP RELAY
FUEL INJECTORS
CYL. 2
CYL. 3
CYL. 4
FUSE 2 16 A ADDITIONAL FUSE BOARD
IGNITION COIL
DISTRIBUTOR
SPARK PLUGS
TEMPERATURE SENSOR
ALARM SYSTEM
SUPPLEMENTARY AIR VALVE
FUEL PUMP
18 19 20 21 22 23 24 25 26 27 28 29 30 31
(DME)
FUEL PUMP

Current Flow Diagram Type 944 USA Model 84 Part II

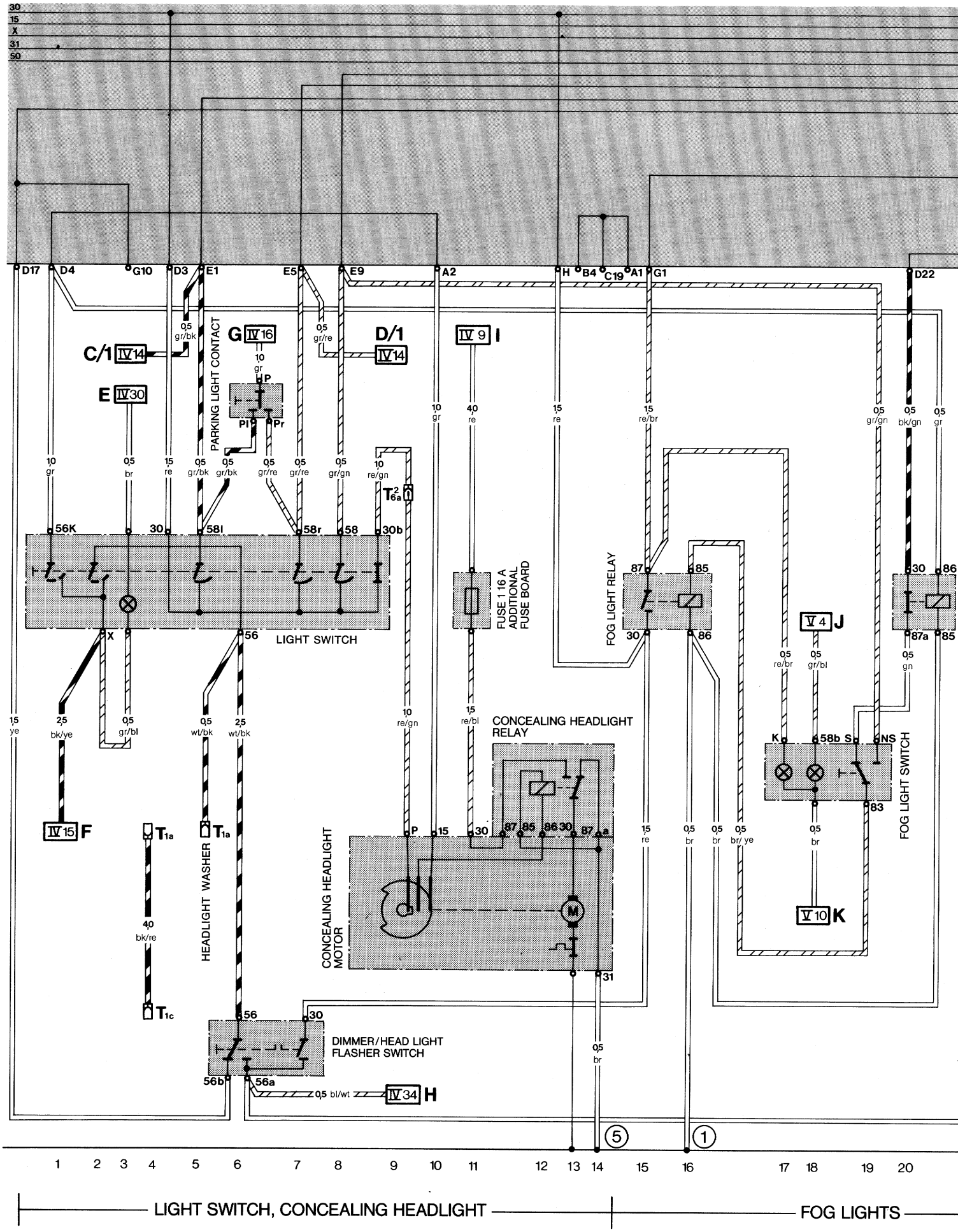
LIGHT SWITCH, CONCEALING HEADLIGHT

FOG LIGHTS

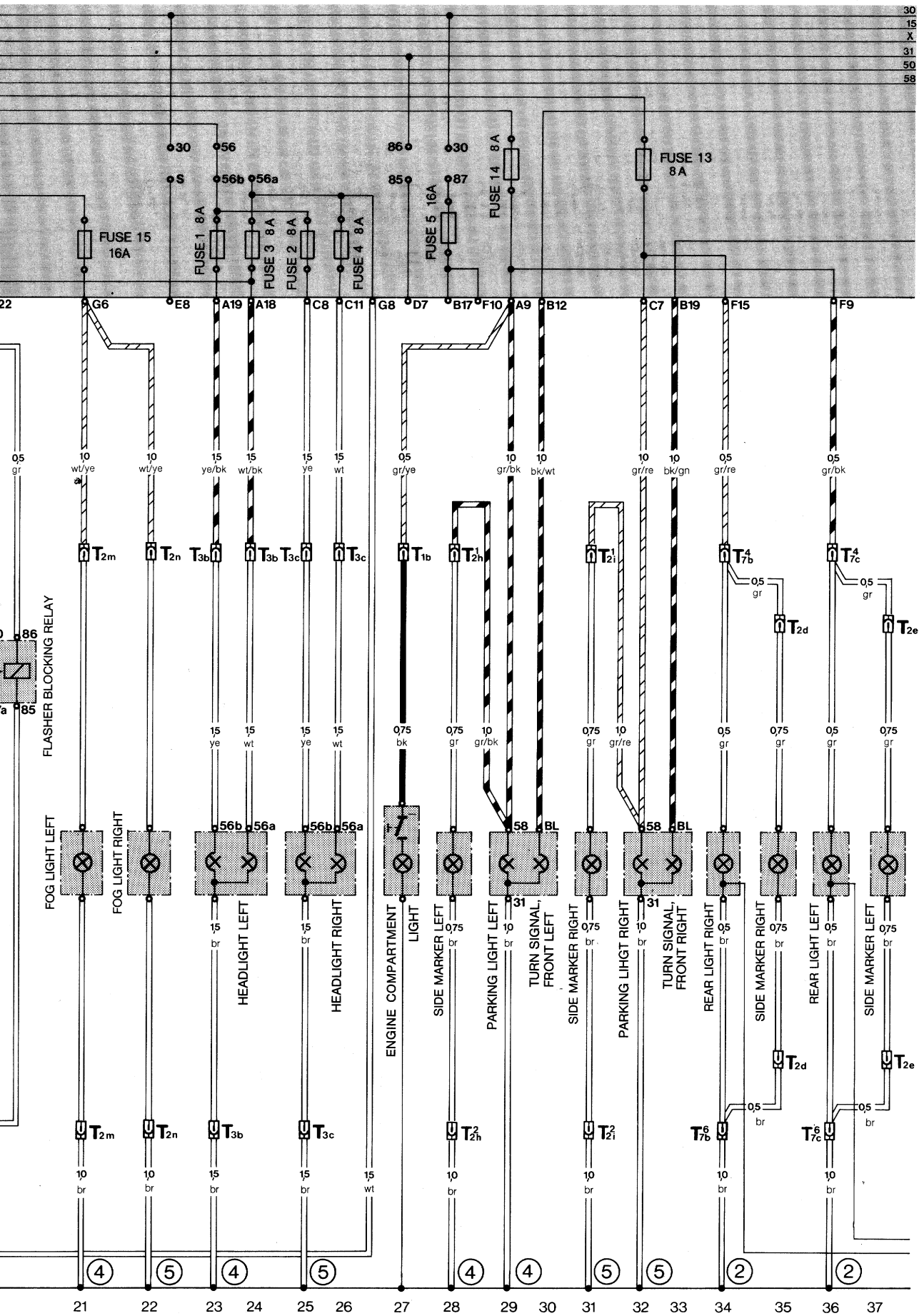
HEADLIGHT

PARKING LIGHT, REAR LIGHT

Current Flow Diagram Type 944 USA Model 84 Par



Printed in Germany- III, a 1984


30
15
X
31
50
58
FUSE 15 16A
FUSE 1 8A
FUSE 3 8A
FUSE 2 8A
FUSE 4 8A
FUSE 5 16A
FUSE 14 8A
FUSE 13 8A
FLASHER BLOCKING RELAY
FOG LIGHT LEFT
FOG LIGHT RIGHT
HEADLIGHT LEFT
HEADLIGHT RIGHT
ENGINE COMPARTMENT LIGHT
SIDE MARKER LEFT
PARKING LIGHT LEFT
TURN SIGNAL, FRONT LEFT
SIDE MARKER RIGHT
PARKING LIHGT RIGHT
TURN SIGNAL, FRONT RIGHT
REAR LIGHT RIGHT
SIDE MARKER RIGHT
REAR LIGHT LEFT
SIDE MARKER LEFT
21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37
HEADLIGHT
PARKING LIGHT, REAR LIGHT

Current Flow Diagram Type 944 USA Model 84 Part III

BRAKE LIGHT

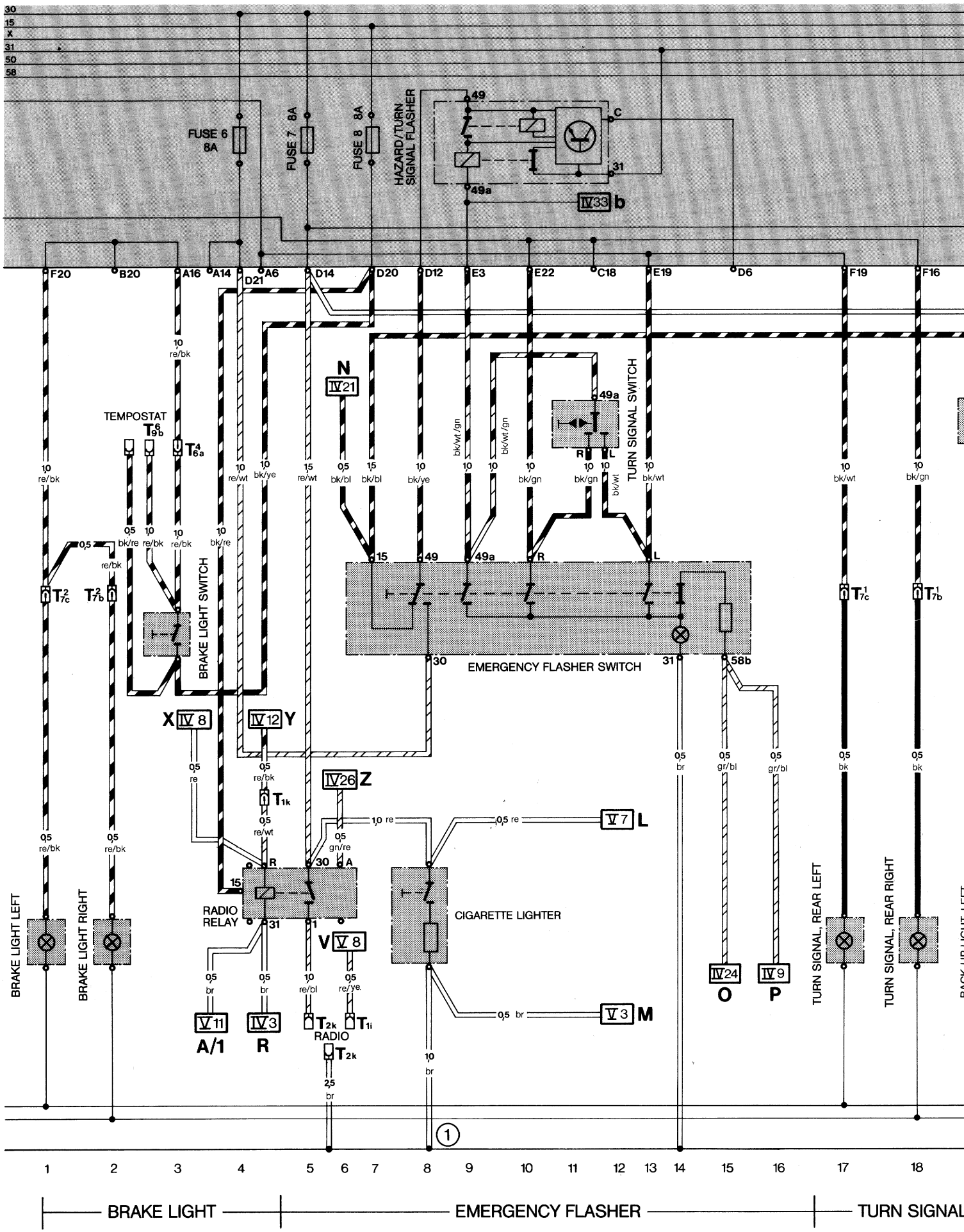
EMERGENCY FLASHER

TURN SIGNAL, BACK-UP LIGHT

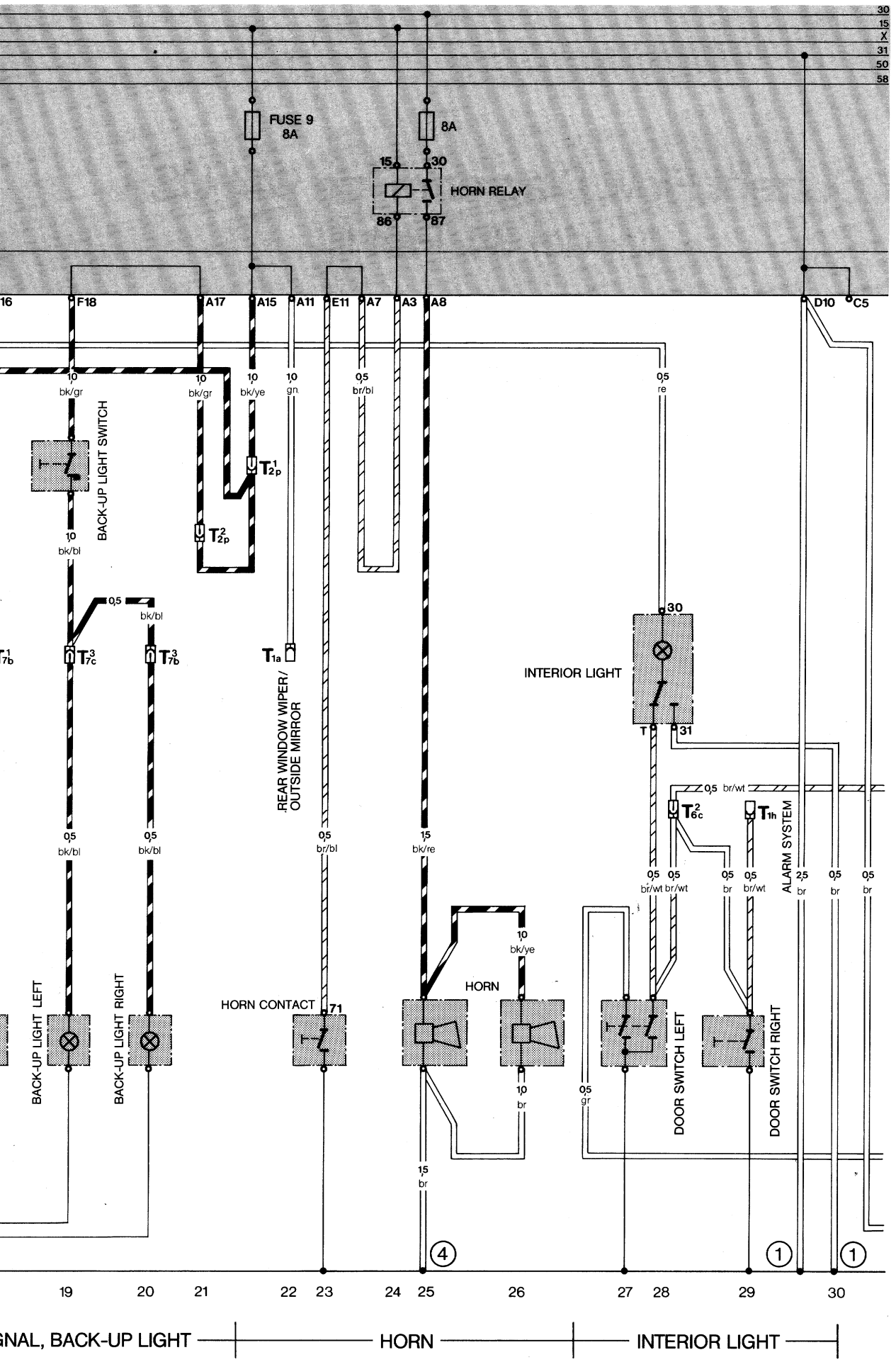
HORN

INTERIOR LIGHT

Current Flow Diagram Type 944 USA Model 84 Par



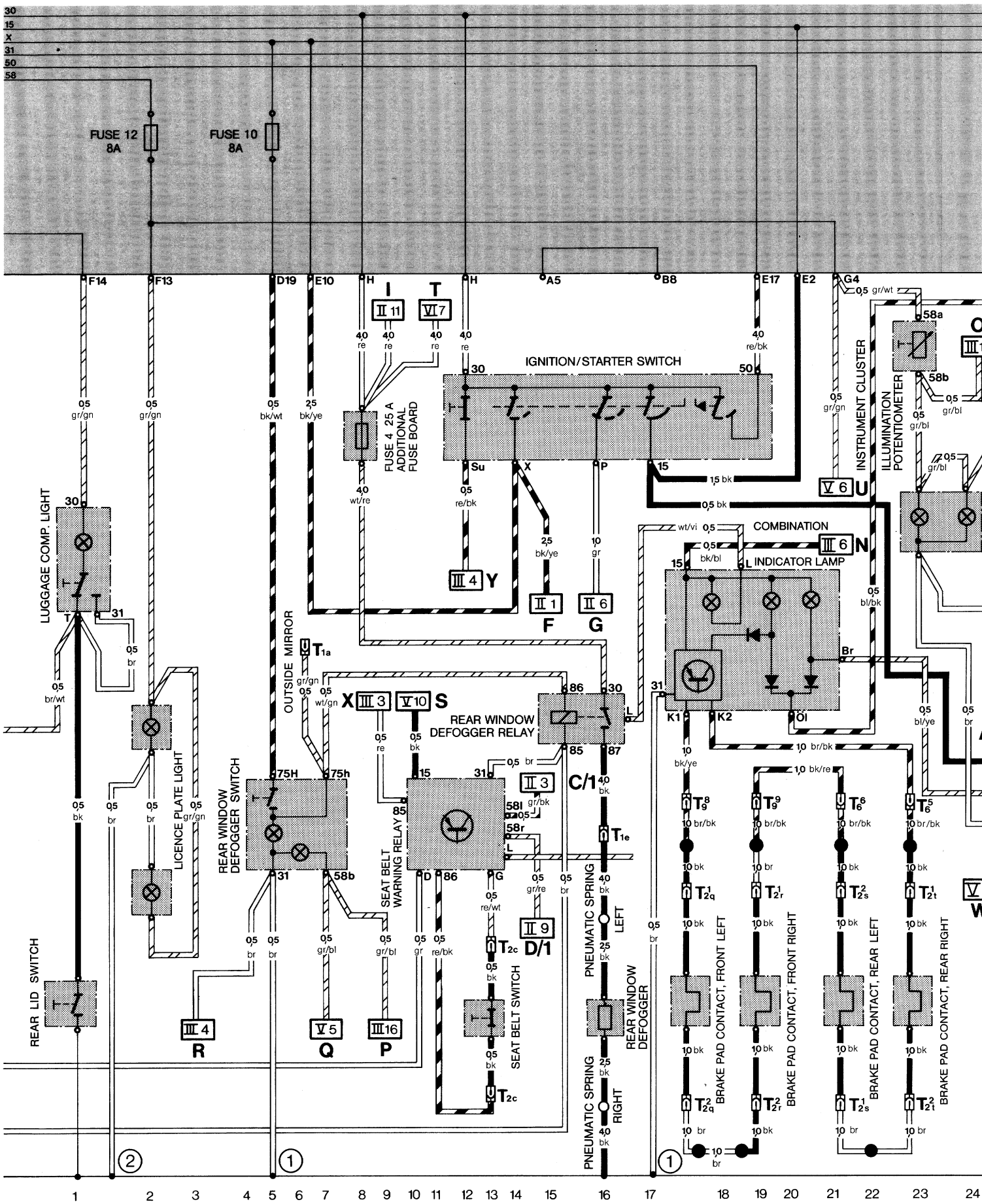
Printed in Germany- III,a 1984


30
15
X
31
50
58
FUSE 9
8A
8A
15
30
HORN RELAY
86
87
16
F18
A17
A15
A11
E11
A7
A3
A8
D10
C5
1,0
bk/gr
1,0
bk/gr
1,0
bk/ye
1,0
gn.
0,5
br/bl
0,5
re
BACK-UP LIGHT SWITCH
1,0
bk/bl
0,5
bk/bl
INTERIOR LIGHT
30
T
31
REAR WINDOW WIPER/
OUTSIDE MIRROR
0,5
br/wt
0,5
bk/bl
0,5
bk/bl
0,5
br/bl
1,5
bk/re
0,5
br/wt
0,5
br/wt
0,5
br
0,5
br/wt
2,5
br
0,5
br
0,5
br
ALARM SYSTEM
1,0
bk/ye
HORN
HORN CONTACT
71
BACK-UP LIGHT LEFT
BACK-UP LIGHT RIGHT
1,0
br
0,5
gr
DOOR SWITCH LEFT
DOOR SWITCH RIGHT
1,5
br
4
1
1
19
20
21
22
23
24
25
26
27
28
29
30
GNAL, BACK-UP LIGHT
HORN
INTERIOR LIGHT

Current Flow Diagram Type 944 USA Model 84 Part IV

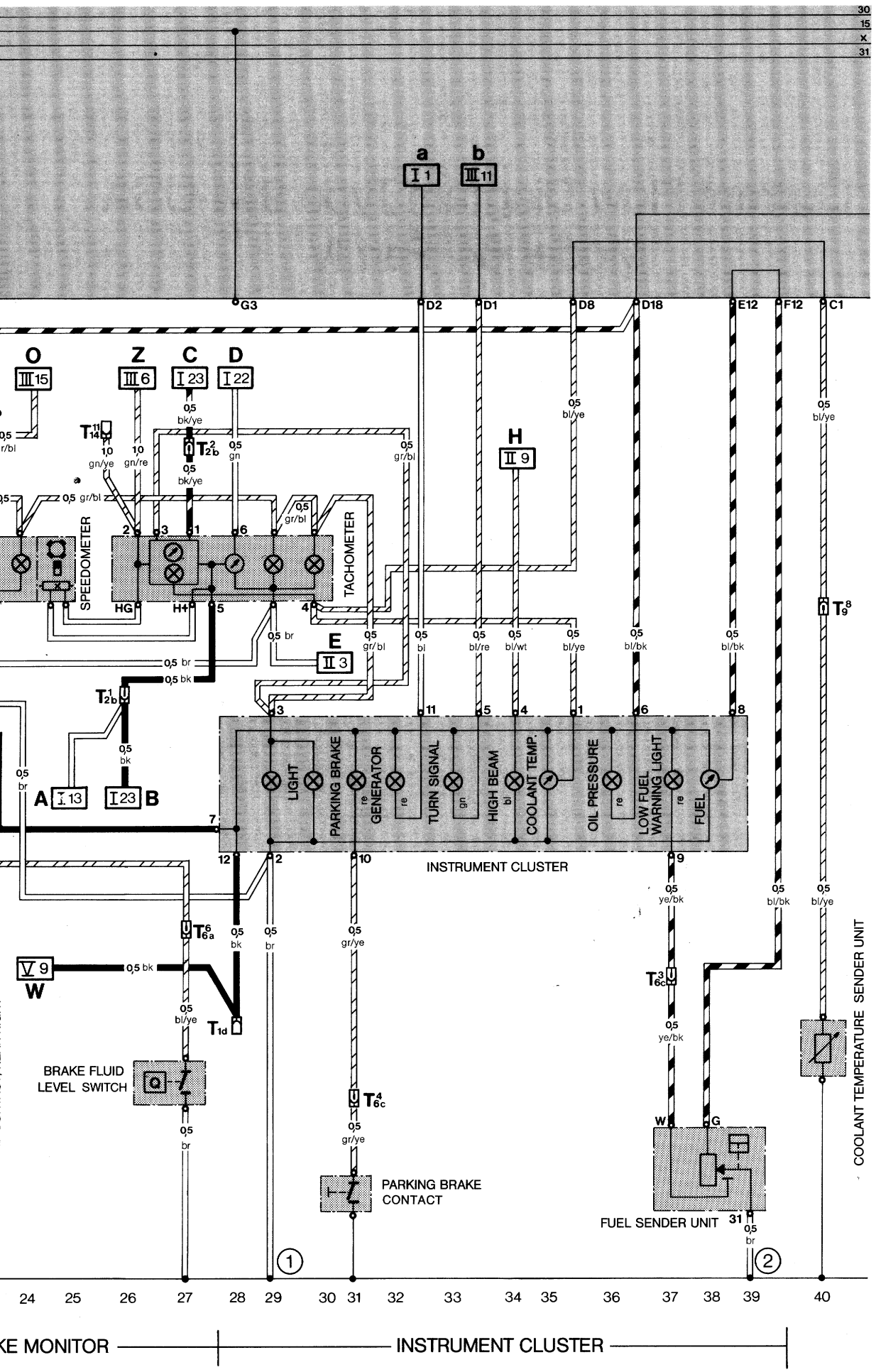
REAR WINDOW DEFOGGER,
IGNITION/STARTER SWITCH, SEAT BELTS
BRAKE MONITOR
INSTRUMENT CLUSTER

Current Flow Diagram Type 944 USA Model 84 Par



REAR WINDOW DEFOGGER, IGNITION/STARTER SWITCH, SEAT BELTS, BRAKE M

Printed in Germany- III, a 1984


30
15
x
31
a
b
G3
D2
D1
D8
D18
E12
F12
C1
O
Z
C
D
H
E
A
B
W
SPEEDOMETER
TACHOMETER
HG
H+
INSTRUMENT CLUSTER
LIGHT
PARKING BRAKE
GENERATOR
TURN SIGNAL
HIGH BEAM
COOLANT TEMP.
OIL PRESSURE
LOW FUEL WARNING LIGHT
FUEL
BRAKE FLUID LEVEL SWITCH
PARKING BRAKE CONTACT
FUEL SENDER UNIT
COOLANT TEMPERATURE SENDER UNIT
24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40
KE MONITOR
INSTRUMENT CLUSTER

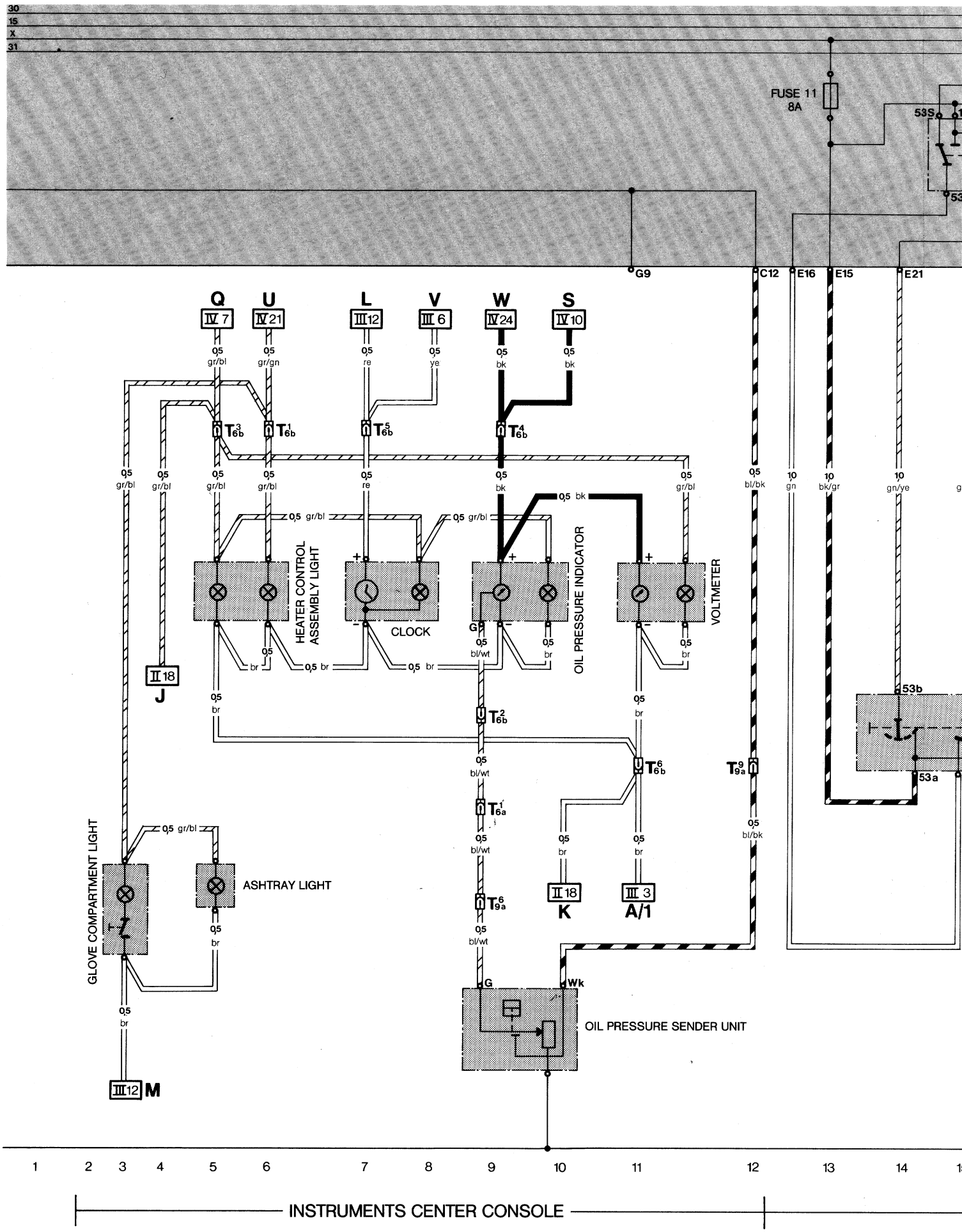
Current Flow Diagram Type 944 USA Model 84 Part V

INSTRUMENTS CENTER CONSOLE

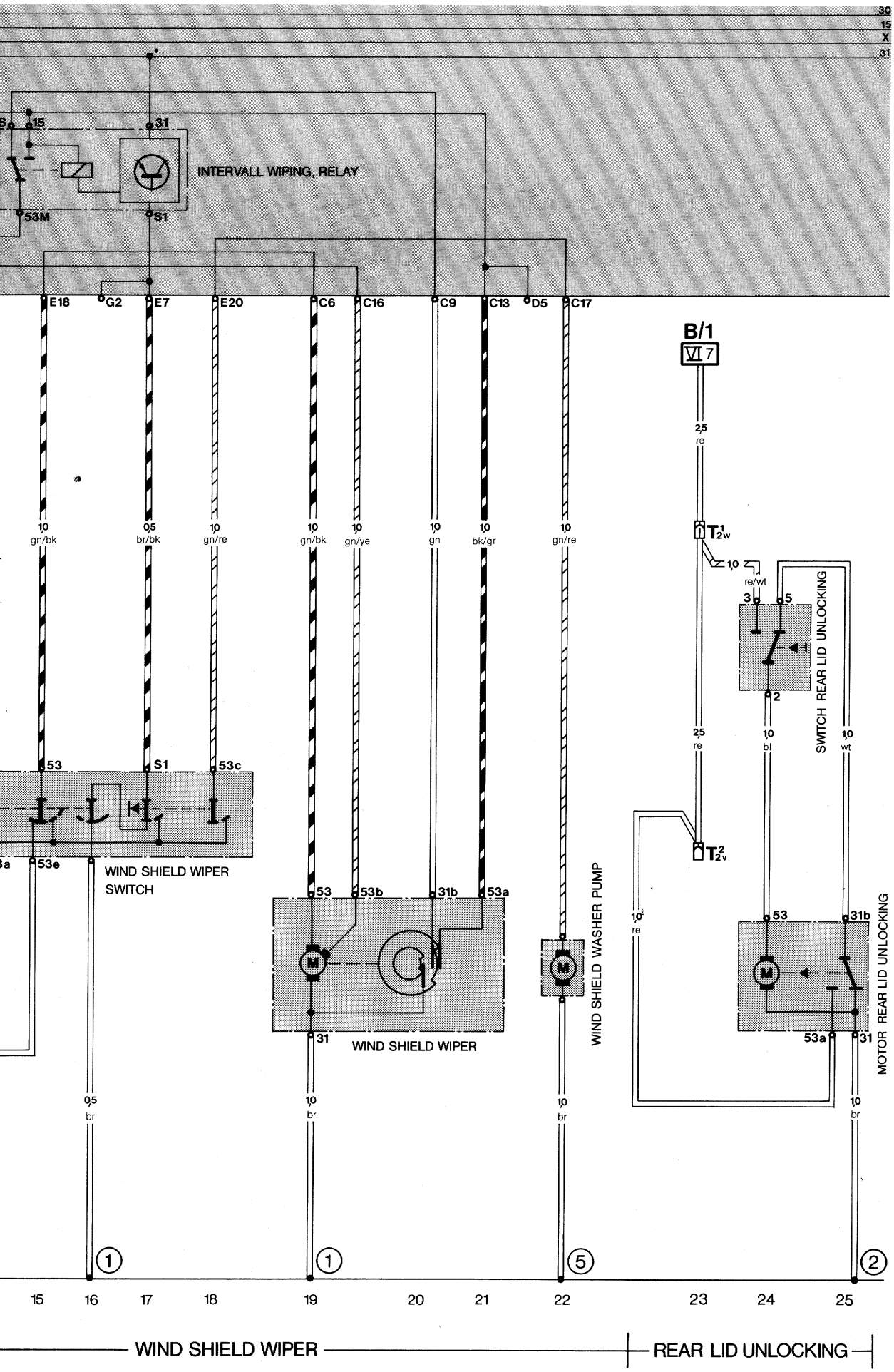
WIND SHIELD WIPER

REAR LID UNLOCKING

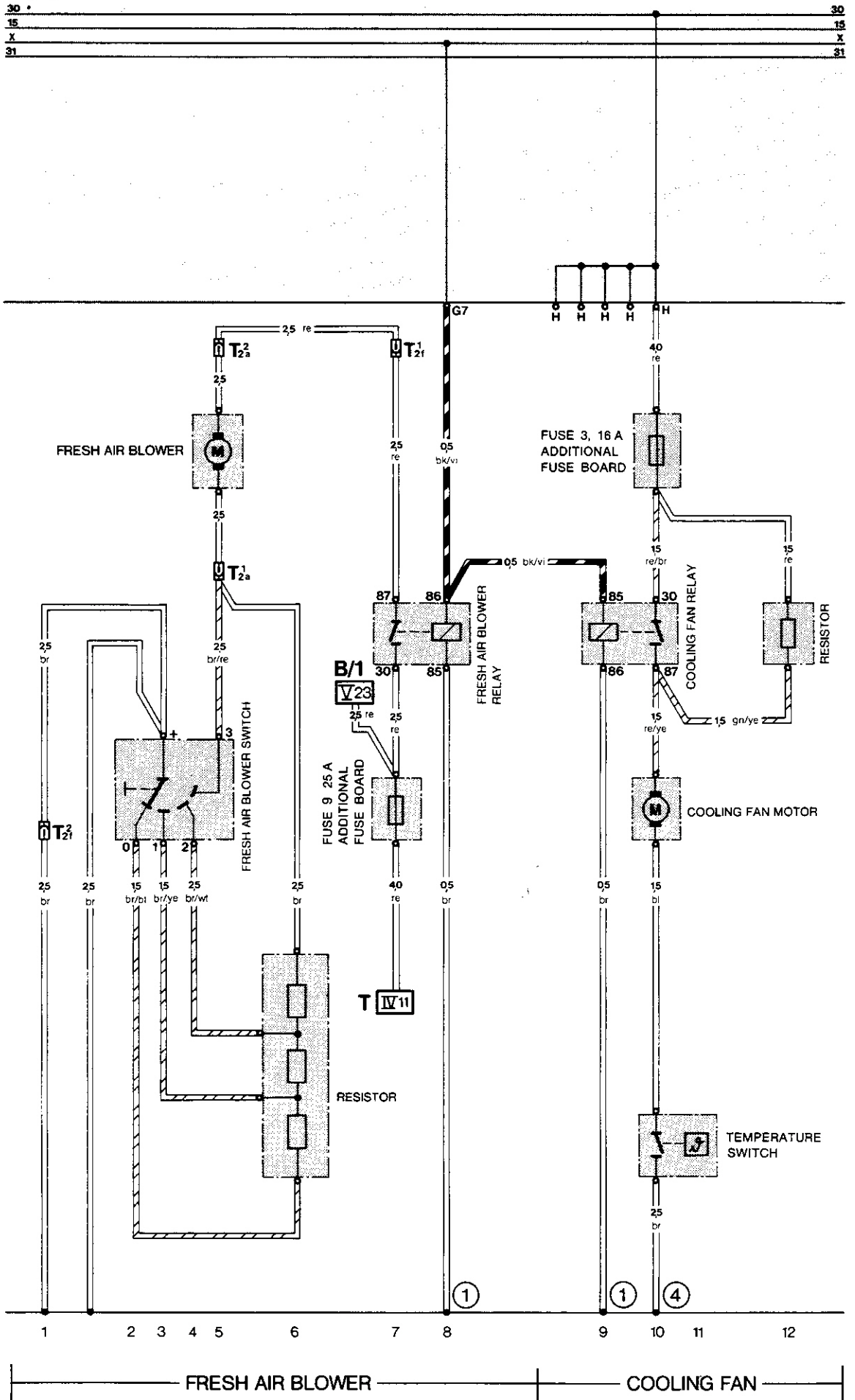
Current Flow Diagram Type 944 USA Model 84 Par



Printed in Germany- III, a 1984


30
15
X
31
INTERVALL WIPING, RELAY
15
31
53M
S1
E18
G2
E7
E20
C6
C16
C9
C13
D5
C17
B/1
VI 7
2,5
re
1,0
gn/bk
0,5
br/bk
1,0
gn/re
1,0
gn/bk
1,0
gn/ye
1,0
gn
1,0
bk/gr
1,0
gn/re
T2w
1
1,0
re/wt
3
5
2
SWITCH REAR LID UNLOCKING
2,5
re
1,0
bl
1,0
wt
T2v
53
S1
53c
53e
WIND SHIELD WIPER
SWITCH
53
53b
31b
53a
31
WIND SHIELD WIPER
WIND SHIELD WASHER PUMP
1,0
re
53
31b
53a
31
MOTOR REAR LID UNLOCKING
0,5
br
1,0
br
1,0
br
1,0
br
1
1
5
2
15
16
17
18
19
20
21
22
23
24
25
WIND SHIELD WIPER
REAR LID UNLOCKING

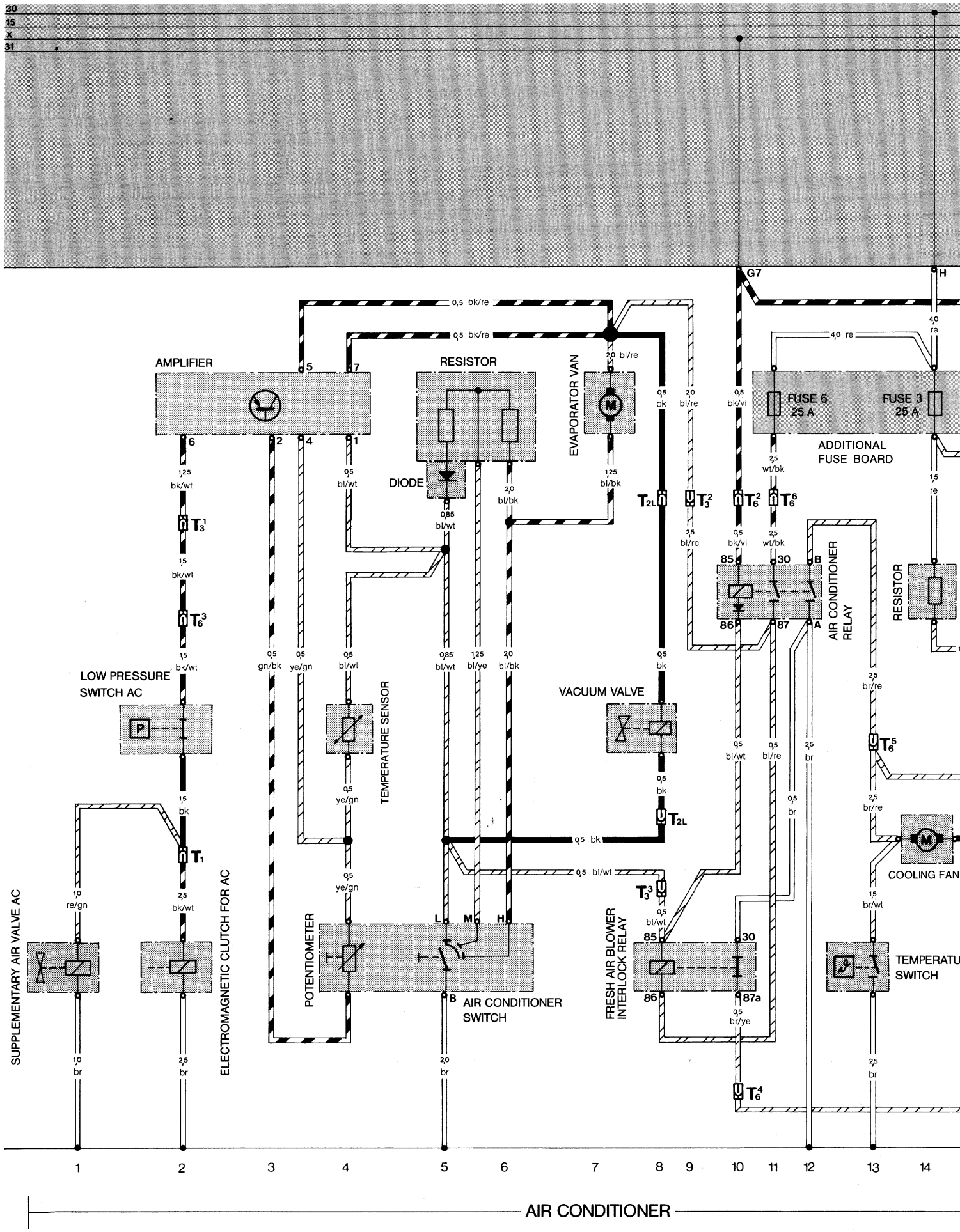
Current Flow Diagram
Type 944 USA Model 84 Part VI



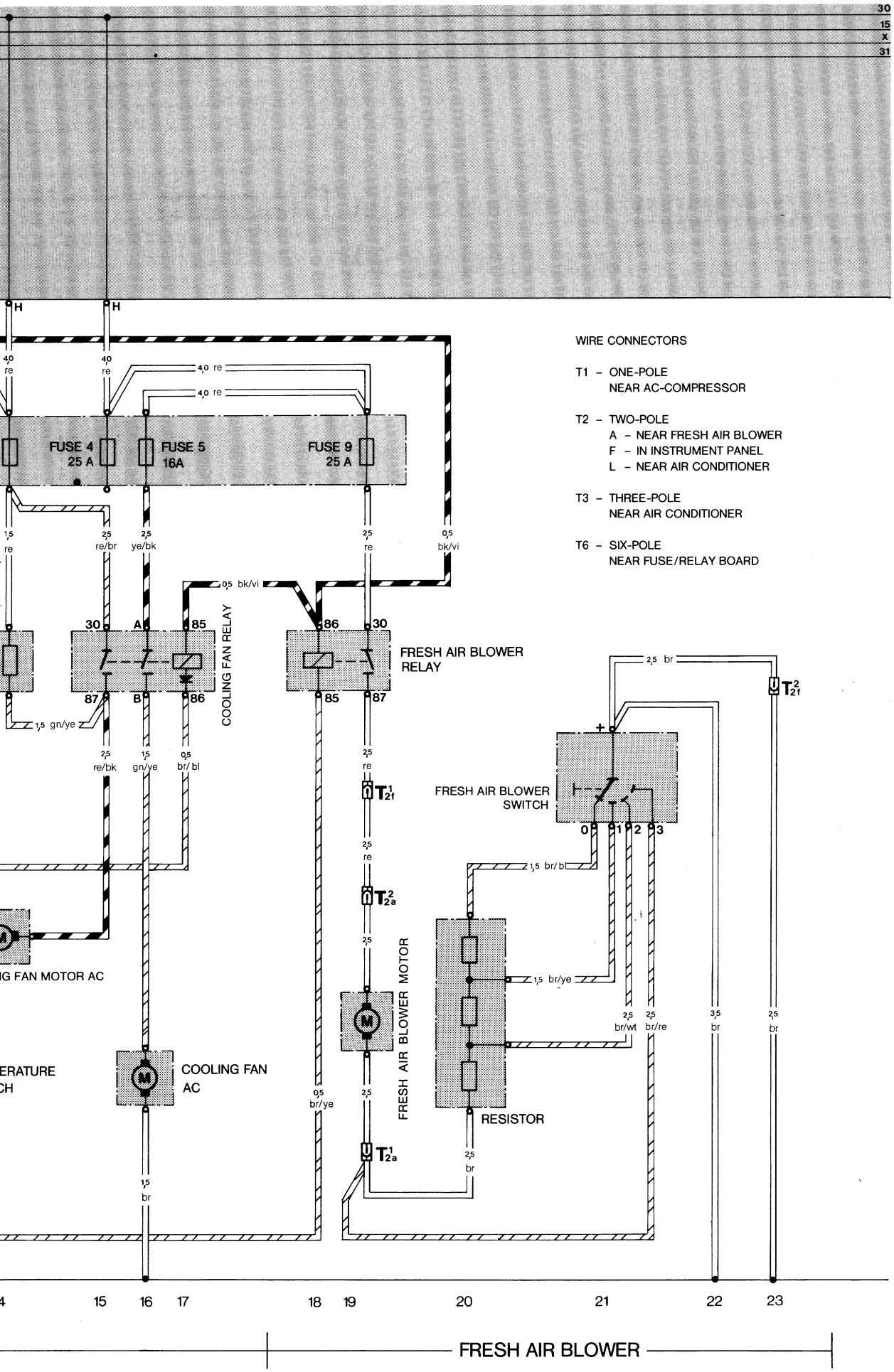
Additional Current Flow Diagram Type 944 USA

AIR CONDITIONER

Additional Current Flow Diagram Type 944 USA A



Printed in Germany - III, 1984



WIRE CONNECTORS

T1 – ONE-POLE
NEAR AC-COMPRESSOR

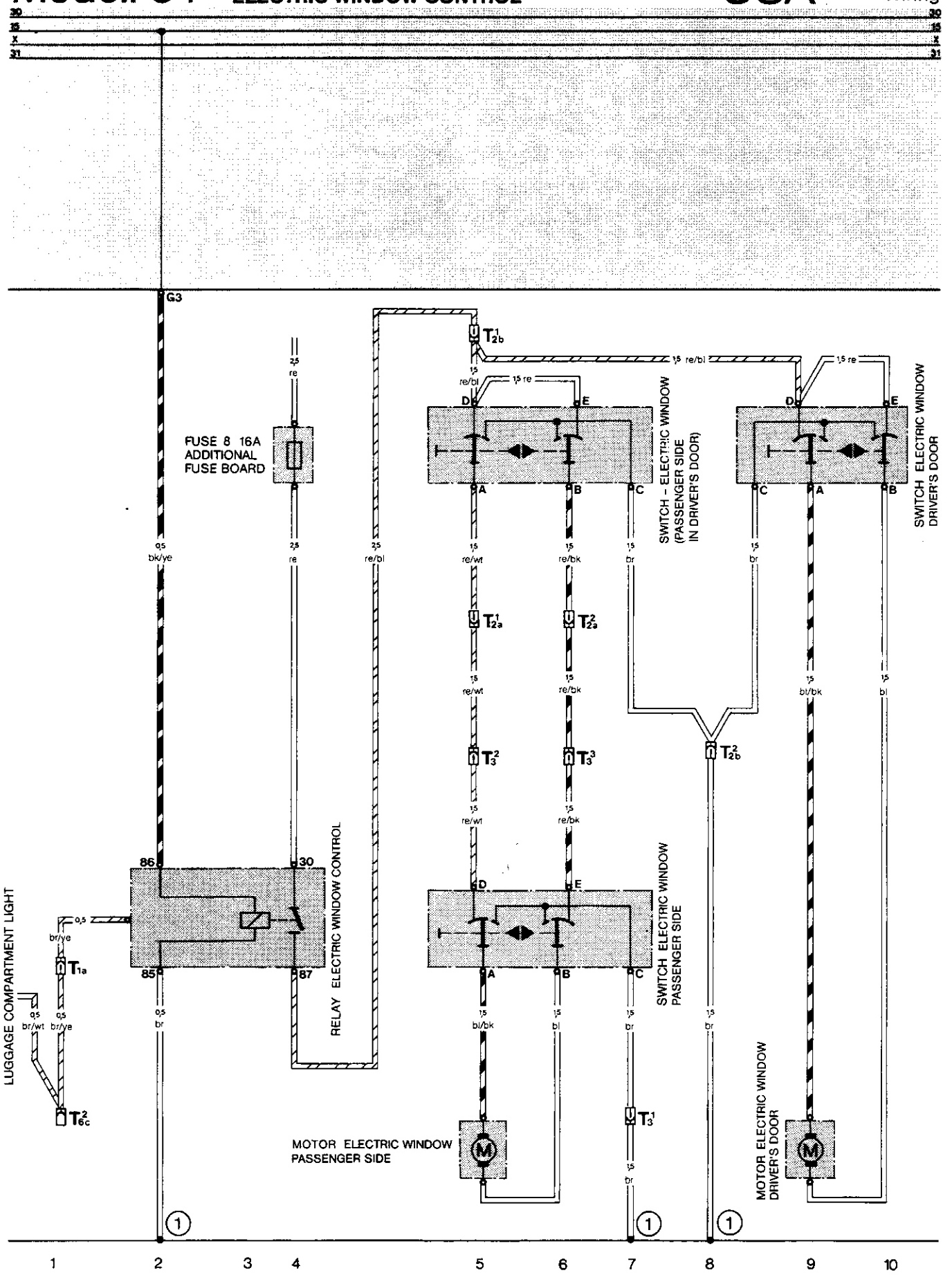
T2 – TWO-POLE
A – NEAR FRESH AIR BLOWER
F – IN INSTRUMENT PANEL
L – NEAR AIR CONDITIONER

T3 – THREE-POLE
NEAR AIR CONDITIONER

T6 – SIX-POLE
NEAR FUSE/RELAY BOARD

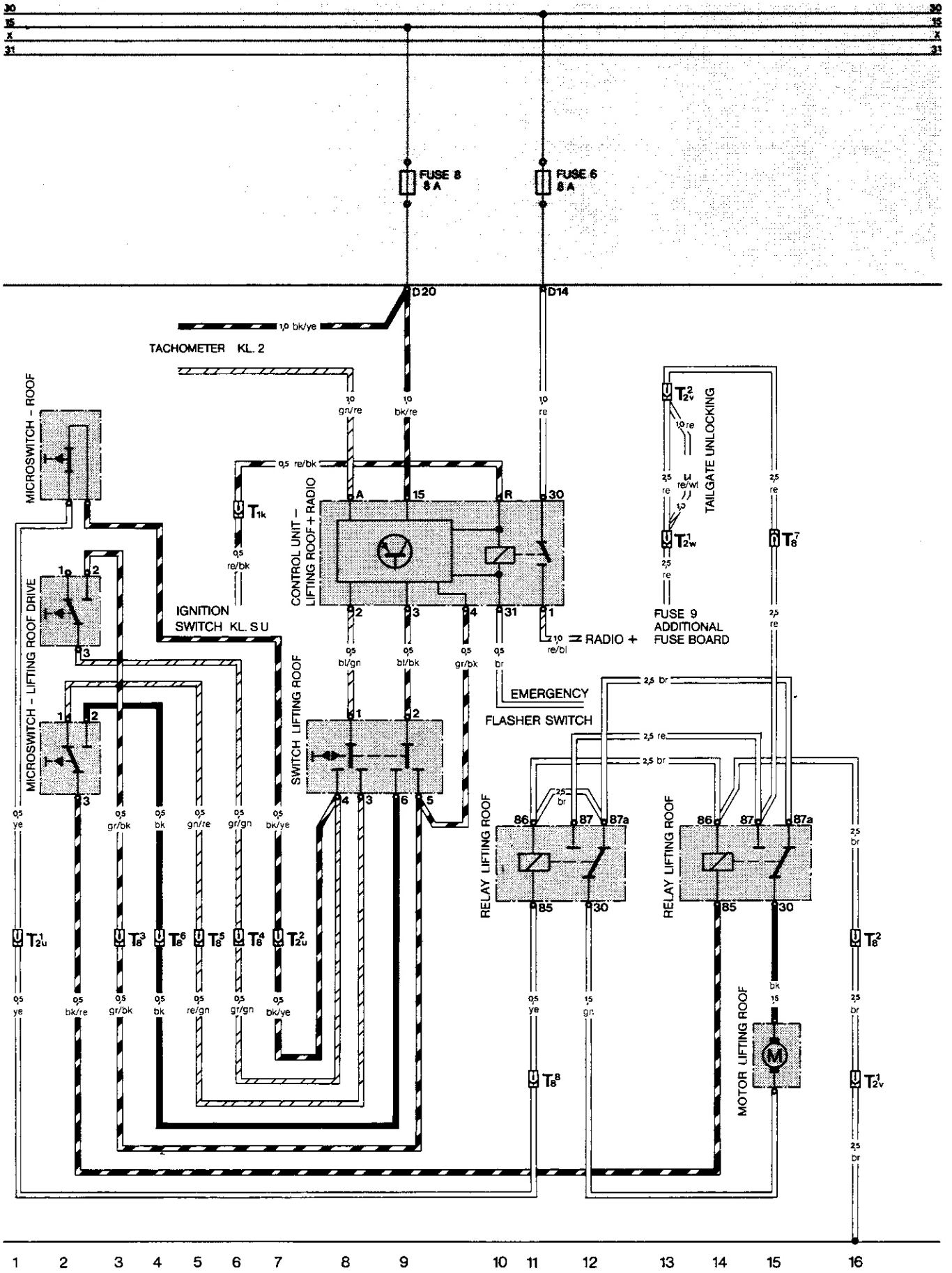
Additional Current Flow Diagram Type 944 Modell 84 USA

ELECTRIC WINDOW CONTROL

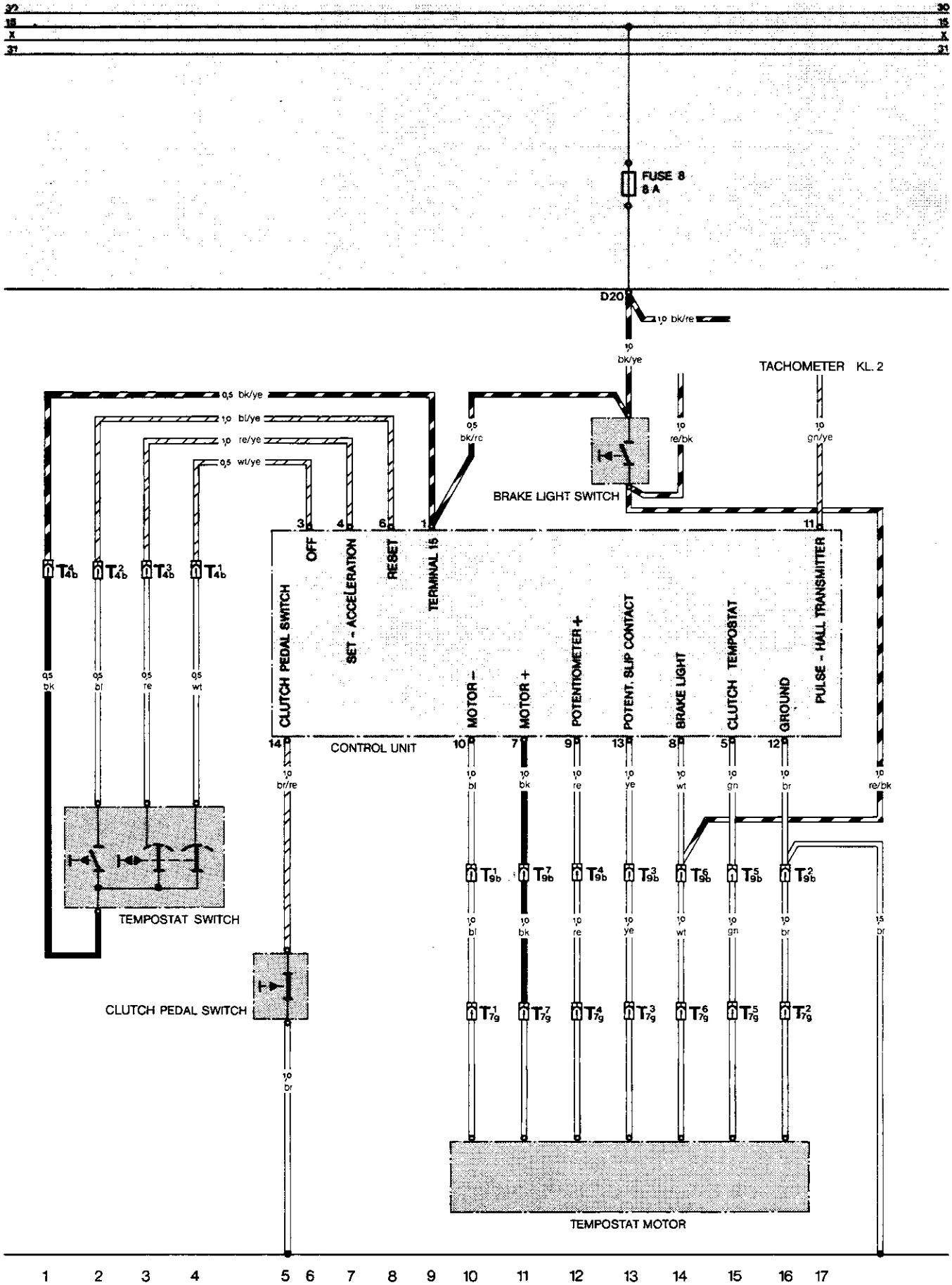


Additional Current Flow Diagram Type 944 Modell 84 USA

LIFTING ROOF



Additional Current Flow Diagram Type 944 Modell 84 TEMPOSTAT USA



Wiring Diagram Type 944, 944 turbo Model 85/2

Attention!

Only for vehicles up to vehicle identification No.

94 FN 401638 **94 FN 451912**
95 FN 100122 **95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2

The 944, 85/2 model, is being accompanied by a new generation of wiring diagrams.

The wiring diagram consists of eight individual wiring diagrams. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dash-dotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 20-pin connectors on the central-electrics box are new. They are clipped together out of 5 parts.

Part 1, with the moulded-on fastening lug, is the "starting element".

Parts 2, 3 and 4 are "module elements".

Parts 1 to 4 are identified by the numbers 1 . . . . . 5.

Part 5 is a "coding element".

The designations of the plug connections in the wiring diagram of the central-electrics box refer to the "starting element" from, for example, B 11 . . . . . 15, and to the first module element from B 21 . . . . . 25.

Wiring Diagram Type 944, 944 turbo Model 85/2 page 1

LIGHTING ROW/SA

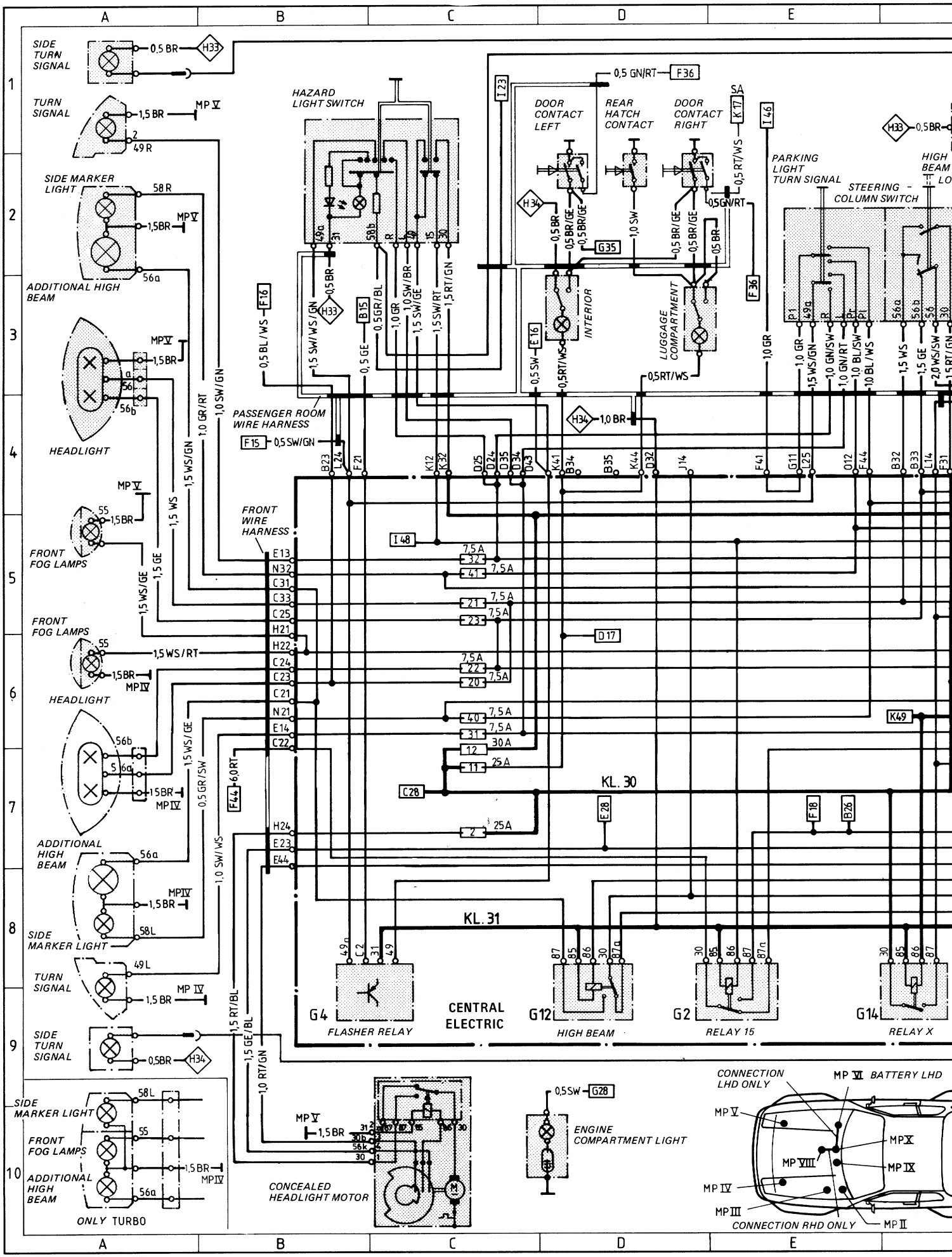
Attention!

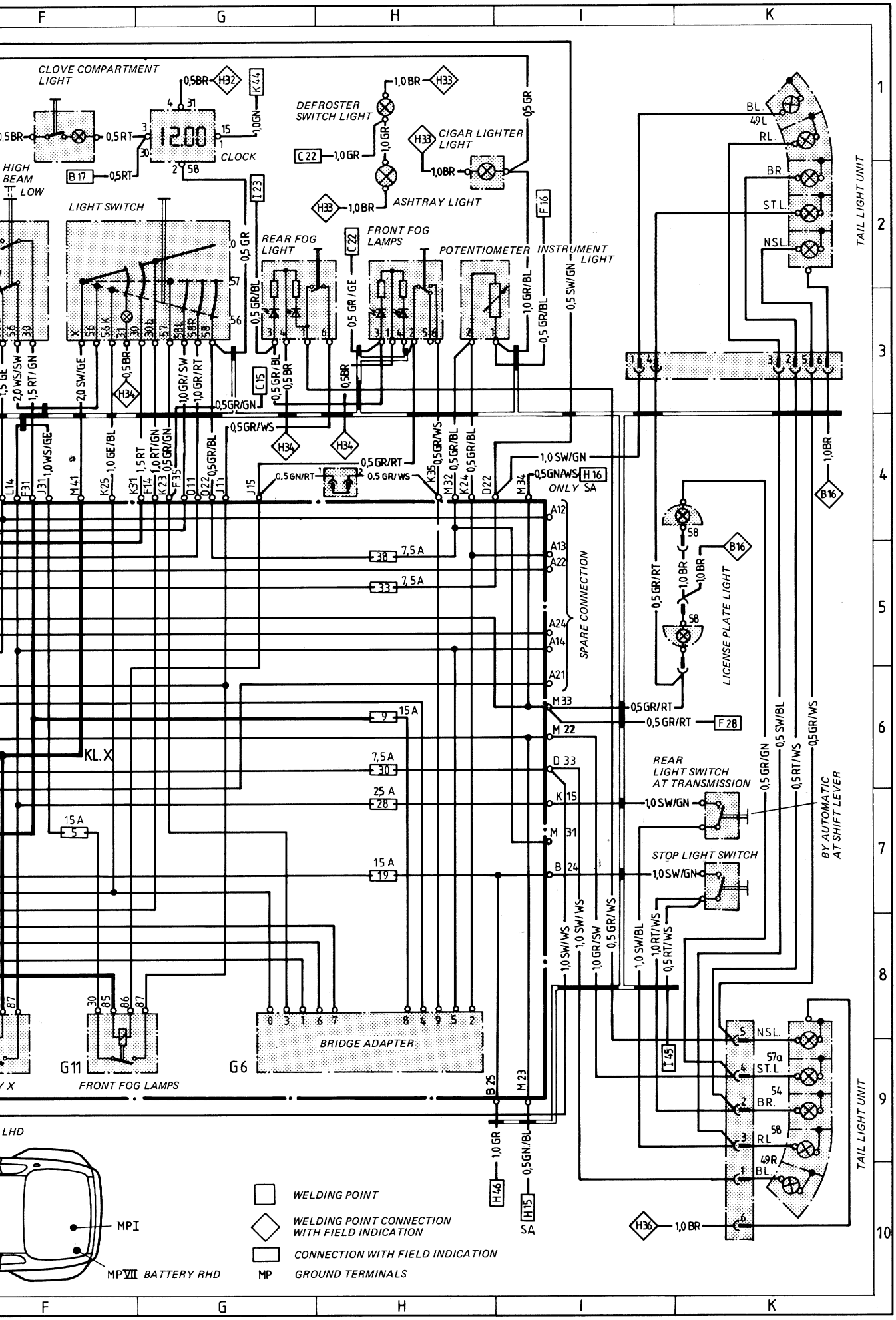
Only for vehicles up to vehicle identification No.

94 FN 401638	**94 FN 451912**
95 FN 100122	**95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 1

LIGHTING ROW/SA




CLOVE COMPARTMENT LIGHT
CLOCK
HIGH BEAM
LOW
LIGHT SWITCH
DEFROSTER SWITCH LIGHT
CIGAR LIGHTER LIGHT
ASHTRAY LIGHT
REAR FOG LIGHT
FRONT FOG LAMPS
POTENTIOMETER
INSTRUMENT LIGHT
TAIL LIGHT UNIT
SPARE CONNECTION
ONLY SA
LICENSE PLATE LIGHT
REAR LIGHT SWITCH AT TRANSMISSION
BY AUTOMATIC AT SHIFT LEVER
STOP LIGHT SWITCH
BRIDGE ADAPTER
FRONT FOG LAMPS
KL.X
LHD
MPI
MPVII BATTERY RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 2

LIGHTING USA

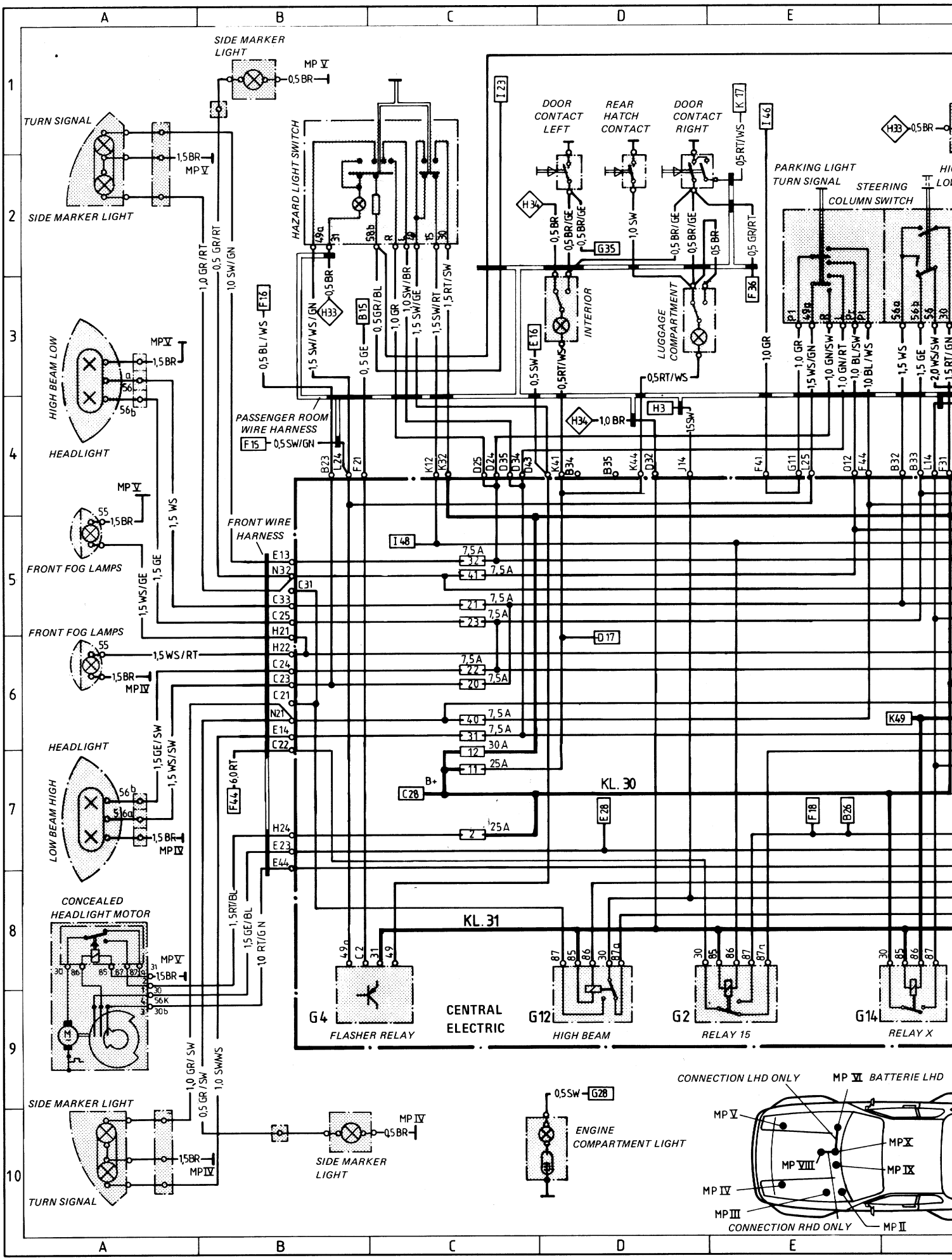
Attention!

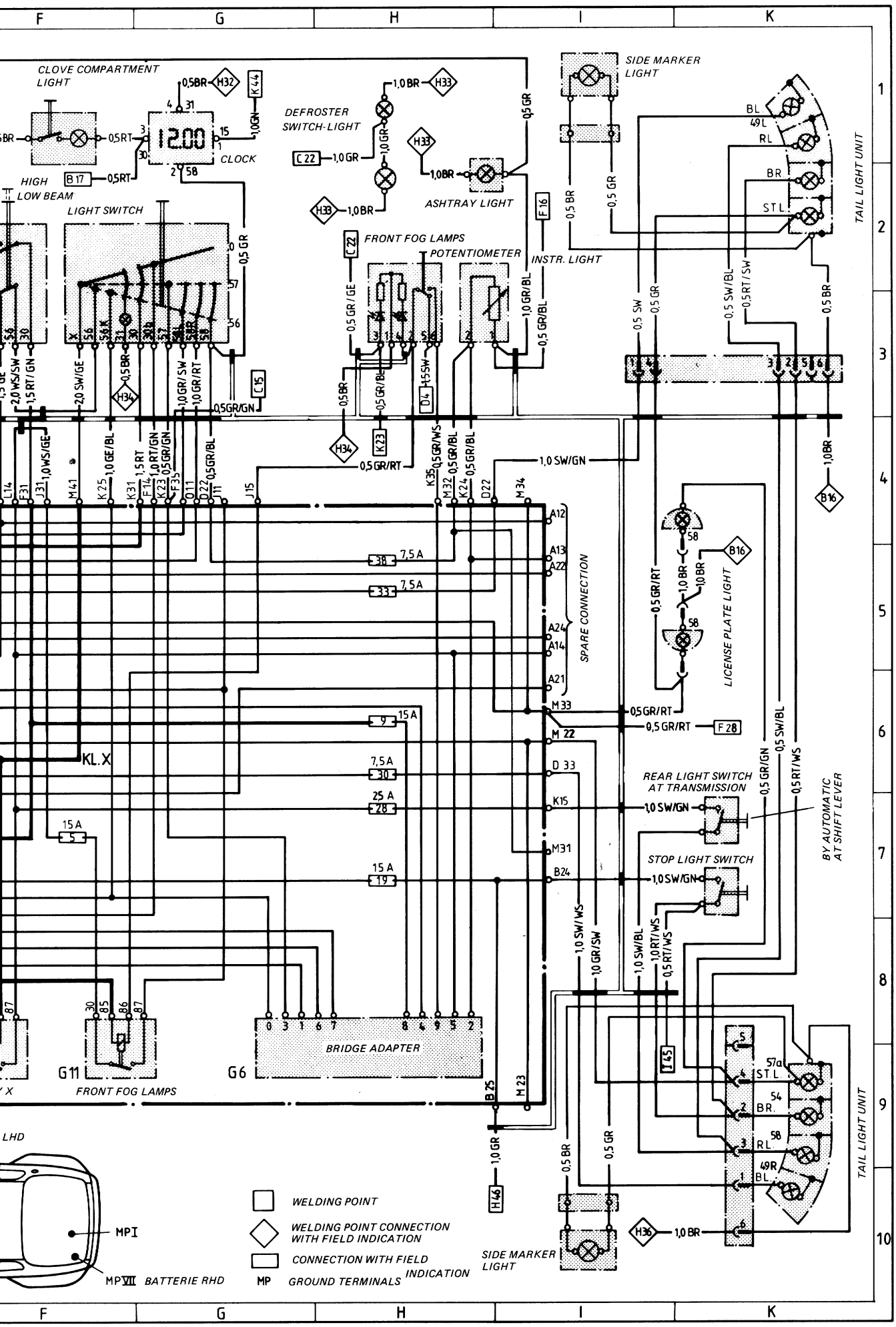
Only for vehicles up to vehicle identification No.

94 FN 401638	**94 FN 451912**
95 FN 100122	**95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 2

LIGHTING USA




CLOVE COMPARTMENT LIGHT
CLOCK
HIGH LOW BEAM
LIGHT SWITCH
DEFROSTER SWITCH-LIGHT
ASHTRAY LIGHT
FRONT FOG LAMPS
POTENTIOMETER
INSTR. LIGHT
SIDE MARKER LIGHT
TAIL LIGHT UNIT
SPARE CONNECTION
LICENSE PLATE LIGHT
REAR LIGHT SWITCH AT TRANSMISSION
BY AUTOMATIC AT SHIFT LEVER
STOP LIGHT SWITCH
BRIDGE ADAPTER
FRONT FOG LAMPS
KL.X
LHD
MPI
MPVII BATTERIE RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 3

INSTRUMENT CLUSTER AND SENSORS
ROW

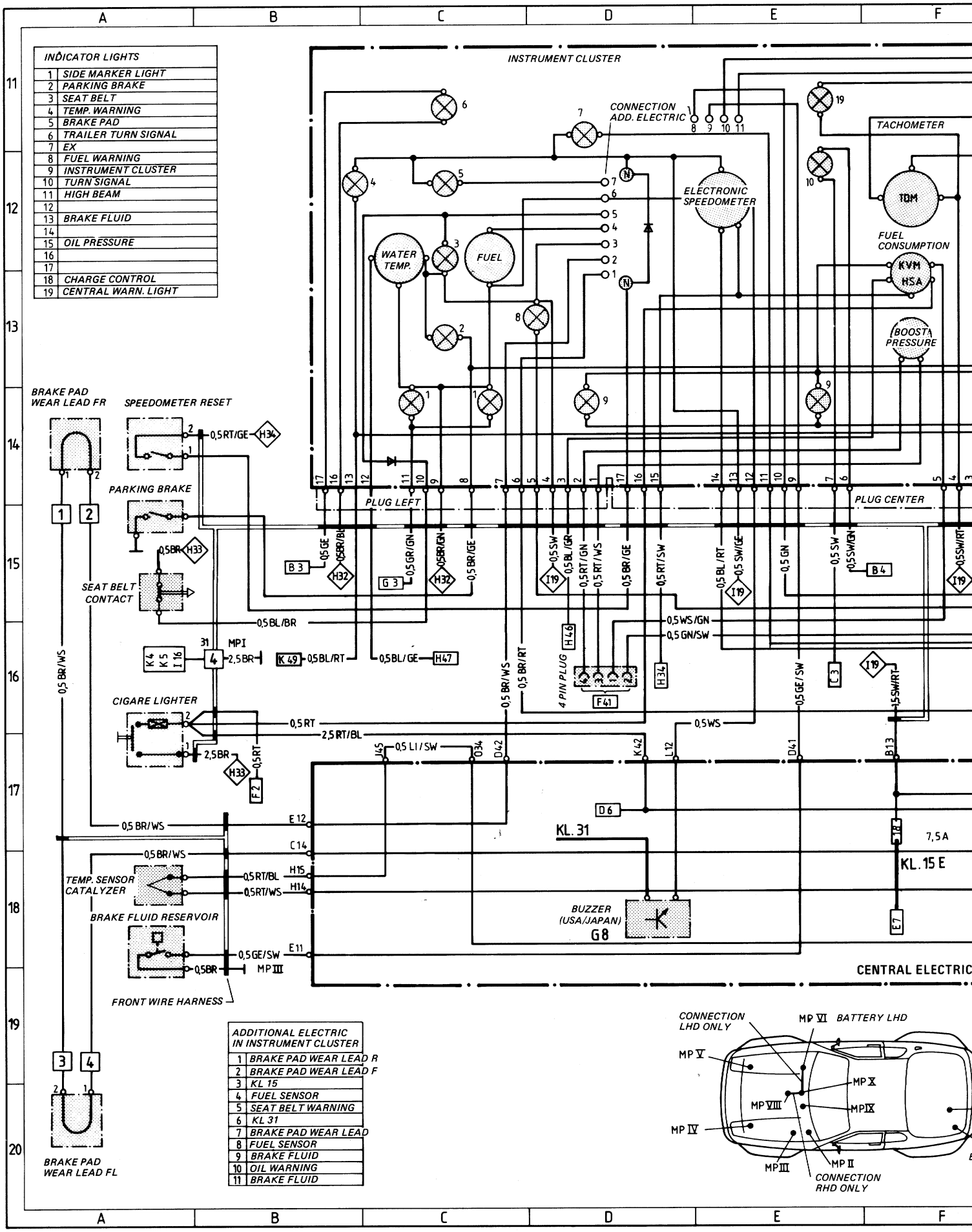
Attention!

Only for vehicles up to vehicle identification No.

94 FN 401638	**94 FN 451912**
95 FN 100122	**95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 3

INSTRUMENT CLUSTER AND SENSORS ROW

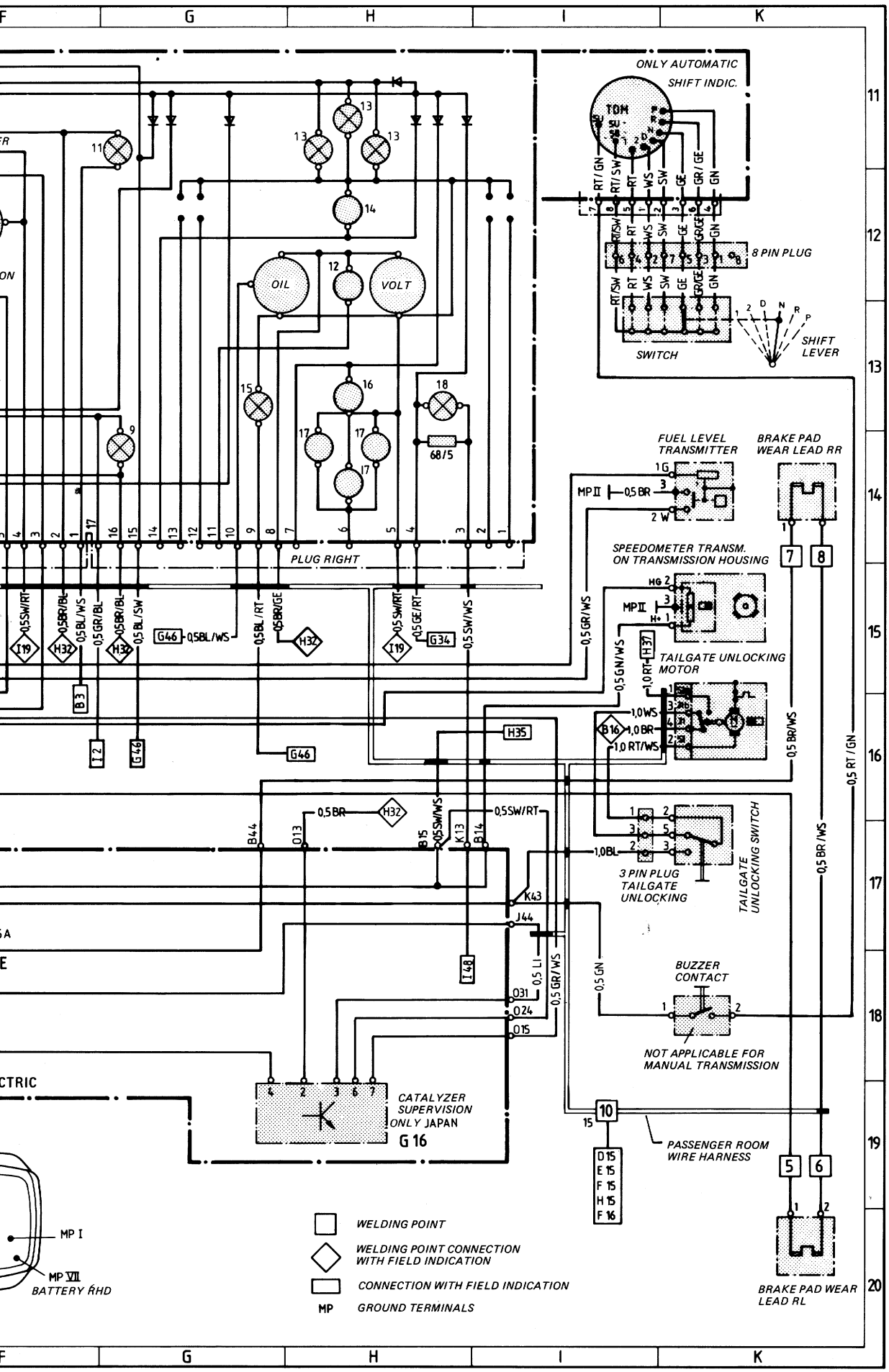


INDICATOR LIGHTS	
1	SIDE MARKER LIGHT
2	PARKING BRAKE
3	SEAT BELT
4	TEMP. WARNING
5	BRAKE PAD
6	TRAILER TURN SIGNAL
7	EX
8	FUEL WARNING
9	INSTRUMENT CLUSTER
10	TURN SIGNAL
11	HIGH BEAM
12	
13	BRAKE FLUID
14	
15	OIL PRESSURE
16	
17	
18	CHARGE CONTROL
19	CENTRAL WARN. LIGHT

ADDITIONAL ELECTRIC IN INSTRUMENT CLUSTER	
1	BRAKE PAD WEAR LEAD R
2	BRAKE PAD WEAR LEAD F
3	KL 15
4	FUEL SENSOR
5	SEAT BELT WARNING
6	KL 31
7	BRAKE PAD WEAR LEAD
8	FUEL SENSOR
9	BRAKE FLUID
10	OIL WARNING
11	BRAKE FLUID

Printed in Germany - VIII, 1986

SW = BLACK WS = WHITE RT = RED GN = GREEN GE = YELLOW GR = GREY


ONLY AUTOMATIC SHIFT INDIC.
TDM
8 PIN PLUG
SWITCH
SHIFT LEVER
OIL
VOLT
68/5
PLUG RIGHT
FUEL LEVEL TRANSMITTER
BRAKE PAD WEAR LEAD RR
SPEEDOMETER TRANSM. ON TRANSMISSION HOUSING
TAILGATE UNLOCKING MOTOR
3 PIN PLUG TAILGATE UNLOCKING
TAILGATE UNLOCKING SWITCH
BUZZER CONTACT
NOT APPLICABLE FOR MANUAL TRANSMISSION
CATALYZER SUPERVISION ONLY JAPAN
G 16
PASSENGER ROOM WIRE HARNESS
BRAKE PAD WEAR LEAD RL
MP I
MP VII
BATTERY RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 4

INSTRUMENT CLUSTER AND SENSORS
USA/SA

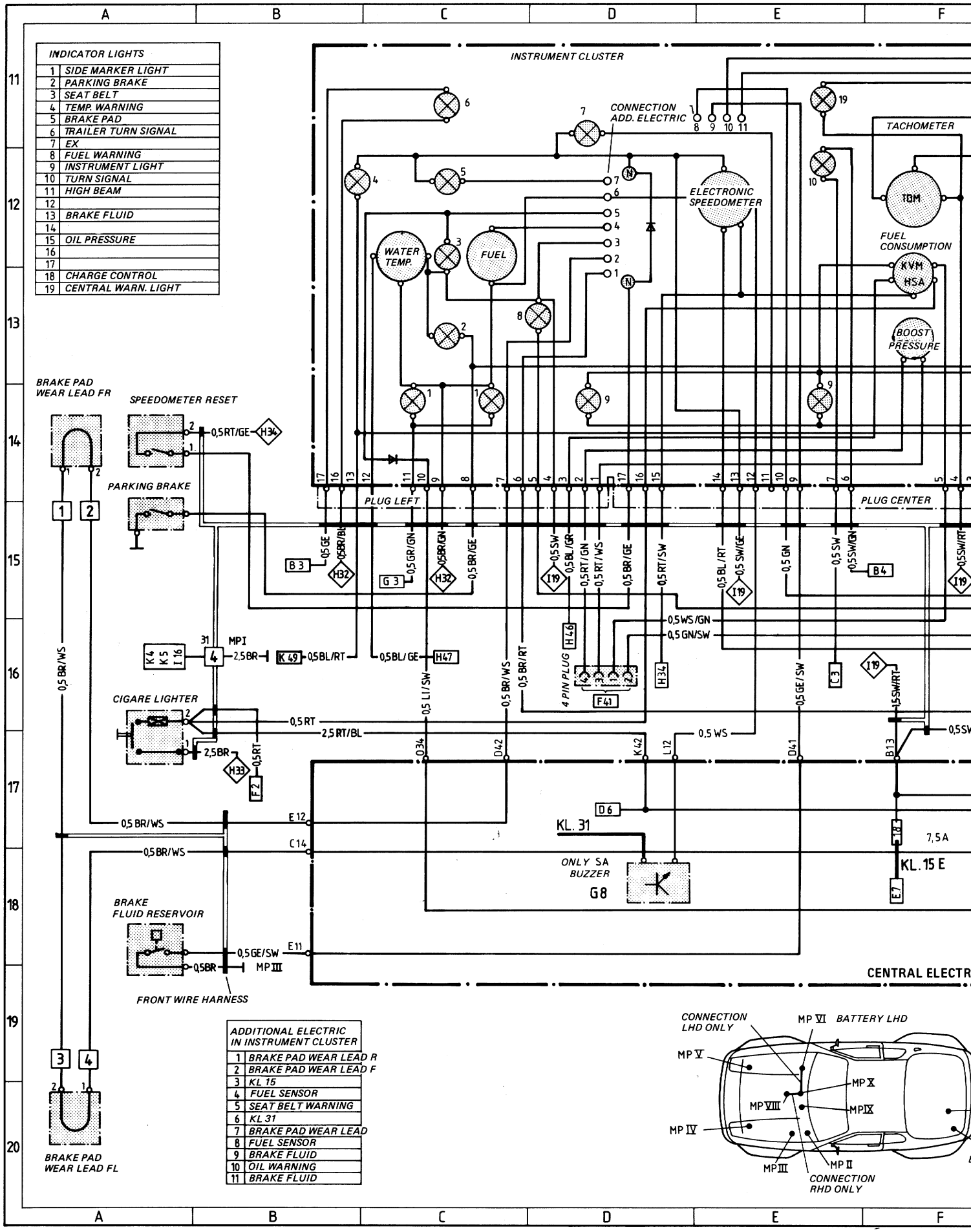
Attention!

Only for vehicles up to vehicle identification No.

94 FN 401638	**94 FN 451912**
95 FN 100122	**95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 4

INSTRUMENT CLUSTER AND SENSORS USA/SA

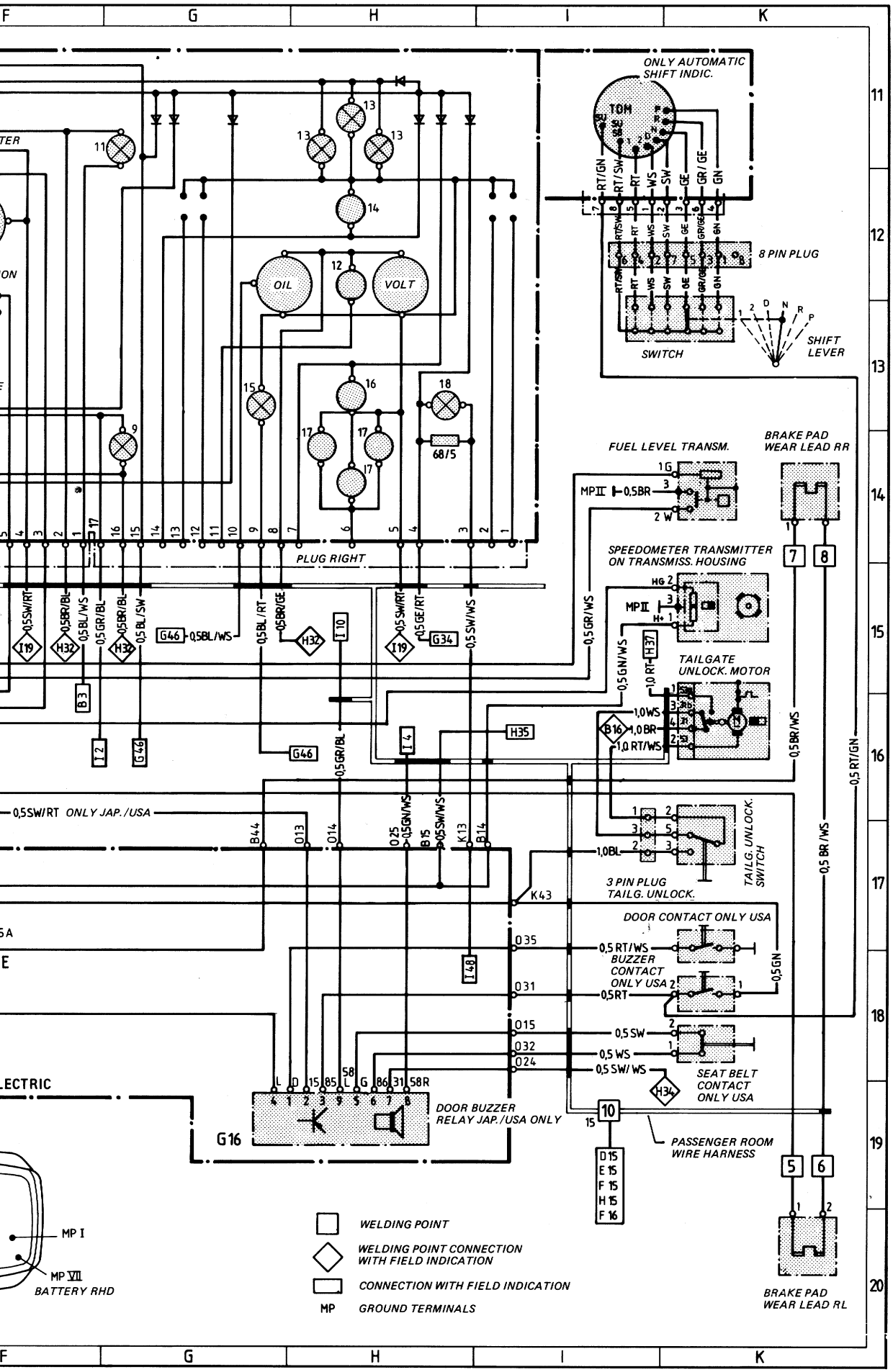


INDICATOR LIGHTS	
1	SIDE MARKER LIGHT
2	PARKING BRAKE
3	SEAT BELT
4	TEMP. WARNING
5	BRAKE PAD
6	TRAILER TURN SIGNAL
7	EX
8	FUEL WARNING
9	INSTRUMENT LIGHT
10	TURN SIGNAL
11	HIGH BEAM
12	
13	BRAKE FLUID
14	
15	OIL PRESSURE
16	
17	
18	CHARGE CONTROL
19	CENTRAL WARN. LIGHT

ADDITIONAL ELECTRIC IN INSTRUMENT CLUSTER	
1	BRAKE PAD WEAR LEAD R
2	BRAKE PAD WEAR LEAD F
3	KL 15
4	FUEL SENSOR
5	SEAT BELT WARNING
6	KL 31
7	BRAKE PAD WEAR LEAD
8	FUEL SENSOR
9	BRAKE FLUID
10	OIL WARNING
11	BRAKE FLUID

Printed in Germany - VIII, 1986

SW = BLACK WS = WHITE RT = RED GN = GREEN GE = YELLOW GR = GREY


ONLY AUTOMATIC SHIFT INDIC.
TOM
8 PIN PLUG
SWITCH
SHIFT LEVER
OIL
VOLT
68/5
PLUG RIGHT
FUEL LEVEL TRANSM.
BRAKE PAD WEAR LEAD RR
SPEEDOMETER TRANSMITTER ON TRANSMISS. HOUSING
TAILGATE UNLOCK. MOTOR
TAILG. UNLOCK. SWITCH
3 PIN PLUG TAILG. UNLOCK.
DOOR CONTACT ONLY USA
BUZZER CONTACT ONLY USA
SEAT BELT CONTACT ONLY USA
DOOR BUZZER RELAY JAP./USA ONLY
PASSENGER ROOM WIRE HARNESS
BRAKE PAD WEAR LEAD RL
0,5SW/RT ONLY JAP./USA
MP I
MP VII
BATTERY RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 5

HEATING, A/C, VENTILATION, ELECTR.
SEATS, WIPER AND WASHER SYSTEM

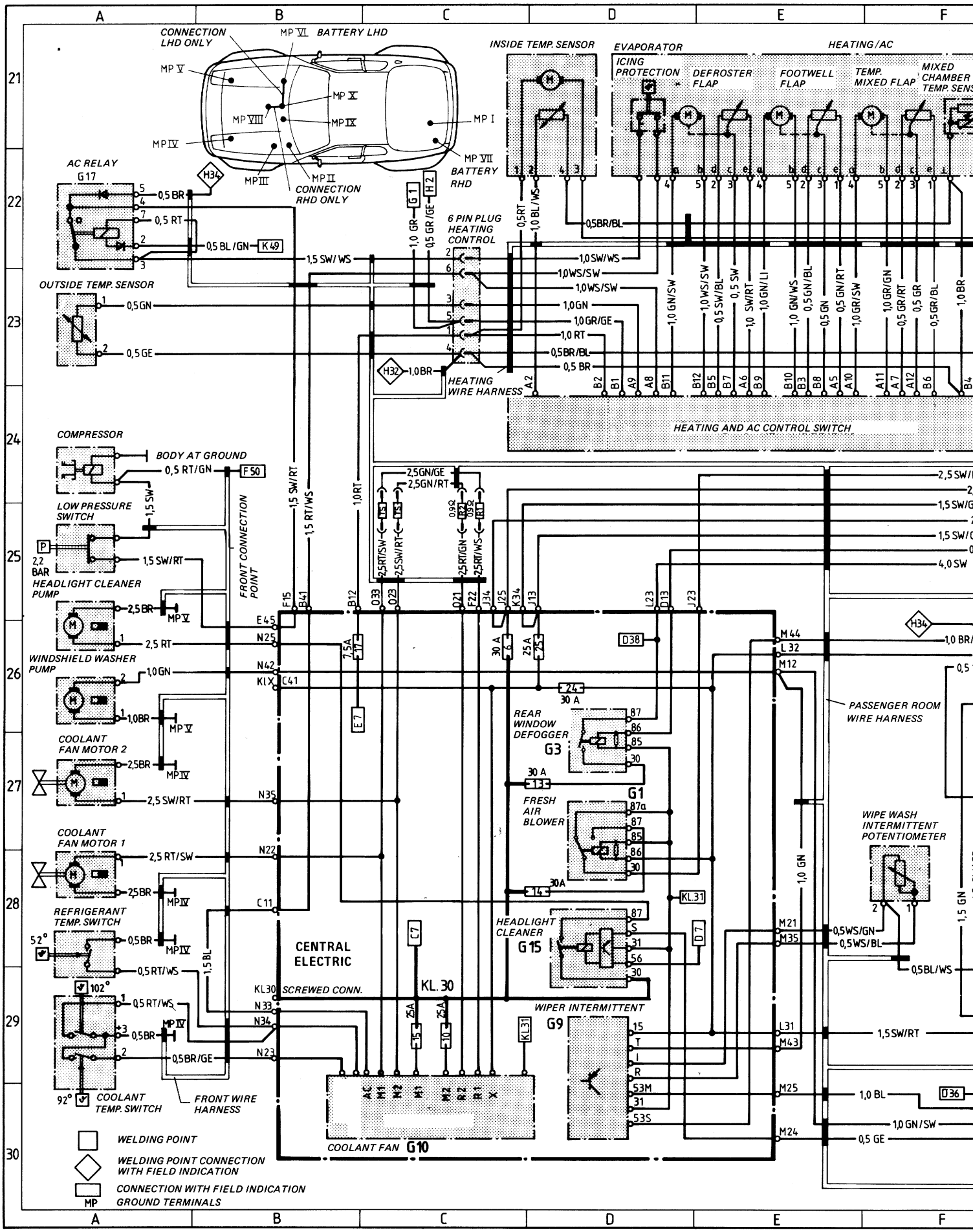
Attention!

Only for vehicles up to vehicle identification No.

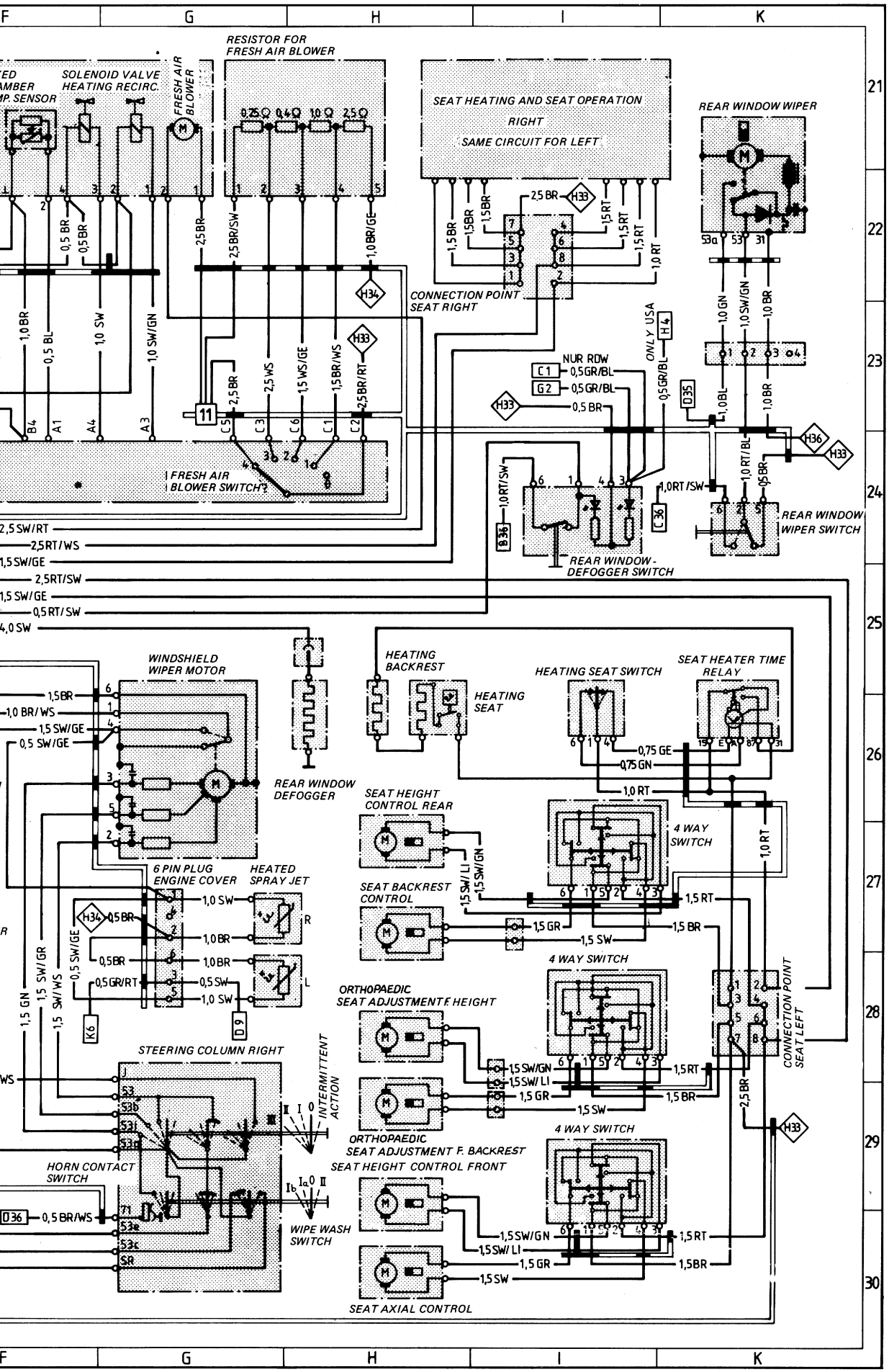
94 FN 40 1638	**94 FN 45 1912**
95 FN 10 0122	**95 FN 15 0106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 5

HEATING, A/C, VENTILATION, ELECTR. SEATS, WIPER AND WASHER SYSTEM



SW = BLACK WS = WHITE RT = RED GN = GREEN GE = YELLOW GR = GREY


F
G
H
I
K
21
22
23
24
25
26
27
28
29
30
RESISTOR FOR FRESH AIR BLOWER
SOLENOID VALVE HEATING RECIRC.
FRESH AIR BLOWER
SEAT HEATING AND SEAT OPERATION RIGHT SAME CIRCUIT FOR LEFT
REAR WINDOW WIPER
CONNECTION POINT SEAT RIGHT
ONLY USA
NUR RDW
FRESH AIR BLOWER SWITCH
REAR WINDOW WIPER SWITCH
REAR WINDOW-DEFOGGER SWITCH
WINDSHIELD WIPER MOTOR
REAR WINDOW DEFOGGER
HEATING BACKREST
HEATING SEAT
HEATING SEAT SWITCH
SEAT HEATER TIME RELAY
SEAT HEIGHT CONTROL REAR
4 WAY SWITCH
6 PIN PLUG ENGINE COVER
HEATED SPRAY JET
SEAT BACKREST CONTROL
ORTHOPAEDIC SEAT ADJUSTMENT F. HEIGHT
CONNECTION POINT SEAT LEFT
STEERING COLUMN RIGHT
INTERMITTENT ACTION
HORN CONTACT SWITCH
WIPE WASH SWITCH
ORTHOPAEDIC SEAT ADJUSTMENT F. BACKREST
SEAT HEIGHT CONTROL FRONT
SEAT AXIAL CONTROL

Wiring Diagram Type 944, 944 turbo Model 85/2 page 6

HORNS, MIRRORS, WINDOW LIFTERS,
ALARM SYSTEM, TILTING ROOF

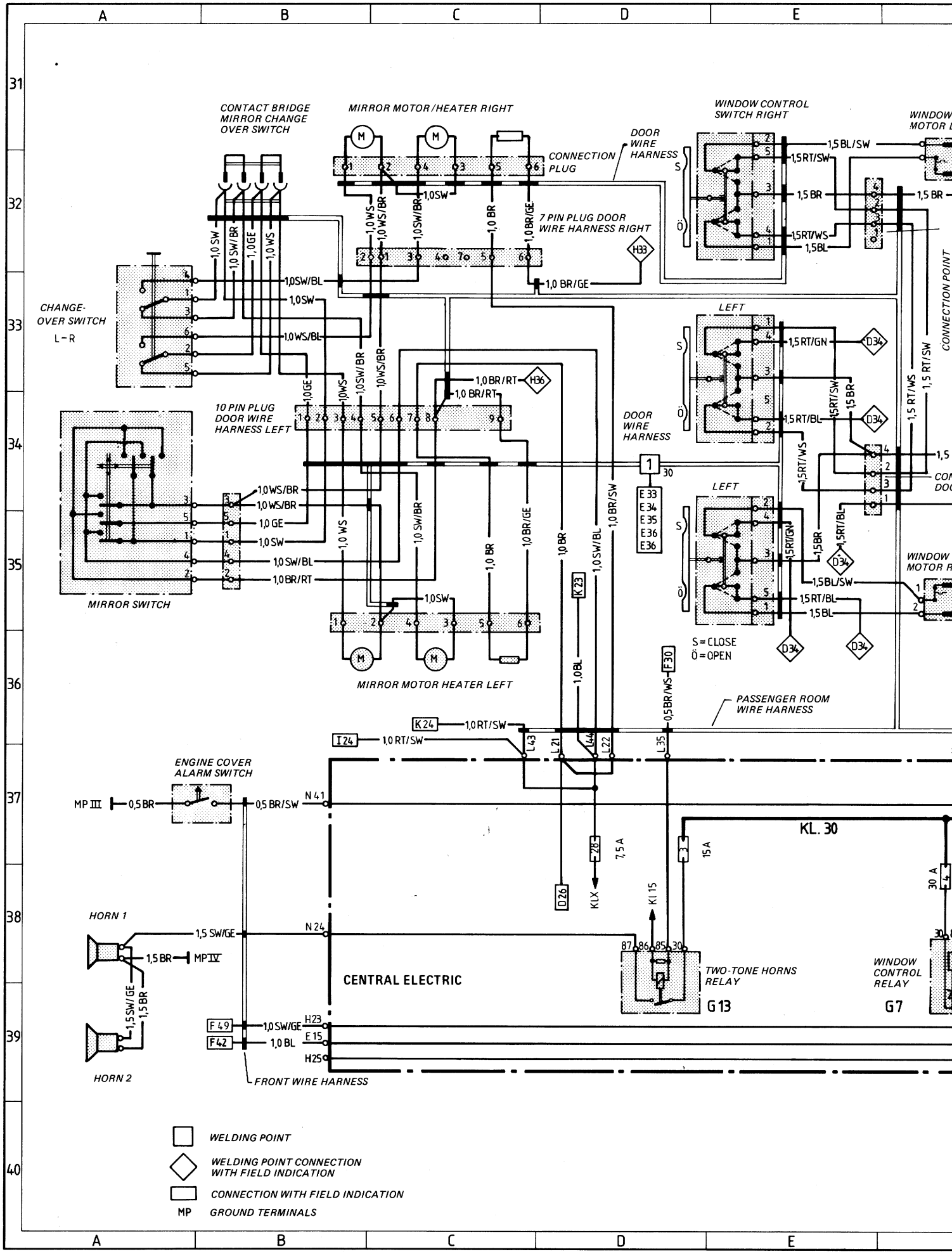
Attention!

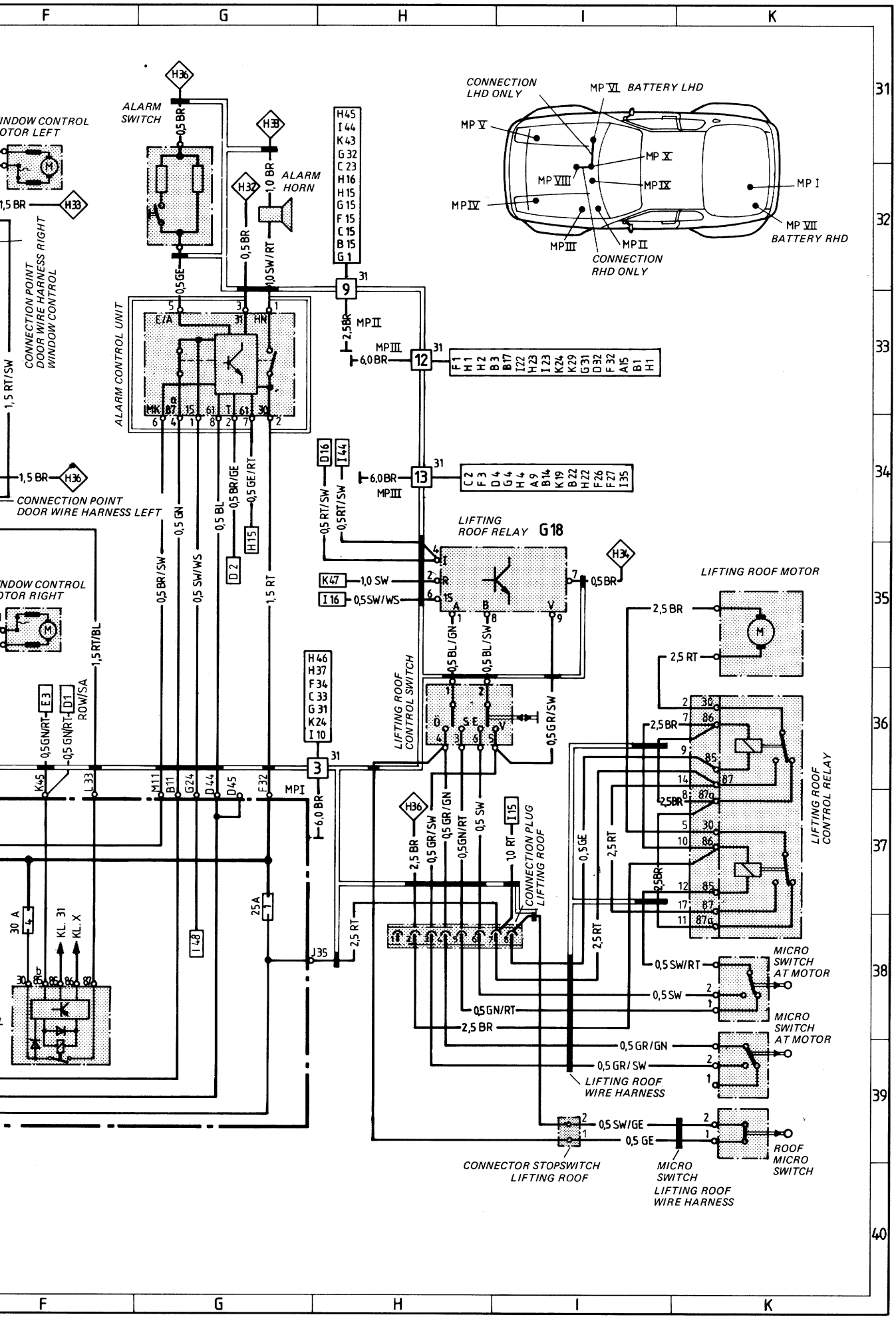
Only for vehicles up to vehicle identification No.

94 FN 401638	**94 FN 451912**
95 FN 100122	**95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 6

HORNS, MIRRORS, WINDOW LIFTERS, ALARM SYSTEM, TILTING ROOF




F
G
H
I
K
31
32
33
34
35
36
37
38
39
40
ALARM SWITCH
ALARM HORN
ALARM CONTROL UNIT
CONNECTION POINT DOOR WIRE HARNESS RIGHT WINDOW CONTROL
CONNECTION POINT DOOR WIRE HARNESS LEFT
CONNECTION LHD ONLY
BATTERY LHD
BATTERY RHD
CONNECTION RHD ONLY
LIFTING ROOF RELAY G18
LIFTING ROOF MOTOR
LIFTING ROOF CONTROL SWITCH
LIFTING ROOF CONTROL RELAY
CONNECTION PLUG LIFTING ROOF
MICRO SWITCH AT MOTOR
LIFTING ROOF WIRE HARNESS
CONNECTOR STOPSWITCH LIFTING ROOF
ROOF MICRO SWITCH
KL. 31
KL. X

Wiring Diagram Type 944, 944 turbo Model 85/2 page 7

ENGINE COMPARTMENT

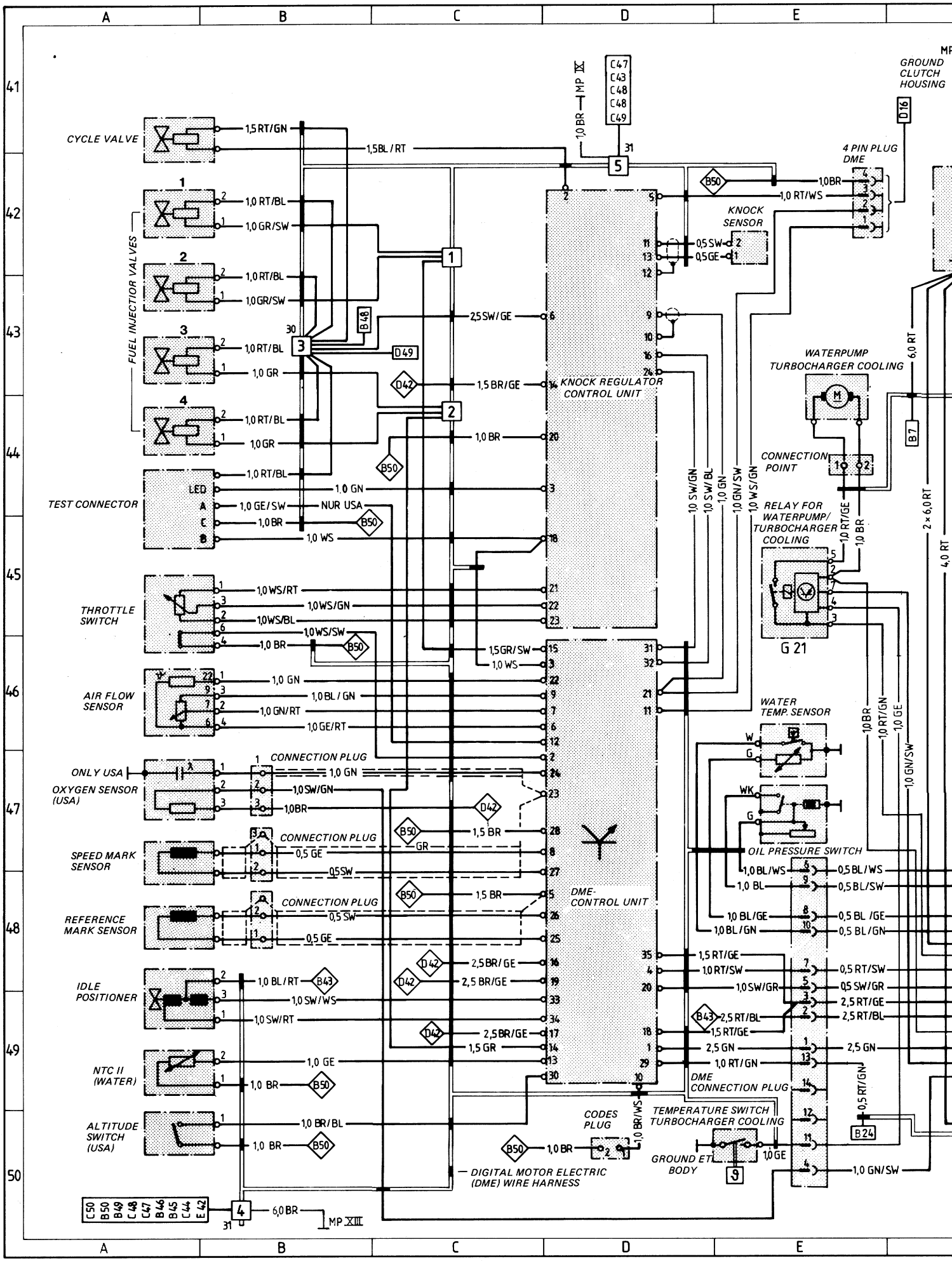
Attention!

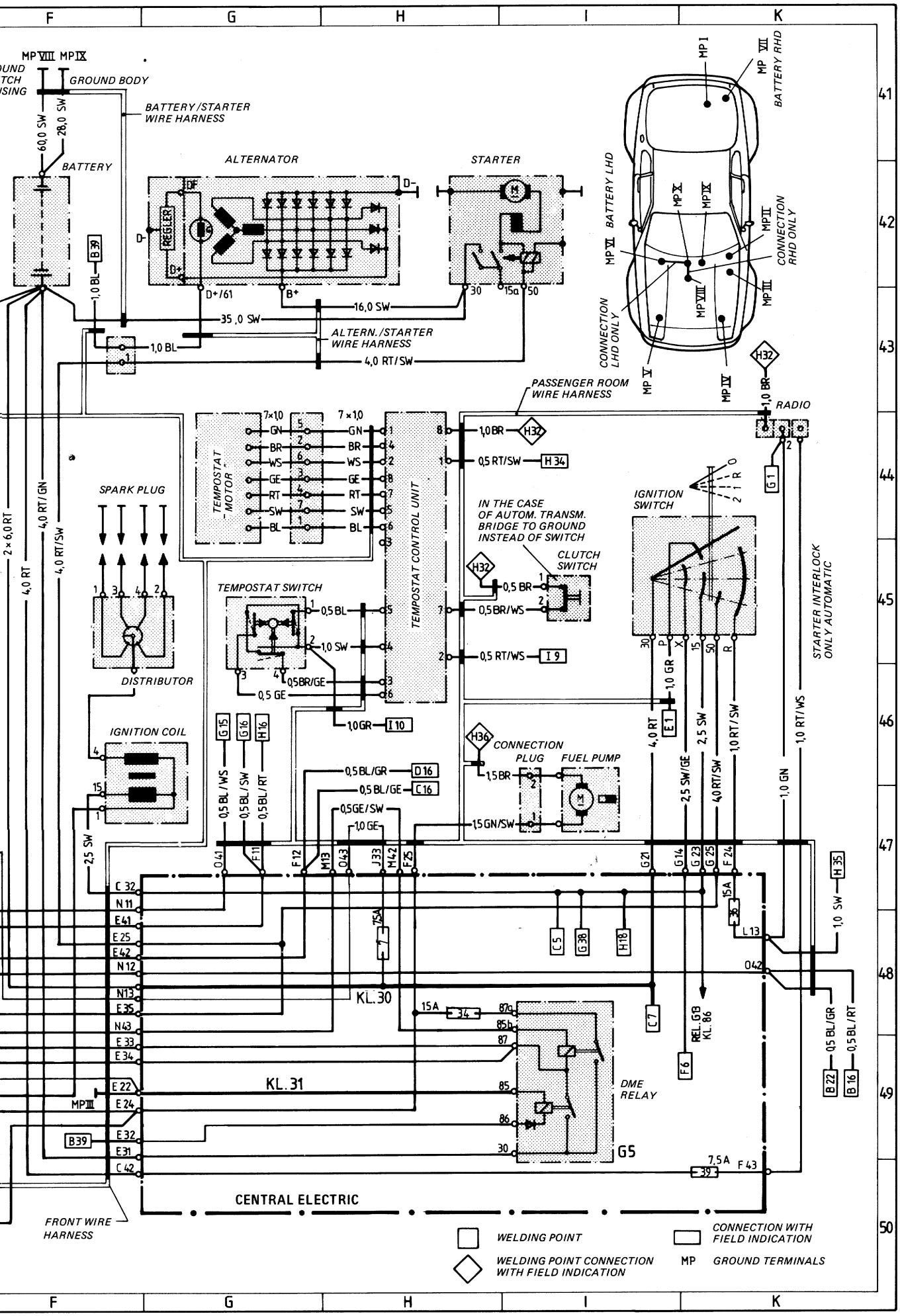
Only for vehicles up to vehicle identification No.

94 FN 40 1638	**94 FN 45 1912**
95 FN 10 0122	**95 FN 15 0106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 1

ENGINE COMPARTMENT




F
G
H
I
K
41
42
43
44
45
46
47
48
49
50
MP VIII MP IX
GROUND BODY
BATTERY/STARTER WIRE HARNESS
60,0 SW
28,0 SW
BATTERY
B 39
1,0 BL
ALTERNATOR
REGLER
D-
D+
DF
D+/61
B+
STARTER
30
15a
50
16,0 SW
35,0 SW
ALTERN./STARTER WIRE HARNESS
1,0 BL
4,0 RT/SW
MP I
MP VII
BATTERY RHD
BATTERY LHD
MP X
MP IX
MP II
CONNECTION RHD ONLY
MP VI
MP VIII
MP III
CONNECTION LHD ONLY
MP V
MP IV
H32
1,0 BR
PASSENGER ROOM WIRE HARNESS
RADIO
G 1
TEMPOSTAT MOTOR
7×1,0
GN
BR
WS
GE
RT
SW
BL
TEMPOSTAT CONTROL UNIT
1,0 BR
0,5 RT/SW
H 34
SPARK PLUG
2×6,0 RT
4,0 RT
4,0 RT/GN
4,0 RT/SW
DISTRIBUTOR
IN THE CASE OF AUTOM. TRANSM. BRIDGE TO GROUND INSTEAD OF SWITCH
CLUTCH SWITCH
0,5 BR
0,5 BR/WS
0,5 RT/WS
I 9
IGNITION SWITCH
STARTER INTERLOCK ONLY AUTOMATIC
TEMPOSTAT SWITCH
0,5 BL
1,0 SW
0,5 BR/GE
0,5 GE
1,0 GR
I 10
IGNITION COIL
G 15
G 16
H 16
H36
CONNECTION PLUG
FUEL PUMP
1,5 BR
1,5 GN/SW
0,5 BL/GR
D 16
0,5 BL/GE
C 16
0,5 GE/SW
1,0 GE
0,5 BL/WS
0,5 BL/SW
0,5 BL/RT
2,5 SW
4,0 RT
E 1
2,5 SW
2,5 SW/GE
4,0 RT/SW
1,0 RT/SW
1,0 GN
1,0 RT/WS
H 35
1,0 SW
15A
36
L 13
O 41
F 11
F 12
M 13
O 43
J 33
M 42
F 25
G 21
G 14
G 23
G 25
F 24
C 32
N 11
E 41
E 25
E 42
N 12
N 13
E 35
N 43
E 33
E 34
E 22
E 24
E 32
E 31
C 42
MP III
B39
75A
7
C 5
G 38
H 18
O 42
KL. 30
15A
34
87a
85b
87
85
86
30
DME RELAY
G5
C 7
REL. GB KL. 86
F 6
0,5 BL/GR
0,5 BL/RT
B 22
B 16
KL. 31
7,5 A
39
F 43
CENTRAL ELECTRIC
FRONT WIRE HARNESS
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 8

CENTRAL-ELECTRICS BOX

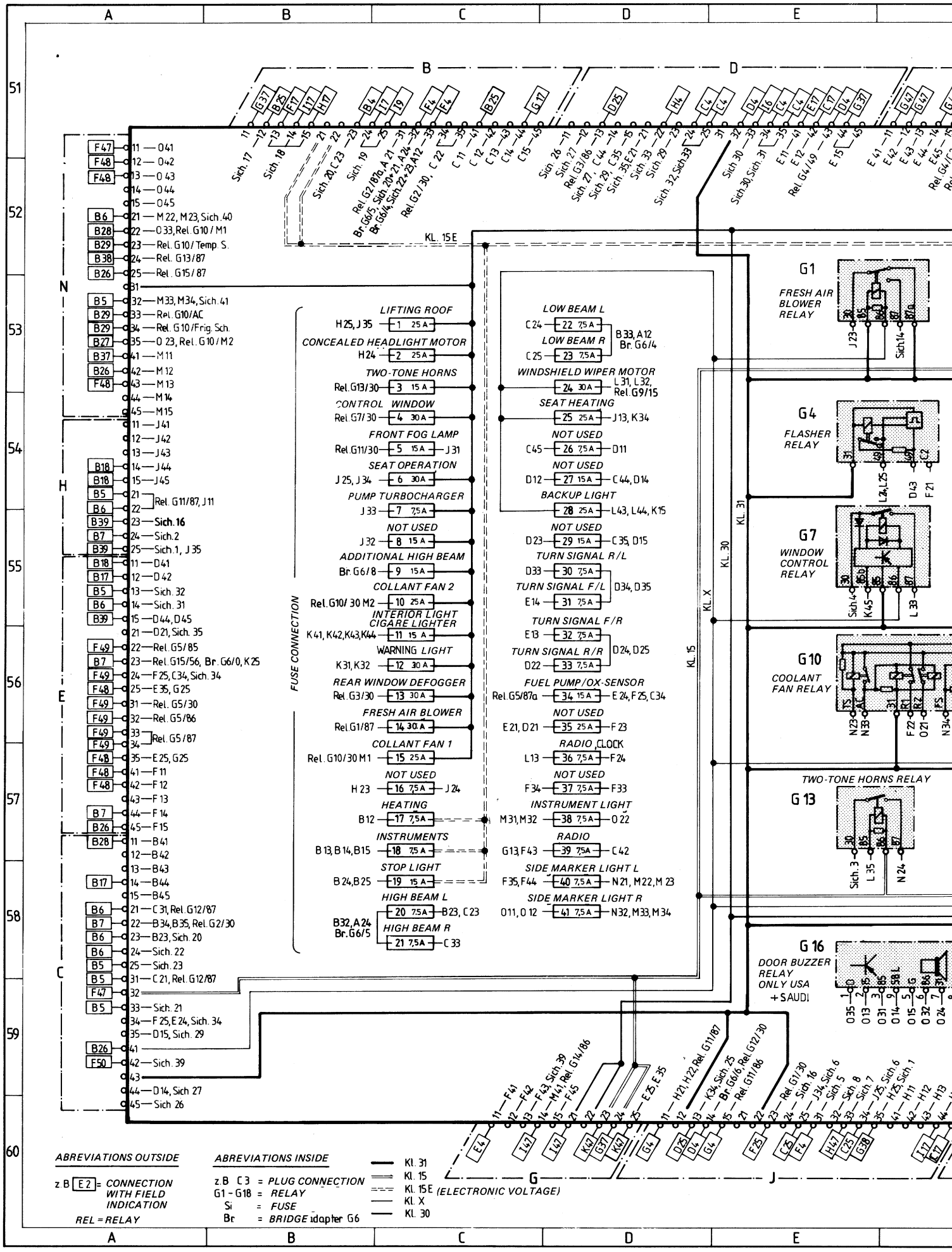
Attention!

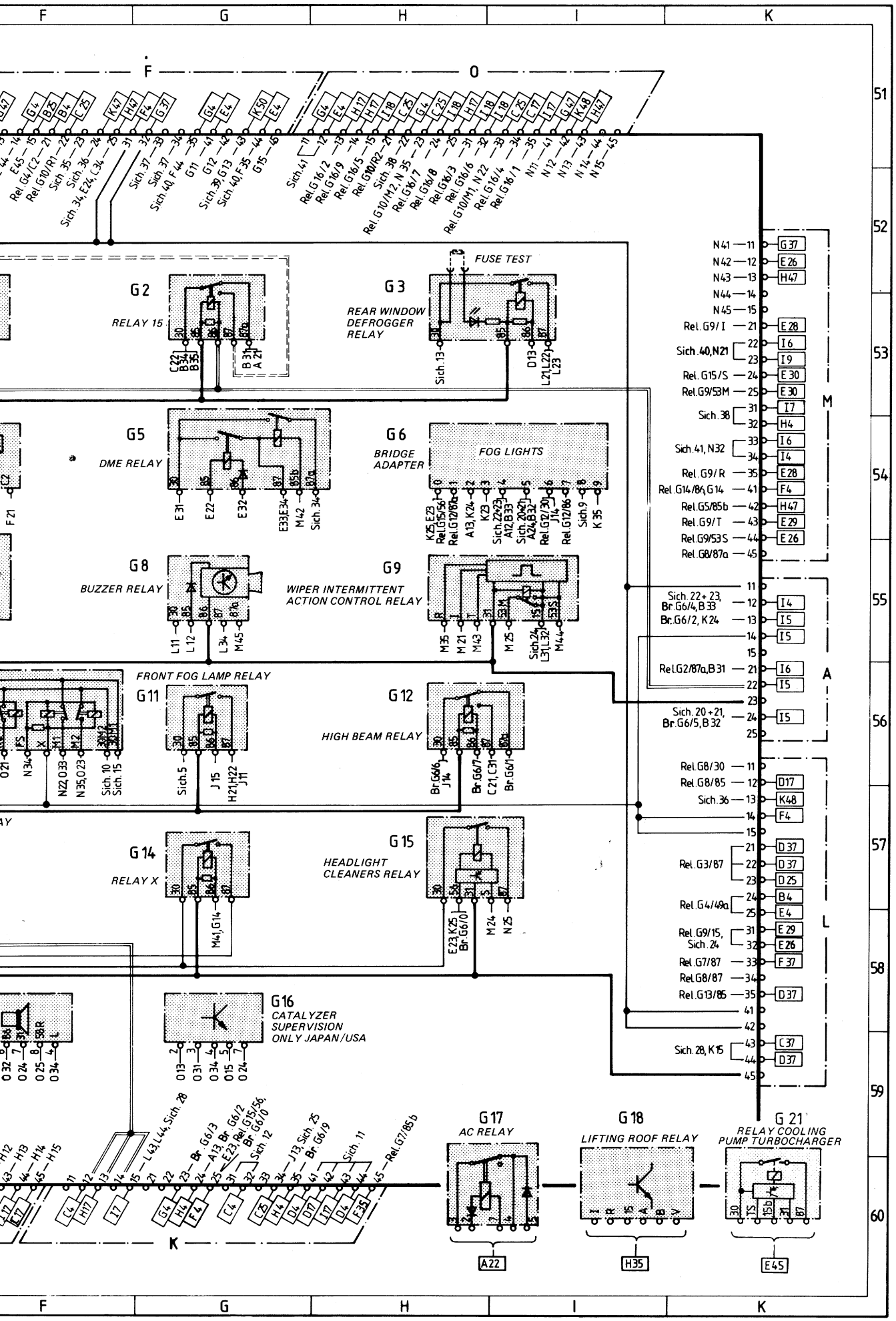
Only for vehicles up to vehicle identification No.

94 FN 401638	**94 FN 451912**
95 FN 100122	**95 FN 150106**

Wiring Diagram Type 944, 944 turbo Model 85/2 page 8

CENTRAL-ELECTRICS BOX




F
G
H
I
K
51
52
53
54
55
56
57
58
59
60
G2
RELAY 15
G3
FUSE TEST
REAR WINDOW DEFROGGER RELAY
G5
DME RELAY
G6
BRIDGE ADAPTER
FOG LIGHTS
G8
BUZZER RELAY
G9
WIPER INTERMITTENT ACTION CONTROL RELAY
FRONT FOG LAMP RELAY
G11
G12
HIGH BEAM RELAY
G14
RELAY X
G15
HEADLIGHT CLEANERS RELAY
G16
CATALYZER SUPERVISION ONLY JAPAN/USA
G17
AC RELAY
G18
LIFTING ROOF RELAY
G21
RELAY COOLING PUMP TURBOCHARGER
A22
H35
E45
M
A
L
K

Wiring Diagram Type 944, 944 turbo Model 85/2

Wiring Diagram Type 944, 944 turbo Model 85/2

The 944, 85/2 model, is being accompanied by a new generation of wiring diagrams.

The wiring diagram consists of eight individual wiring diagrams. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dash-dotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 20-pin connectors on the central-electrics box are new. They are clipped together out of 5 parts.

Part 1, with the moulded-on fastening lug, is the "starting element".

Parts 2, 3 and 4 are "module elements".

Parts 1 to 4 are identified by the numbers 1 . . . . . 5.

Part 5 is a "coding element".

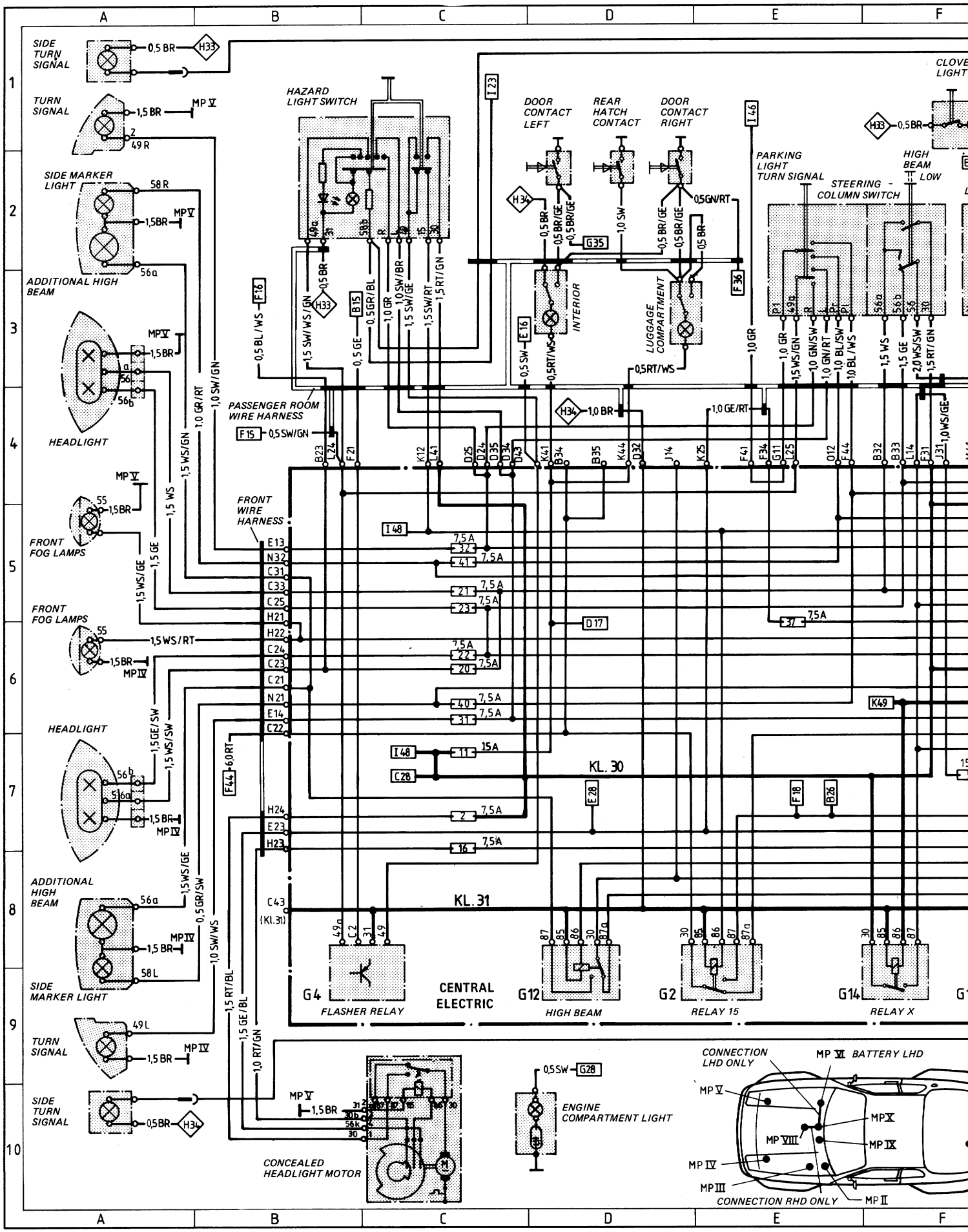
The designations of the plug connections in the wiring diagram of the central-electrics box refer to the "starting element" from, for example, B 11 . . . . . 15, and to the first module element from B 21 . . . . . 25.

Wiring Diagram Type 944, 944 turbo Model 85/2 page 1

LIGHTING ROW/SA

Wiring Diagram Type 944, 944 turbo Model 85/2 page 1

LIGHTING ROW/SA



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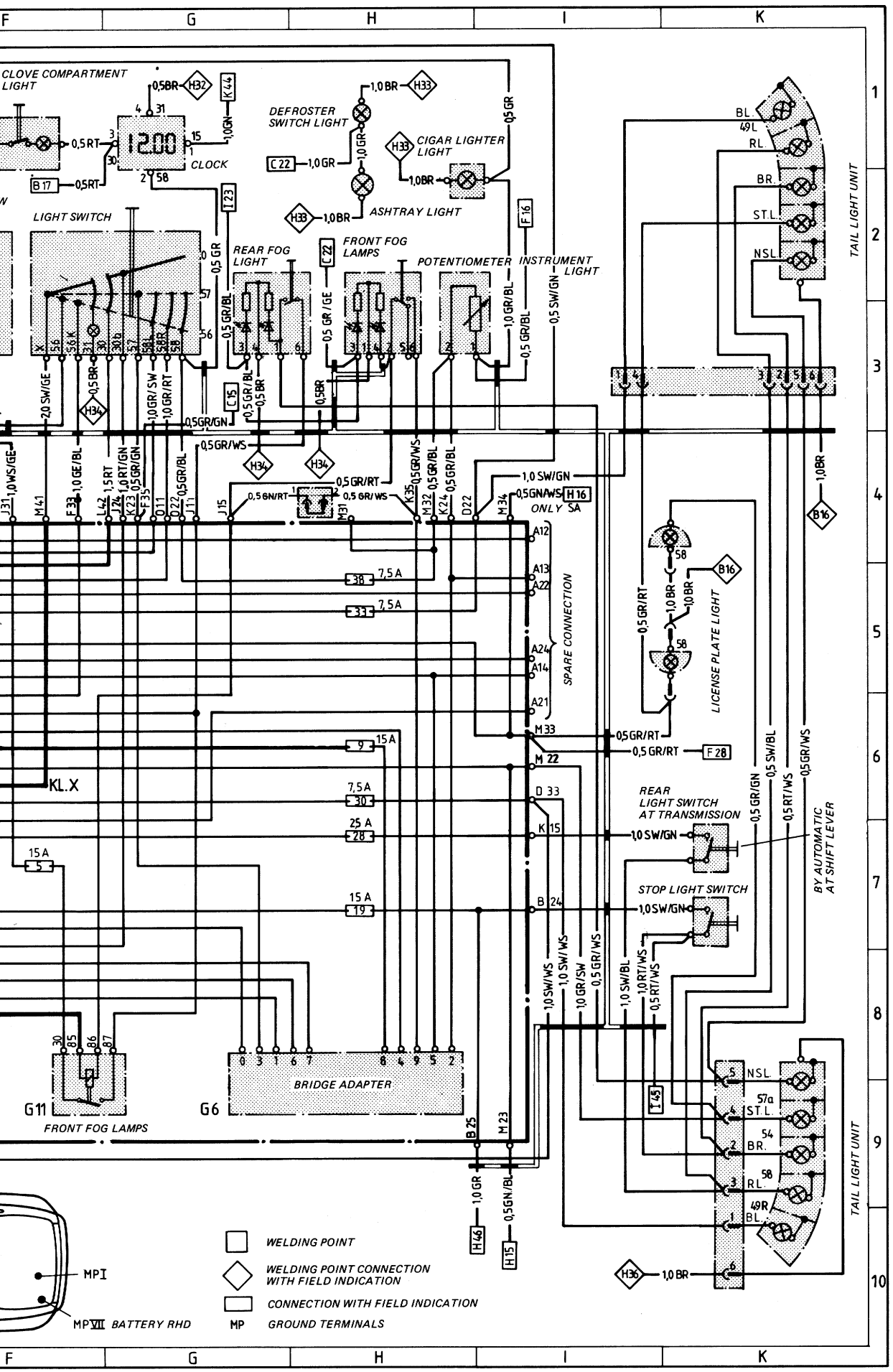
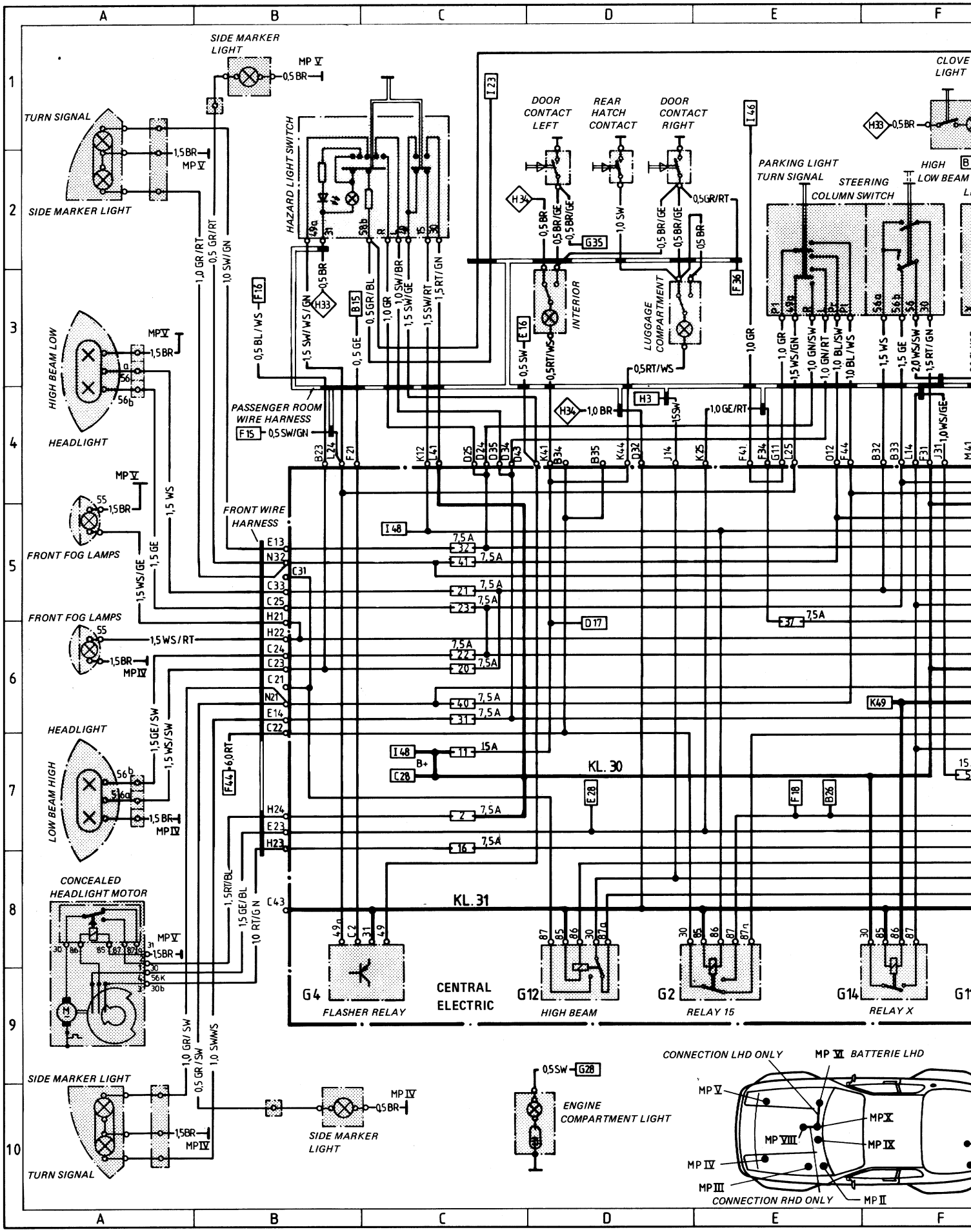

CLOVE COMPARTMENT LIGHT
CLOCK
LIGHT SWITCH
DEFROSTER SWITCH LIGHT
CIGAR LIGHTER LIGHT
ASHTRAY LIGHT
REAR FOG LIGHT
FRONT FOG LAMPS
POTENTIOMETER
INSTRUMENT LIGHT
TAIL LIGHT UNIT
SPARE CONNECTION
LICENSE PLATE LIGHT
ONLY SA
REAR LIGHT SWITCH AT TRANSMISSION
STOP LIGHT SWITCH
BY AUTOMATIC AT SHIFT LEVER
BRIDGE ADAPTER
FRONT FOG LAMPS
KL.X
MPI
MPVII BATTERY RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 2

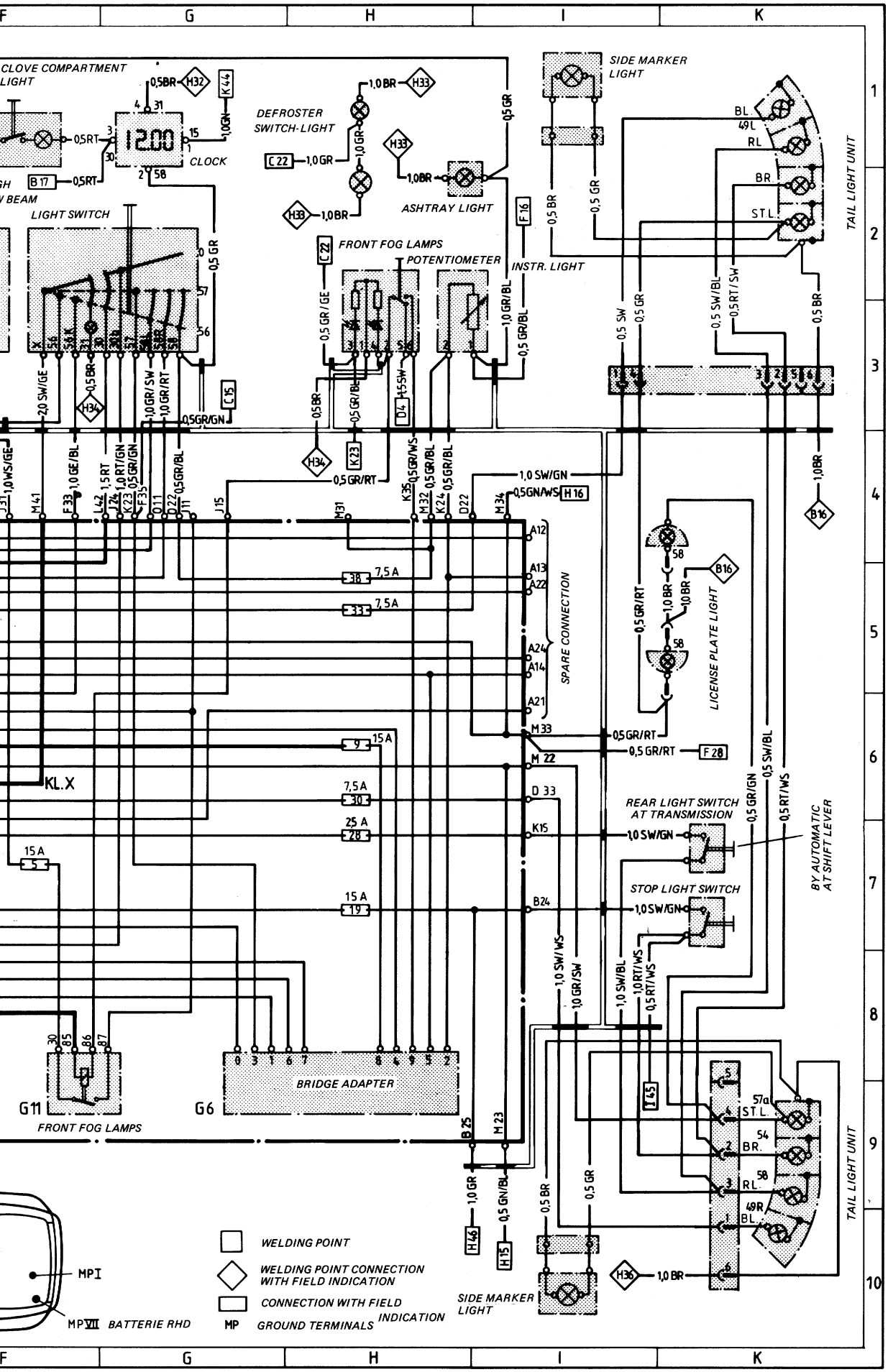
LIGHTING USA

Wiring Diagram Type 944, 944 turbo Model 85/2 page 2

LIGHTING USA



SW = BLACK WS = WHITE RT = RED GN = GREEN GE = YELLOW GR = GREY


F G H I K
CLOVE COMPARTMENT LIGHT
CLOCK
DEFROSTER SWITCH-LIGHT
ASHTRAY LIGHT
SIDE MARKER LIGHT
TAIL LIGHT UNIT
LIGHT SWITCH
FRONT FOG LAMPS
POTENTIOMETER
INSTR. LIGHT
SPARE CONNECTION
LICENSE PLATE LIGHT
REAR LIGHT SWITCH AT TRANSMISSION
STOP LIGHT SWITCH
BY AUTOMATIC AT SHIFT LEVER
BRIDGE ADAPTER
FRONT FOG LAMPS
KL.X
G11
G6
MPI
MPVII BATTERIE RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
SIDE MARKER LIGHT

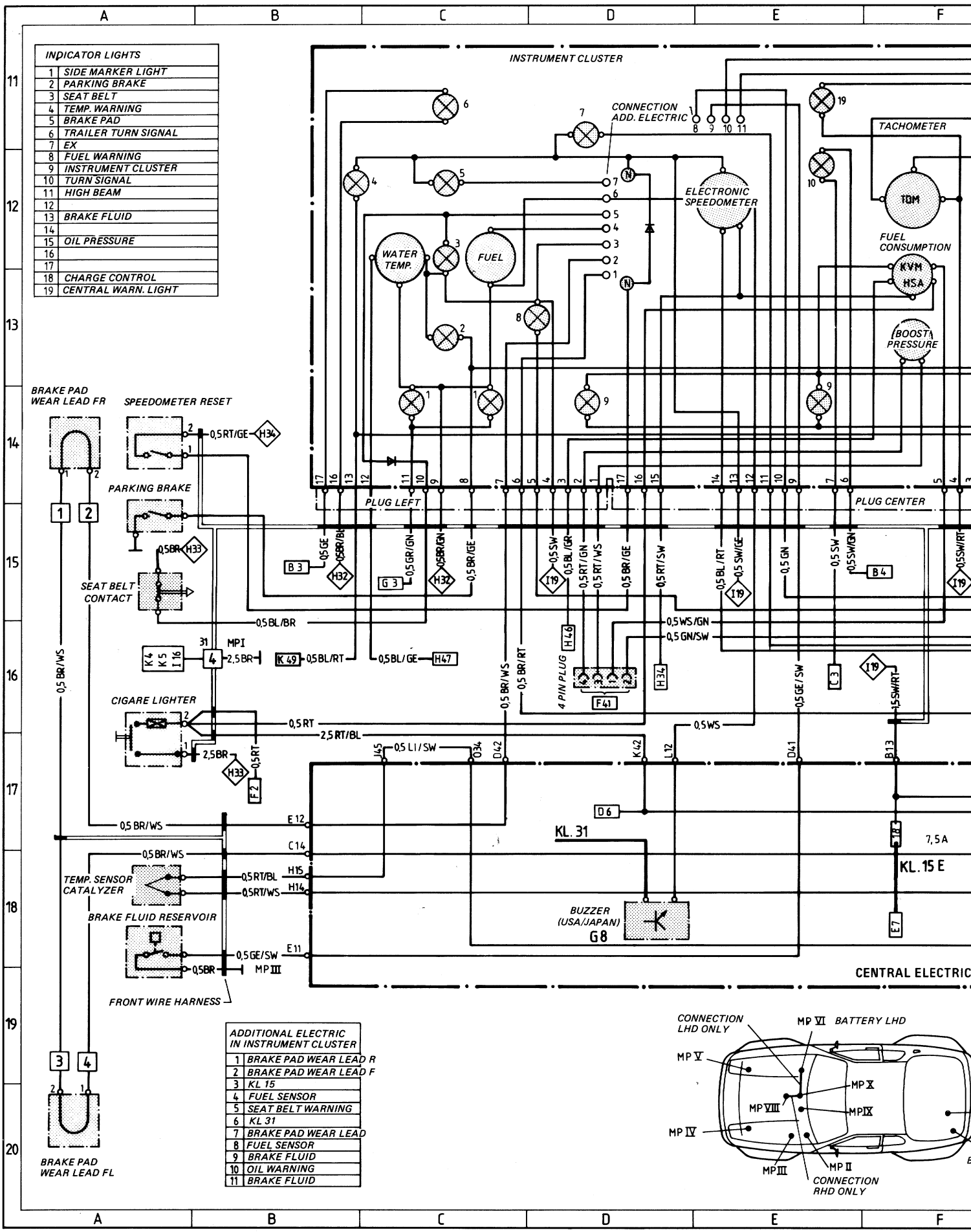
Wiring Diagram Type 944, 944 turbo Model 85/2 page 3

INSTRUMENT CLUSTER AND SENSORS

ROW

Wiring Diagram Type 944, 944 turbo Model 85/2 page 3

INSTRUMENT CLUSTER AND SENSORS ROW

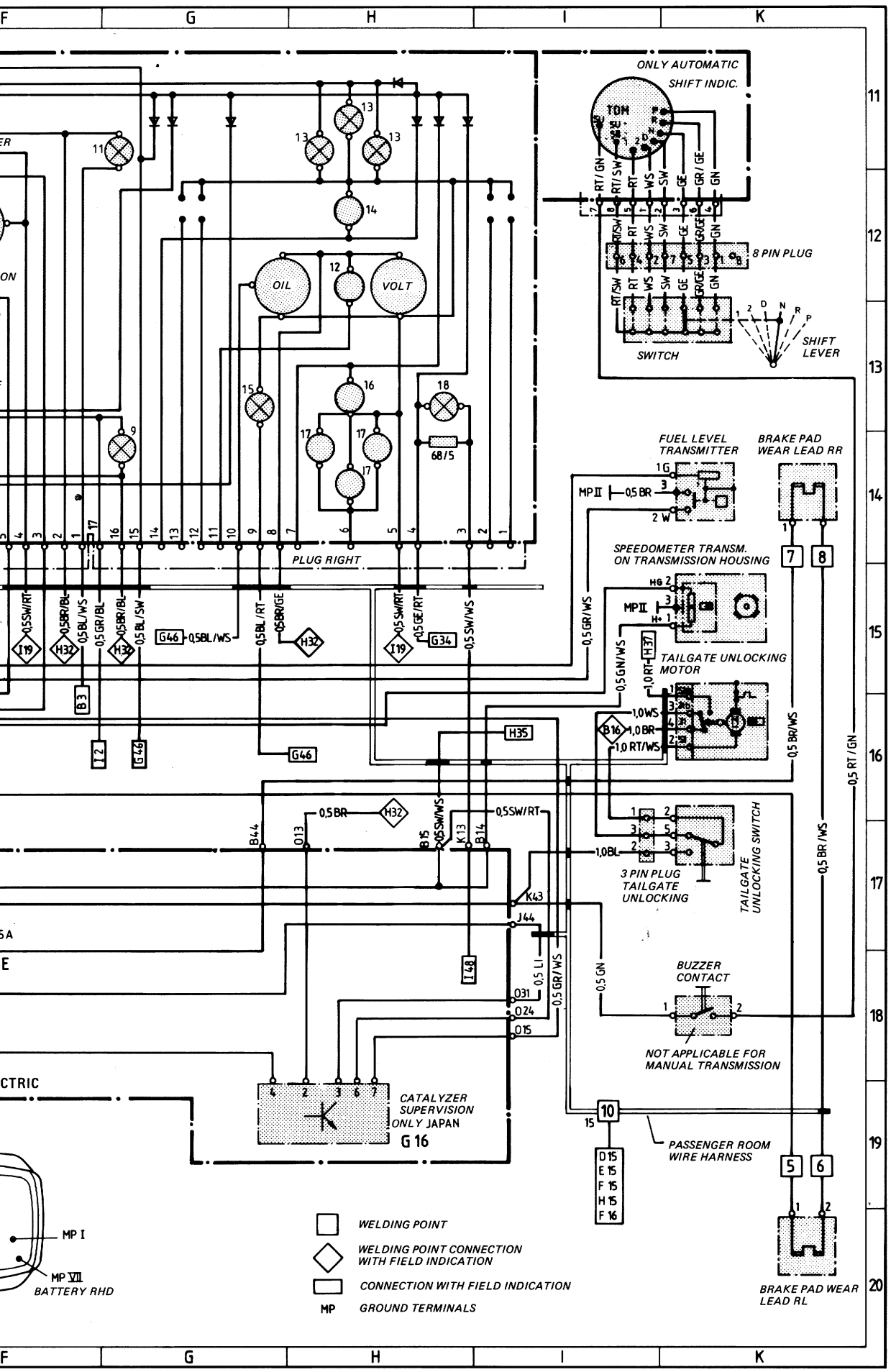


INDICATOR LIGHTS	
1	SIDE MARKER LIGHT
2	PARKING BRAKE
3	SEAT BELT
4	TEMP. WARNING
5	BRAKE PAD
6	TRAILER TURN SIGNAL
7	EX
8	FUEL WARNING
9	INSTRUMENT CLUSTER
10	TURN SIGNAL
11	HIGH BEAM
12	
13	BRAKE FLUID
14	
15	OIL PRESSURE
16	
17	
18	CHARGE CONTROL
19	CENTRAL WARN. LIGHT

ADDITIONAL ELECTRIC IN INSTRUMENT CLUSTER	
1	BRAKE PAD WEAR LEAD R
2	BRAKE PAD WEAR LEAD F
3	KL 15
4	FUEL SENSOR
5	SEAT BELT WARNING
6	KL 31
7	BRAKE PAD WEAR LEAD
8	FUEL SENSOR
9	BRAKE FLUID
10	OIL WARNING
11	BRAKE FLUID

Printed in Germany - IV, 1985

SW = BLACK WS = WHITE RT = RED GN = GREEN GE = YELLOW GR = GREY

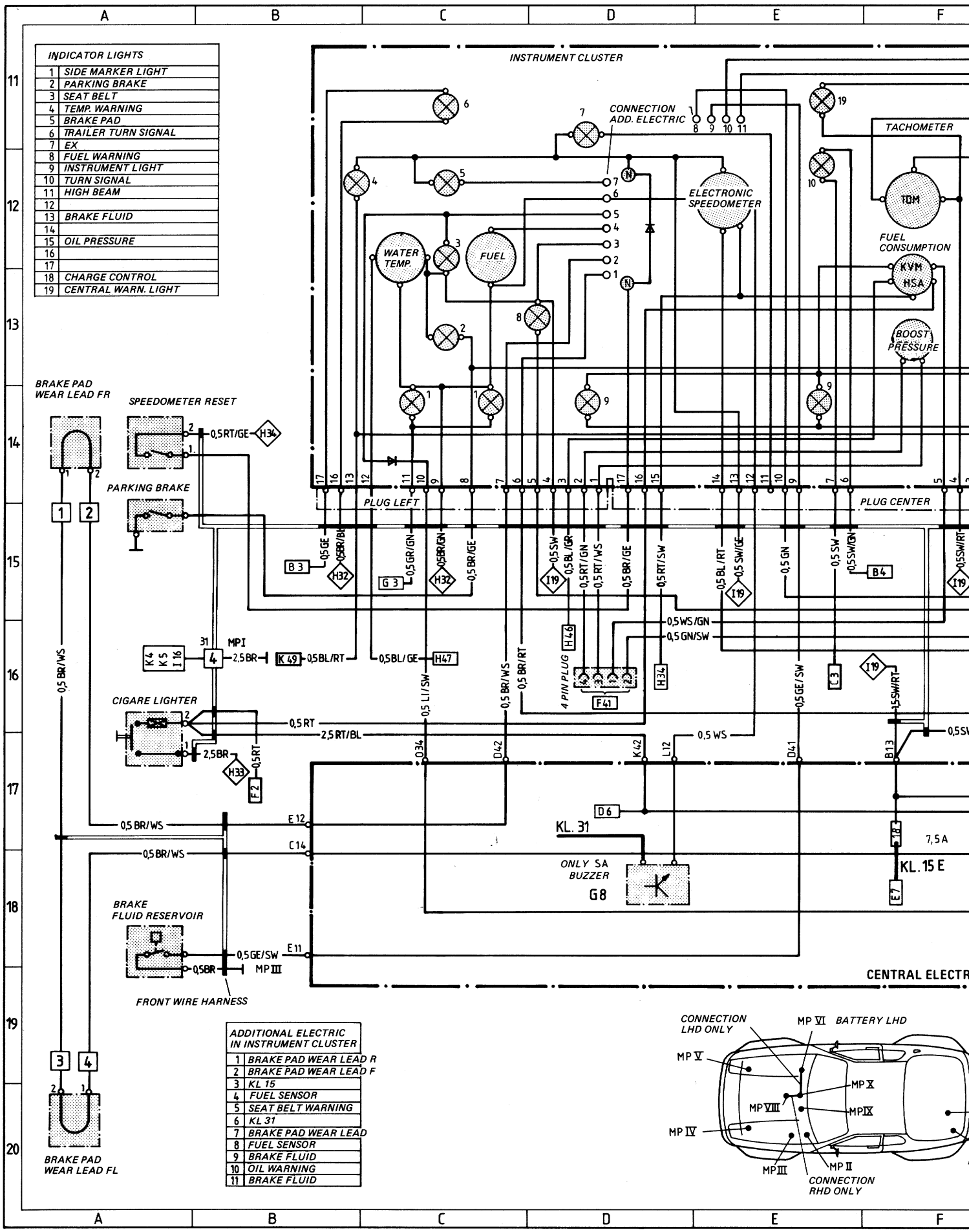

ONLY AUTOMATIC SHIFT INDIC.
TOM
8 PIN PLUG
SWITCH
SHIFT LEVER
OIL
VOLT
68/5
PLUG RIGHT
FUEL LEVEL TRANSMITTER
BRAKE PAD WEAR LEAD RR
SPEEDOMETER TRANSM. ON TRANSMISSION HOUSING
TAILGATE UNLOCKING MOTOR
3 PIN PLUG TAILGATE UNLOCKING
TAILGATE UNLOCKING SWITCH
BUZZER CONTACT
NOT APPLICABLE FOR MANUAL TRANSMISSION
CATALYZER SUPERVISION ONLY JAPAN
G 16
PASSENGER ROOM WIRE HARNESS
BRAKE PAD WEAR LEAD RL
MP I
MP VII
BATTERY RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 4

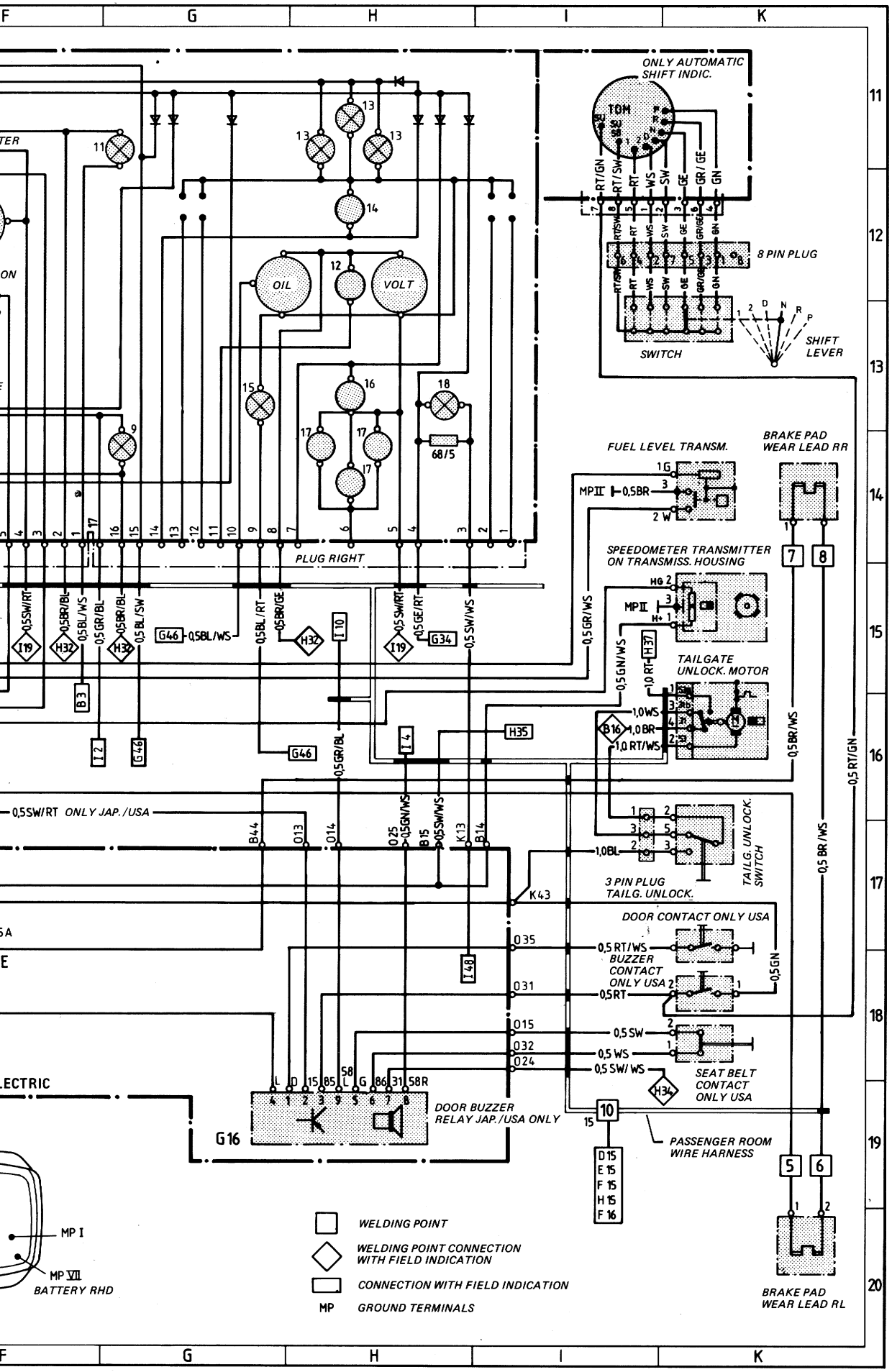
INSTRUMENT CLUSTER AND SENSORS
USA/SA

Wiring Diagram Type 944, 944 turbo Model 85/2 page 4

INSTRUMENT CLUSTER AND SENSORS USA/SA



SW = BLACK WS = WHITE RT = RED GN = GREEN GE = YELLOW GR = GREY

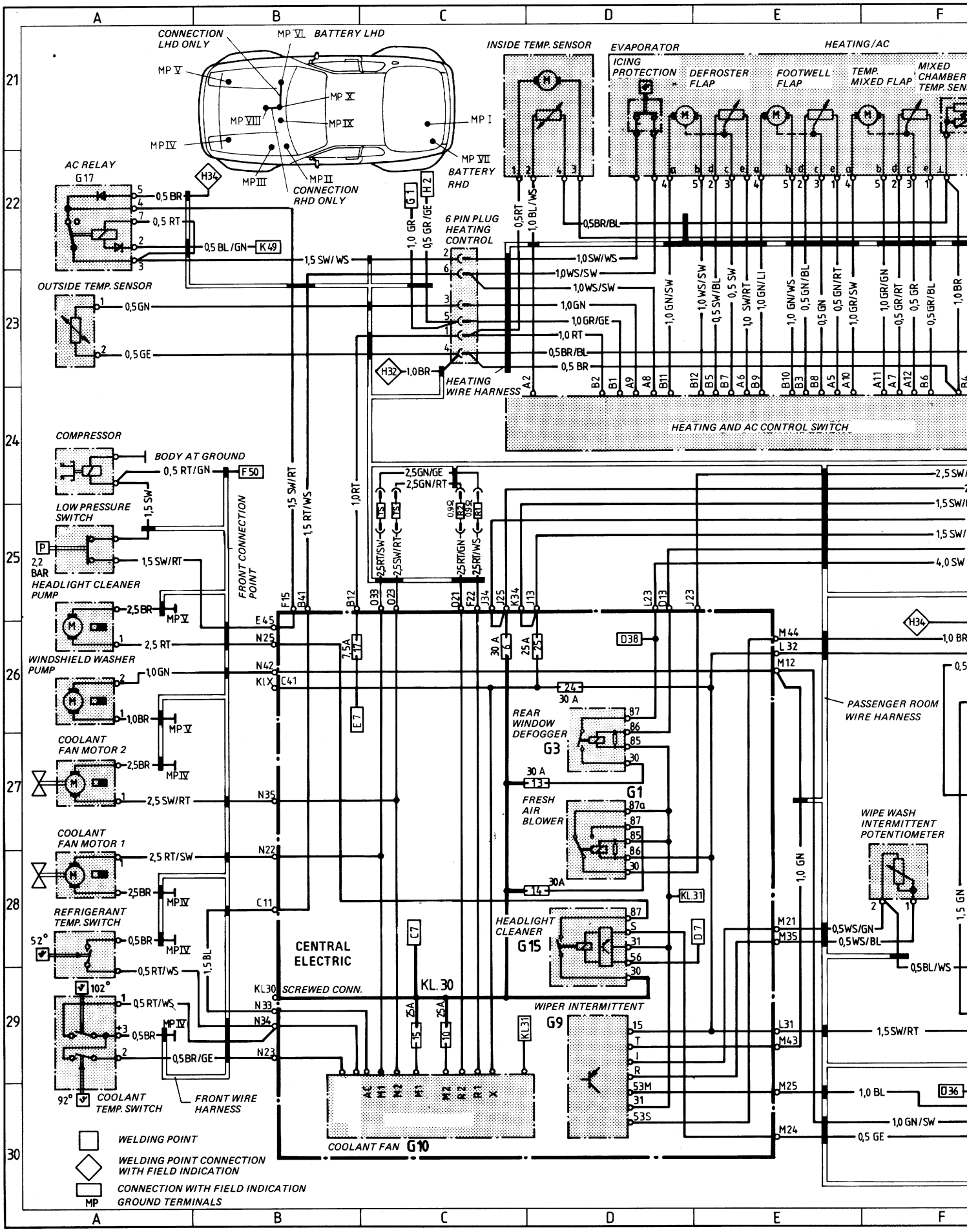

ONLY AUTOMATIC SHIFT INDIC.
8 PIN PLUG
SWITCH
SHIFT LEVER
OIL
VOLT
PLUG RIGHT
FUEL LEVEL TRANSM.
BRAKE PAD WEAR LEAD RR
SPEEDOMETER TRANSMITTER ON TRANSMISS. HOUSING
TAILGATE UNLOCK. MOTOR
TAILG. UNLOCK. SWITCH
3 PIN PLUG TAILG. UNLOCK.
DOOR CONTACT ONLY USA
BUZZER CONTACT ONLY USA
SEAT BELT CONTACT ONLY USA
DOOR BUZZER RELAY JAP./USA ONLY
PASSENGER ROOM WIRE HARNESS
BRAKE PAD WEAR LEAD RL
ONLY JAP./USA
MP I
MP VII
BATTERY RHD
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 5

HEATING, A/C, VENTILATION, ELECTR.
SEATS, WIPER AND WASHER SYSTEM

Wiring Diagram Type 944, 944 turbo Model 85/2 page 5

HEATING, A/C, VENTILATION, ELECTR. SEATS, WIPER AND WASHER SYSTEM



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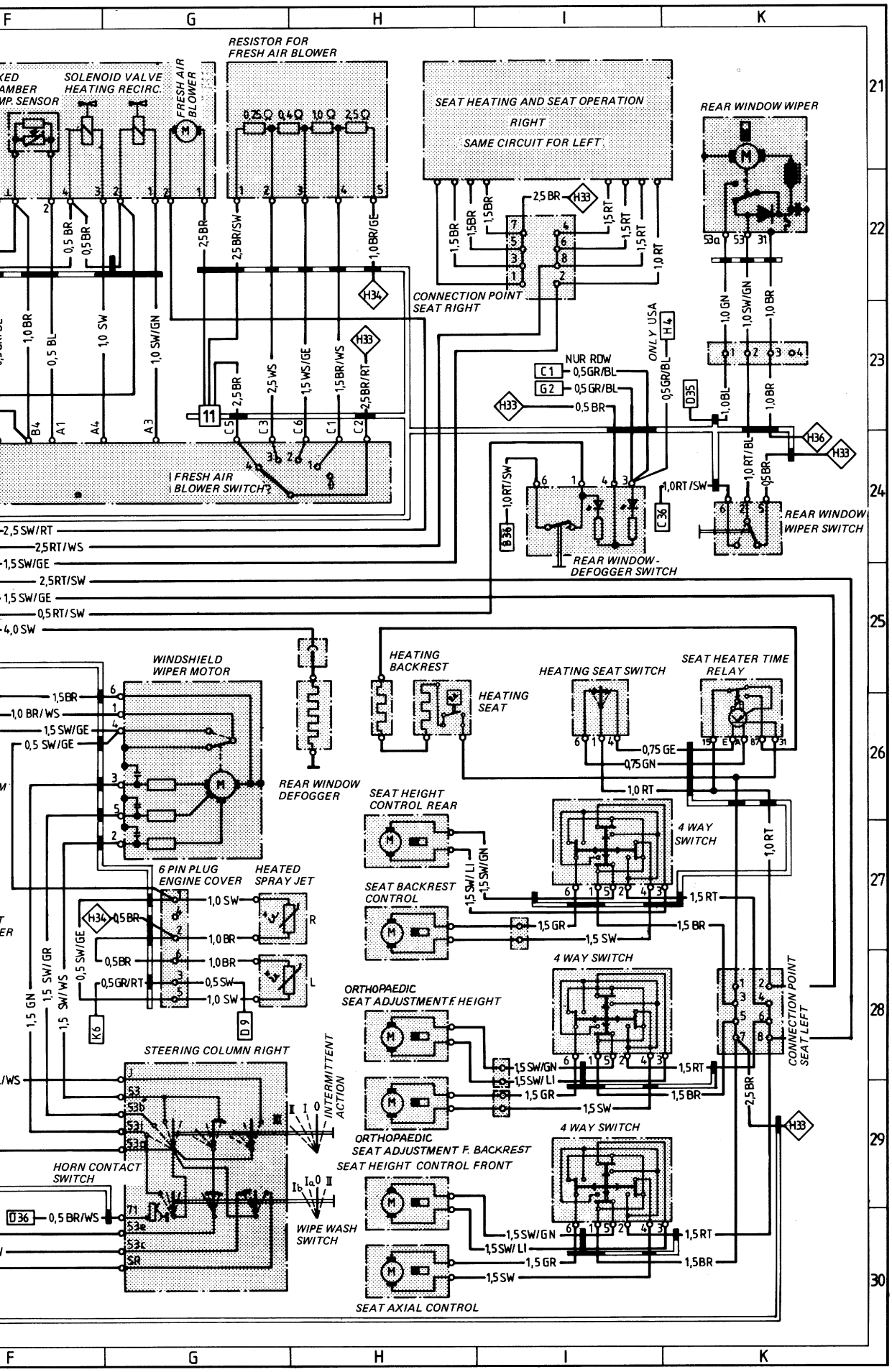
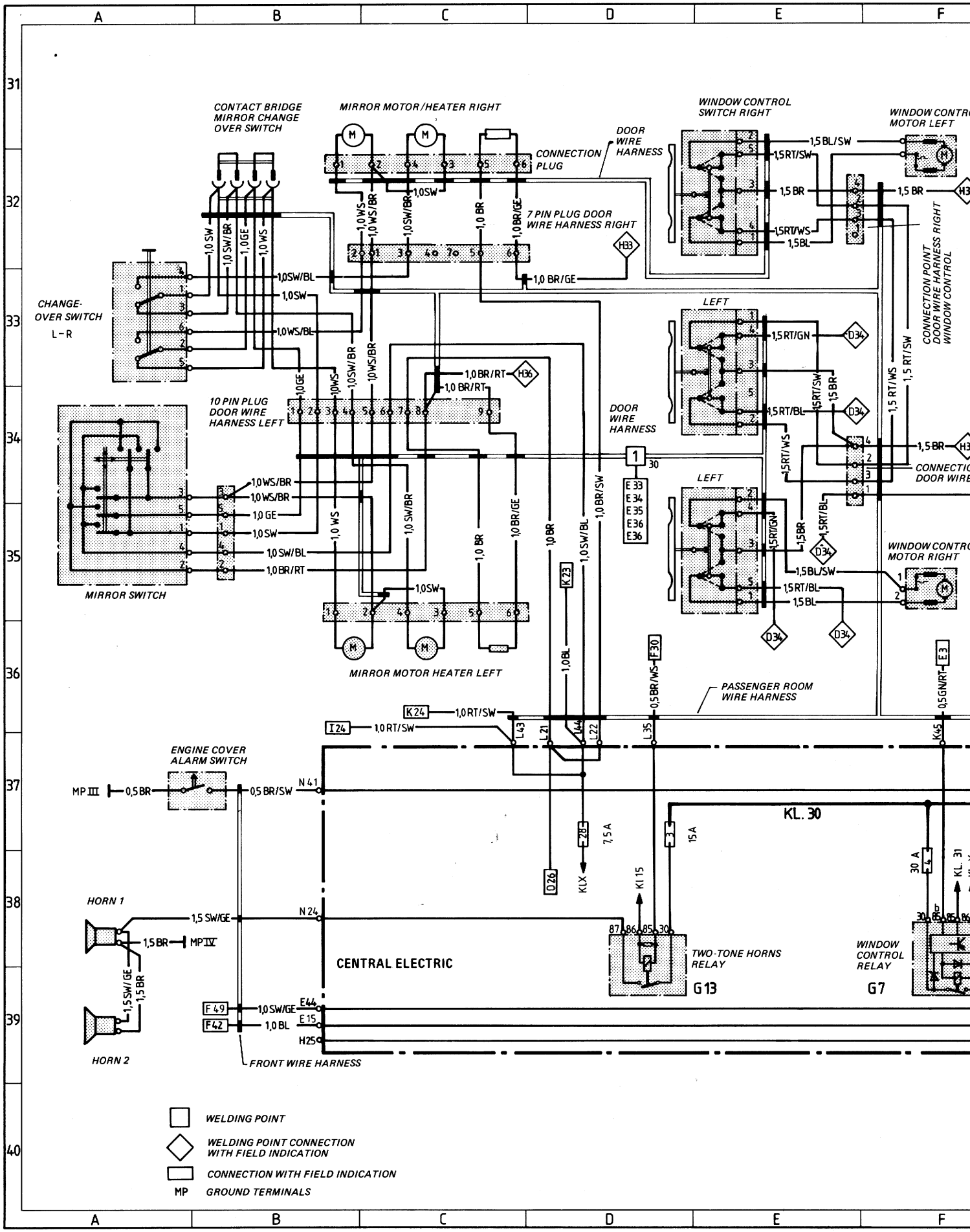

F
G
H
I
K
21
22
23
24
25
26
27
28
29
30
RESISTOR FOR FRESH AIR BLOWER
SOLENOID VALVE HEATING RECIRC.
FRESH AIR BLOWER
SEAT HEATING AND SEAT OPERATION RIGHT SAME CIRCUIT FOR LEFT
REAR WINDOW WIPER
CONNECTION POINT SEAT RIGHT
ONLY USA
NUR RDW
FRESH AIR BLOWER SWITCH
REAR WINDOW WIPER SWITCH
REAR WINDOW-DEFOGGER SWITCH
WINDSHIELD WIPER MOTOR
REAR WINDOW DEFOGGER
HEATING BACKREST
HEATING SEAT
HEATING SEAT SWITCH
SEAT HEATER TIME RELAY
SEAT HEIGHT CONTROL REAR
4 WAY SWITCH
6 PIN PLUG ENGINE COVER
HEATED SPRAY JET
SEAT BACKREST CONTROL
ORTHOPAEDIC SEAT ADJUSTMENT F. HEIGHT
CONNECTION POINT SEAT LEFT
STEERING COLUMN RIGHT
INTERMITTENT ACTION
HORN CONTACT SWITCH
WIPE WASH SWITCH
ORTHOPAEDIC SEAT ADJUSTMENT F. BACKREST
SEAT HEIGHT CONTROL FRONT
SEAT AXIAL CONTROL

Wiring Diagram Type 944, 944 turbo Model 85/2 page 6

HORNS, MIRRORS, WINDOW LIFTERS,
ALARM SYSTEM, TILTING ROOF

Wiring Diagram Type 944, 944 turbo Model 85/2 page 6

HORNS, MIRRORS, WINDOW LIFTERS, ALARM SYSTEM, TILTING ROOF



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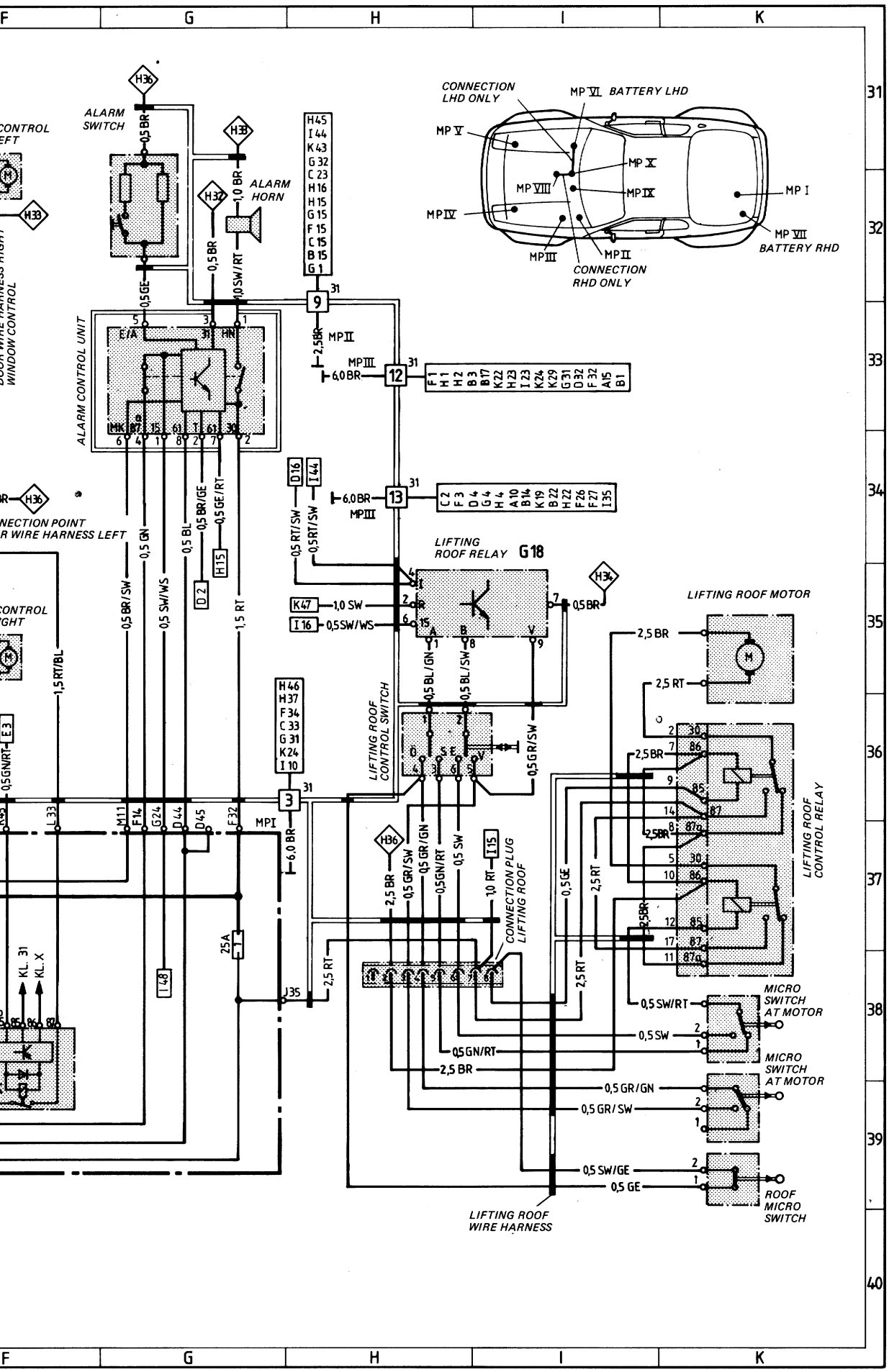
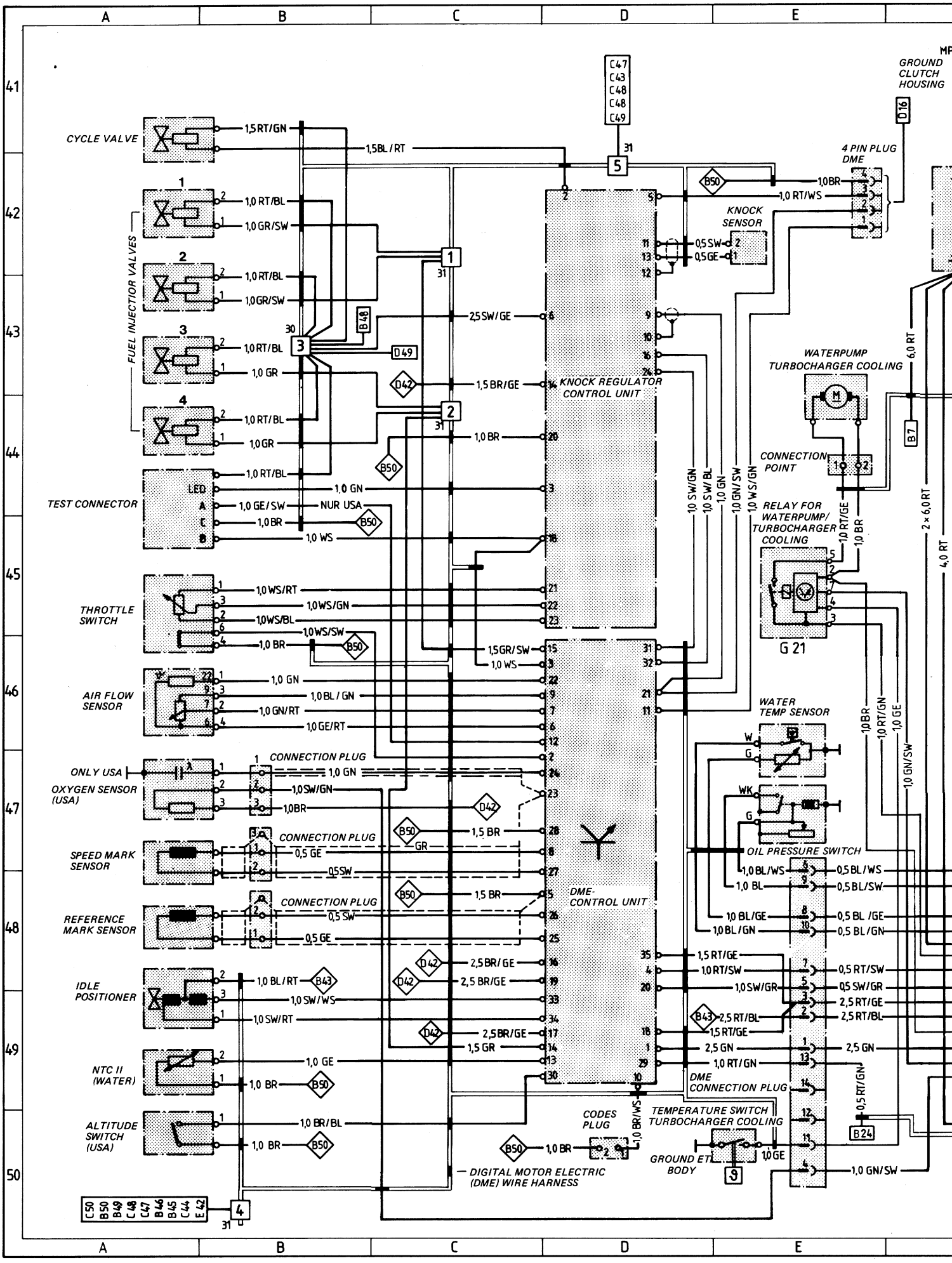

F G H I K
31
32
33
34
35
36
37
38
39
40
ALARM SWITCH
ALARM HORN
ALARM CONTROL UNIT
CONNECTION LHD ONLY
MP VI BATTERY LHD
MP V
MP X
MP VIII
MP IX
MP IV
MP I
MP VII BATTERY RHD
MP III
MP II
CONNECTION RHD ONLY
LIFTING ROOF RELAY G18
LIFTING ROOF MOTOR
LIFTING ROOF CONTROL SWITCH
LIFTING ROOF CONTROL RELAY
CONNECTION PLUG LIFTING ROOF
MICRO SWITCH AT MOTOR
MICRO SWITCH AT MOTOR
ROOF MICRO SWITCH
LIFTING ROOF WIRE HARNESS
CONNECTION POINT
R WIRE HARNESS LEFT
DOOR WIRE HARNESS RIGHT
WINDOW CONTROL
KL. 31
KL. X
25A

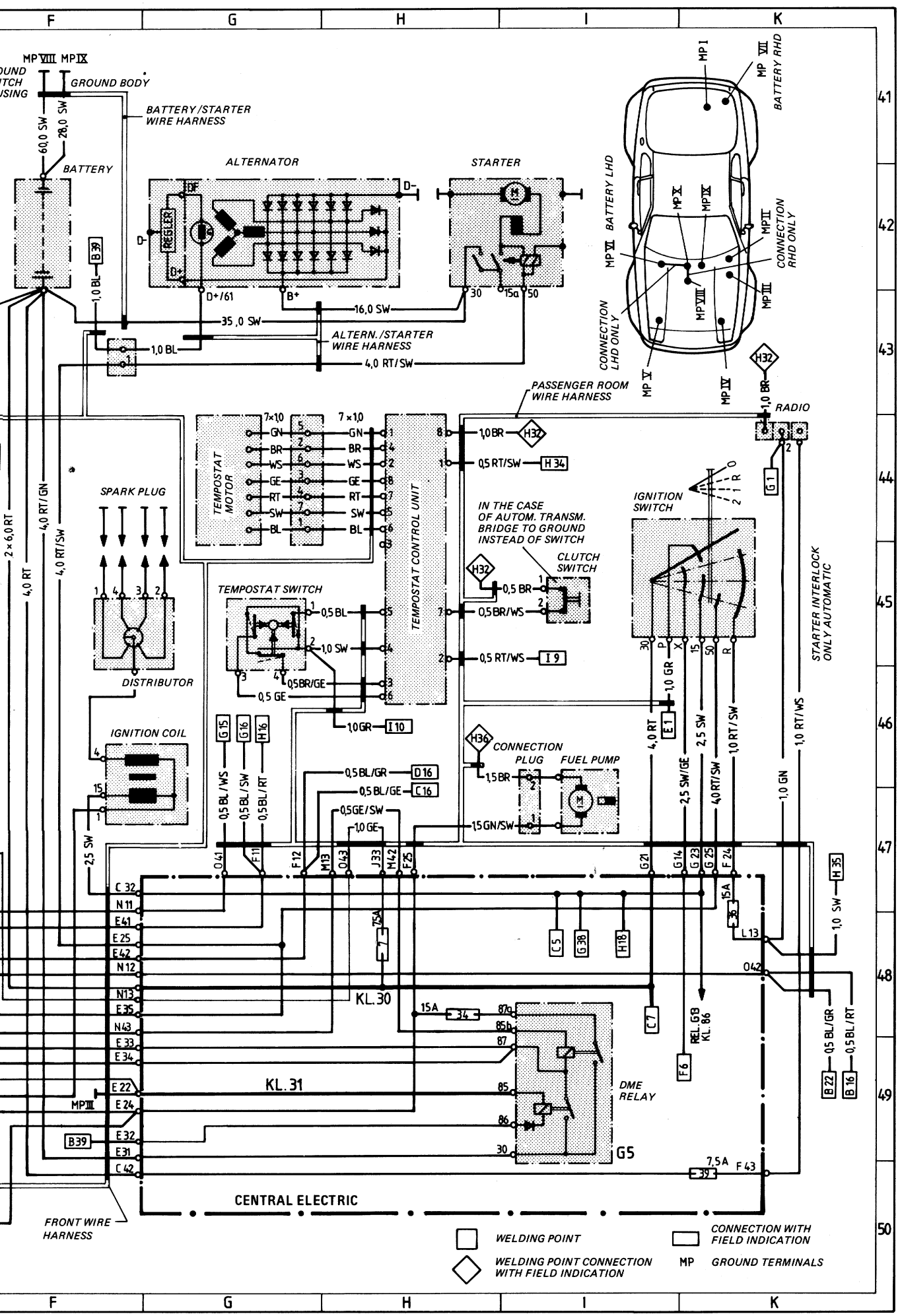
Wiring Diagram Type 944, 944 turbo Model 85/2 page 7

ENGINE COMPARTMENT

Wiring Diagram Type 944, 944 turbo Model 85/2 page 1

ENGINE COMPARTMENT



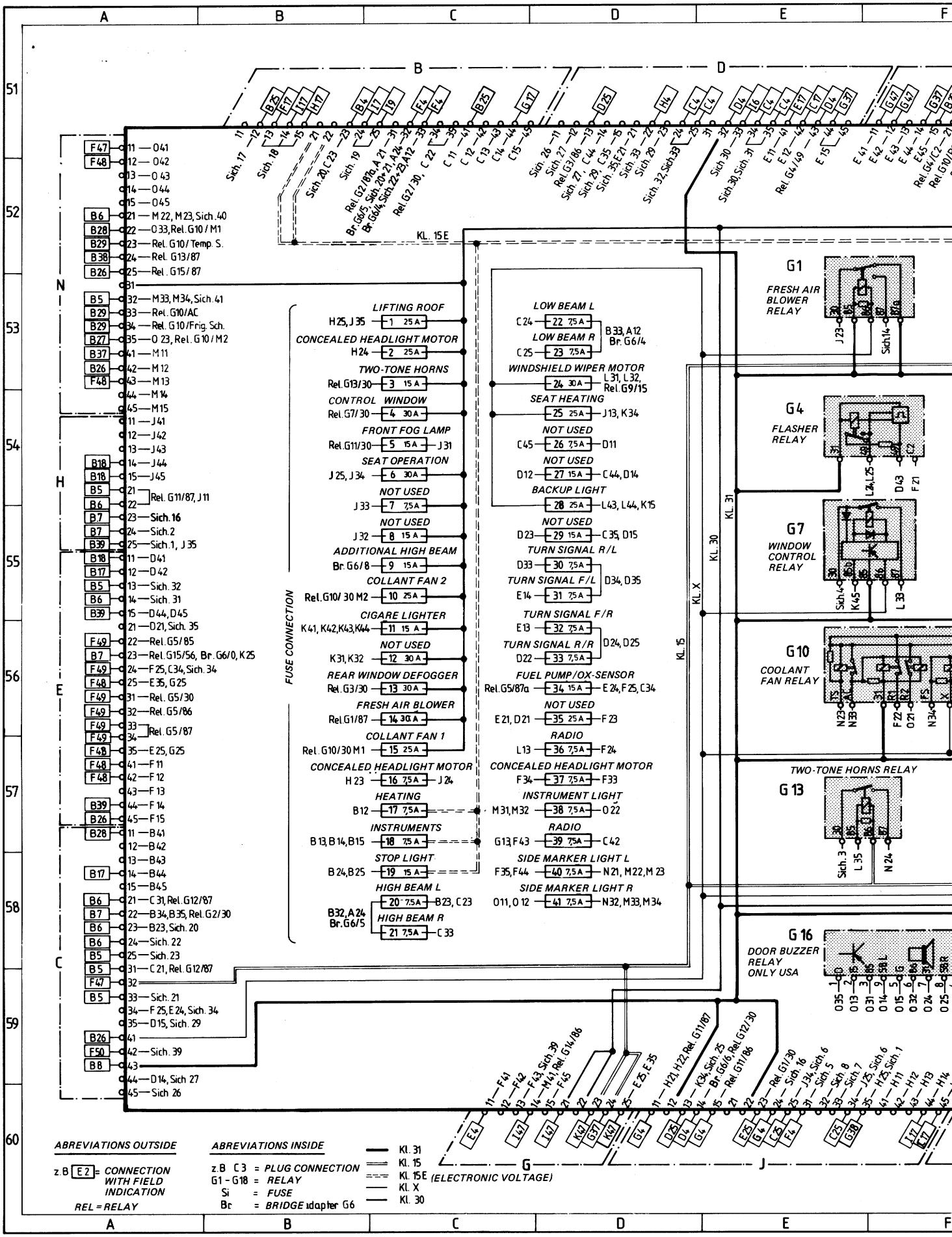

F
G
H
I
K
41
42
43
44
45
46
47
48
49
50
MP VIII MP IX
GROUND BODY
BATTERY/STARTER WIRE HARNESS
60,0 SW
28,0 SW
BATTERY
B39
1,0 BL
ALTERNATOR
REGLER
D-
D+
D+/61
B+
STARTER
30
15a
50
16,0 SW
35,0 SW
ALTERN./STARTER WIRE HARNESS
4,0 RT/SW
MP I
MP VII
BATTERY RHD
BATTERY LHD
MP X
MP IX
MP II
CONNECTION RHD ONLY
MP VI
MP VIII
MP III
CONNECTION LHD ONLY
MP V
MP IV
H32
1,0 BR
PASSENGER ROOM WIRE HARNESS
RADIO
G1
TEMPOSTAT MOTOR
7×1,0
GN
BR
WS
GE
RT
SW
BL
TEMPOSTAT CONTROL UNIT
1,0 BR
0,5 RT/SW
H 34
SPARK PLUG
2×6,0 RT
4,0 RT
4,0 RT/GN
4,0 RT/SW
IN THE CASE OF AUTOM. TRANSM. BRIDGE TO GROUND INSTEAD OF SWITCH
CLUTCH SWITCH
0,5 BR
0,5 BR/WS
0,5 RT/WS
I 9
IGNITION SWITCH
STARTER INTERLOCK ONLY AUTOMATIC
TEMPOSTAT SWITCH
0,5 BL
1,0 SW
0,5 BR/GE
0,5 GE
1,0 GR
I 10
DISTRIBUTOR
IGNITION COIL
G15
G16
H16
0,5 BL/WS
0,5 BL/SW
0,5 BL/RT
0,5 BL/GR
D 16
0,5 BL/GE
C 16
0,5 GE/SW
1,0 GE
1,5 GN/SW
H36
CONNECTION PLUG
FUEL PUMP
1,5 BR
E 1
4,0 RT
2,5 SW
2,5 SW/GE
4,0 RT/SW
1,0 RT/SW
1,0 GN
1,0 RT/WS
H35
1,0 SW
2,5 SW
O 41
F 11
F 12
M 13
O 43
J 33
M 142
F 25
G 21
G 14
G 23
G 25
F 24
15A
F 36
L 13
O 42
C 32
N 11
E 41
E 25
E 42
N 12
N 13
E 35
N 43
E 33
E 34
E 22
E 24
E 32
E 31
C 42
7,5A
F 7
KL.30
C 5
G 38
H 18
15A
F 34
87a
85b
87
85
86
30
DME RELAY
G5
C 7
REL. GB KL. 86
F 6
0,5 BL/GR
0,5 BL/RT
B 22
B 16
KL.31
MP III
B39
7,5A
F 39
F 43
CENTRAL ELECTRIC
FRONT WIRE HARNESS
WELDING POINT
CONNECTION WITH FIELD INDICATION
WELDING POINT CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 85/2 page 8

CENTRAL-ELECTRICS BOX

Wiring Diagram Type 944, 944 turbo Model 85/2 page 8

CENTRAL-ELECTRICS BOX



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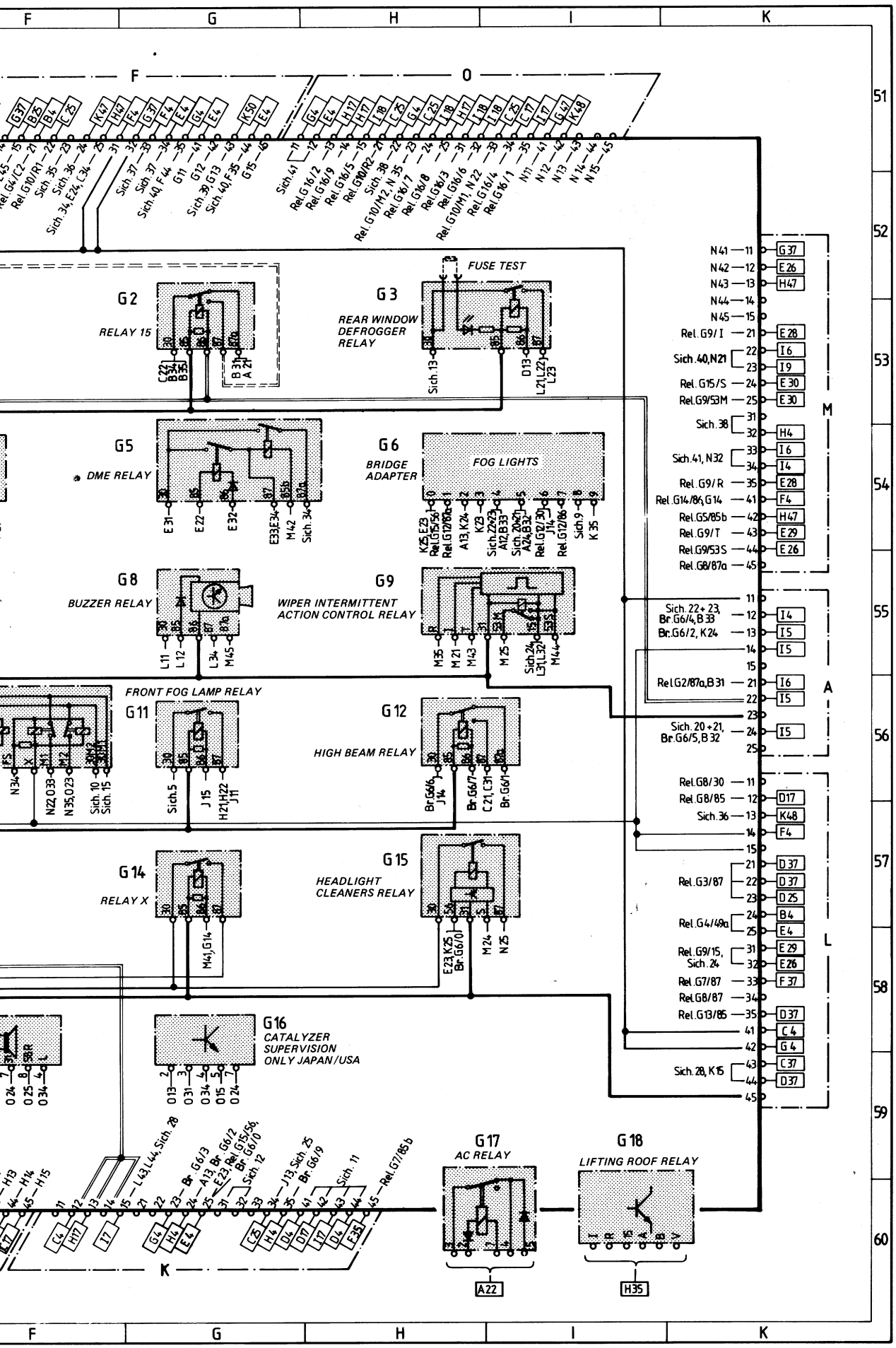

F
G
H
I
K
51
52
53
54
55
56
57
58
59
60
G2
RELAY 15
G3
FUSE TEST
REAR WINDOW DEFROGGER RELAY
G5
DME RELAY
G6
BRIDGE ADAPTER
FOG LIGHTS
G8
BUZZER RELAY
G9
WIPER INTERMITTENT ACTION CONTROL RELAY
FRONT FOG LAMP RELAY
G11
G12
HIGH BEAM RELAY
G14
RELAY X
G15
HEADLIGHT CLEANERS RELAY
G16
CATALYZER SUPERVISION ONLY JAPAN/USA
G17
AC RELAY
G18
LIFTING ROOF RELAY
A22
H35
M
A
L
K

Wiring Diagram Type 944, 944 turbo Model 86

Wiring Diagram Type 944, 944 turbo Model 86

The wiring diagram consists of twelf individual wiring diagrams. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dash-dotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 20-pin connectors on the central-electrics box are clipped together out of 5 parts.

Part 1, with the moulded-on fastening lug, is the "starting element".

Parts 2, 3 and 4 are "module elements".

Parts 1 to 4 are identified by the numbers 1 . . . . . 5.

Part 5 is a "coding element".

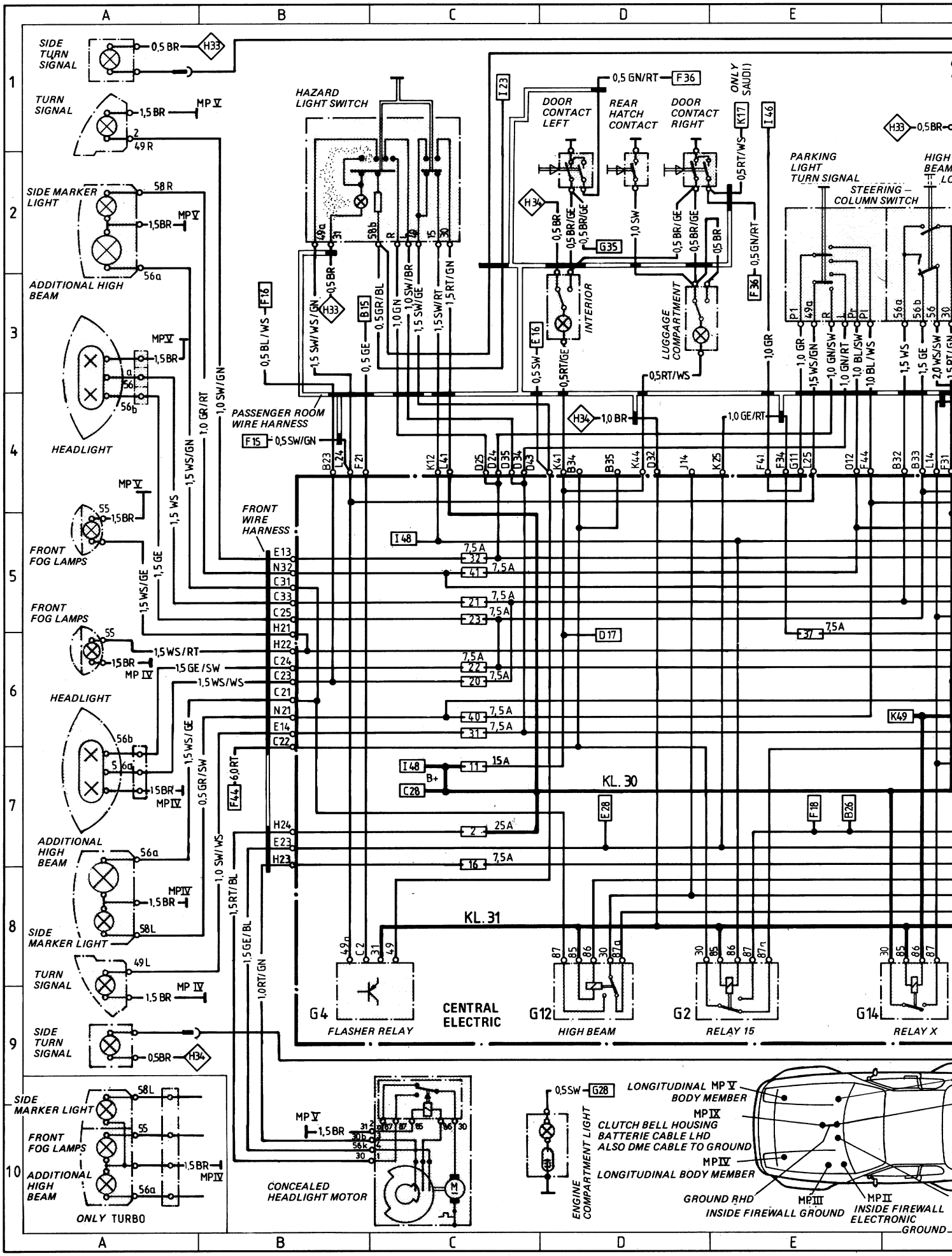
The designations of the plug connections in the wiring diagram of the central-electrics box refer to the "starting element" from, for example, B 11 . . . . . 15, and to the first module element from B 21 . . . . . 25.

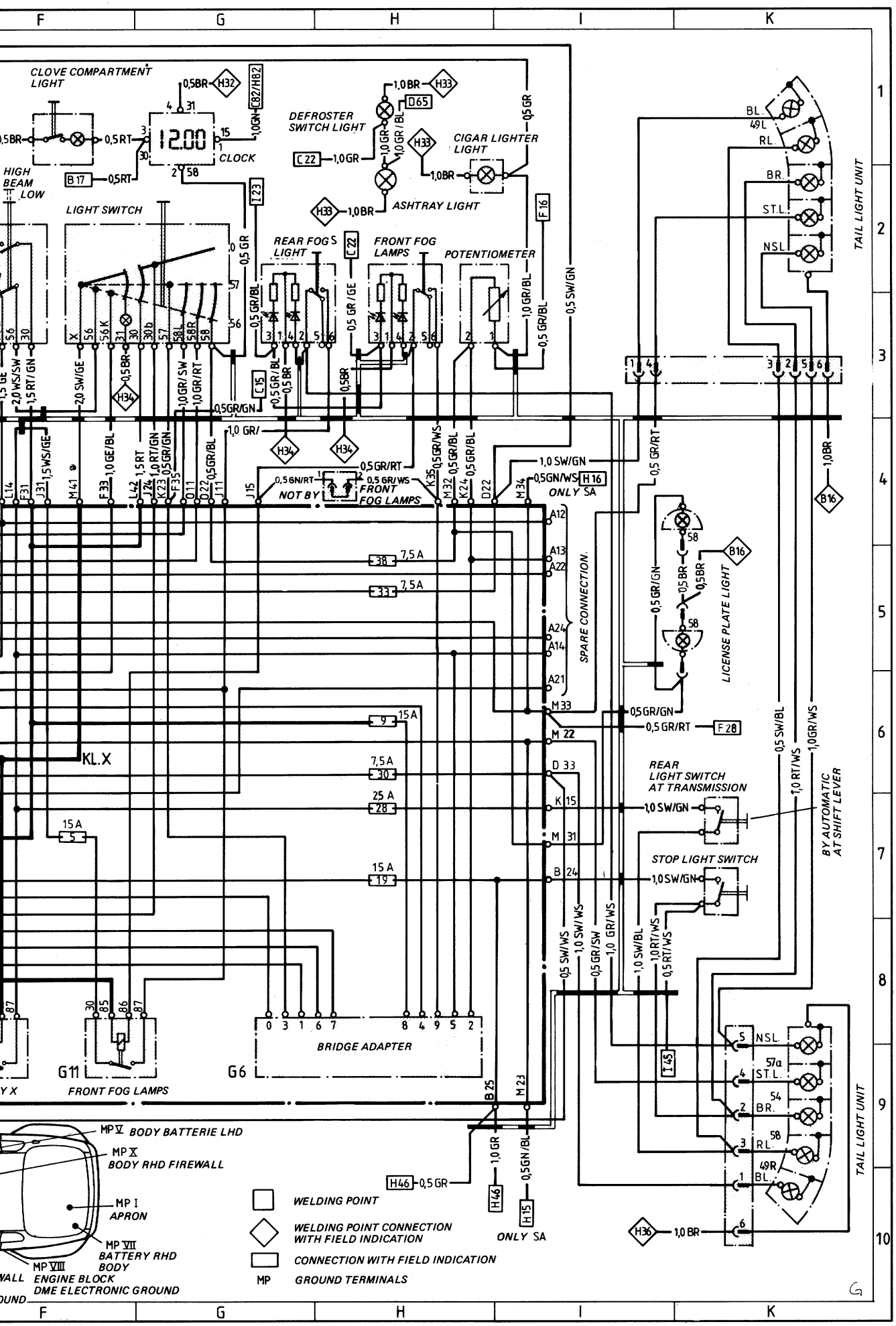
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 1

LIGHTING ROW/SA

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 1

LIGHTING ROW / SA



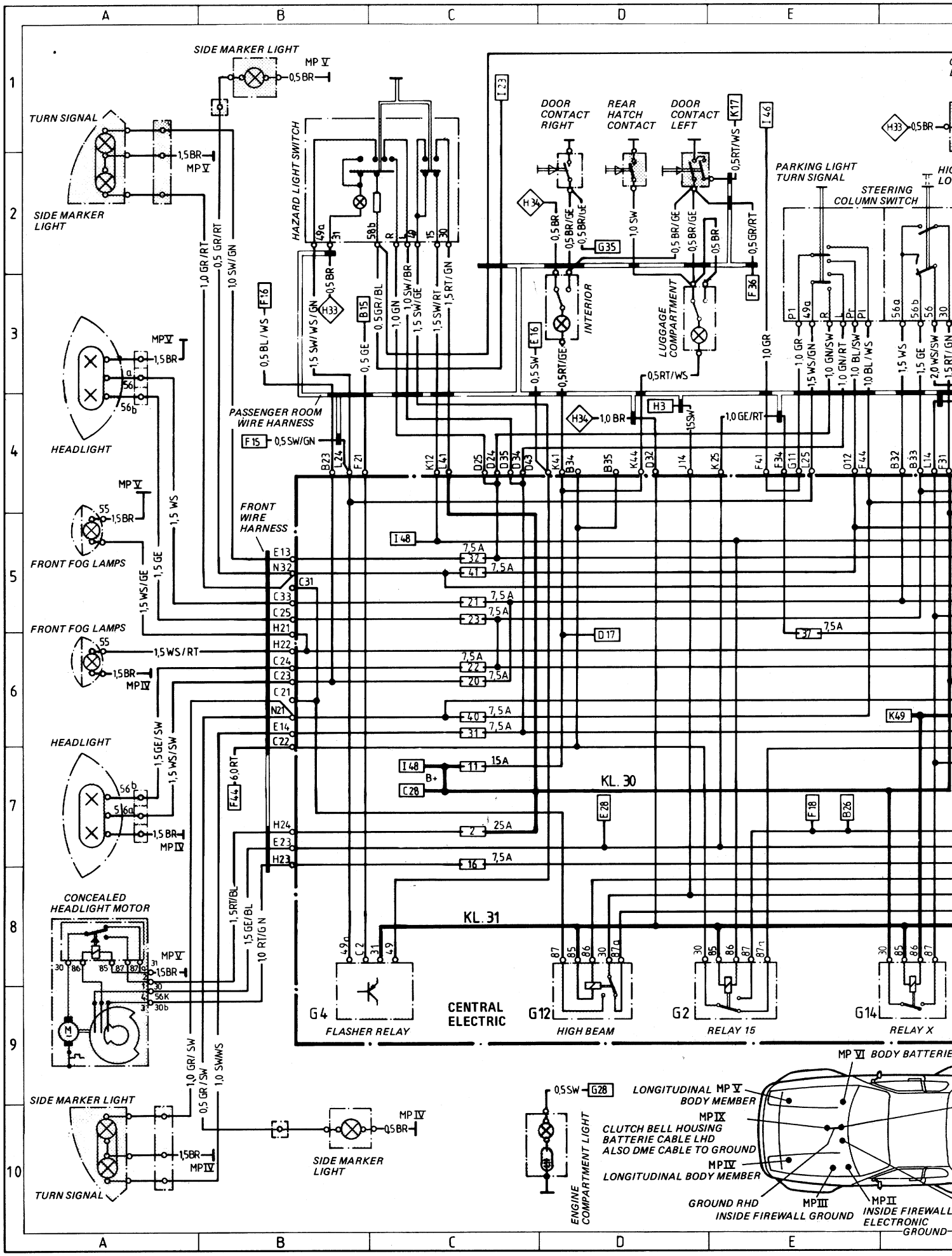

CLOVE COMPARTMENT LIGHT
CLOCK
12.00
HIGH BEAM
LOW
LIGHT SWITCH
DEFROSTER SWITCH LIGHT
CIGAR LIGHTER LIGHT
ASHTRAY LIGHT
REAR FOG LIGHT
FRONT FOG LAMPS
POTENTIOMETER
NOT BY FRONT FOG LAMPS
ONLY SA
SPARE CONNECTION
LICENSE PLATE LIGHT
TAIL LIGHT UNIT
REAR LIGHT SWITCH AT TRANSMISSION
STOP LIGHT SWITCH
BY AUTOMATIC AT SHIFT LEVER
KL.X
BRIDGE ADAPTER
G11
G6
FRONT FOG LAMPS
MP V BODY BATTERIE LHD
MP X BODY RHD FIREWALL
MP I APRON
MP VII BATTERY RHD BODY
MP VIII ENGINE BLOCK
DME ELECTRONIC GROUND
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

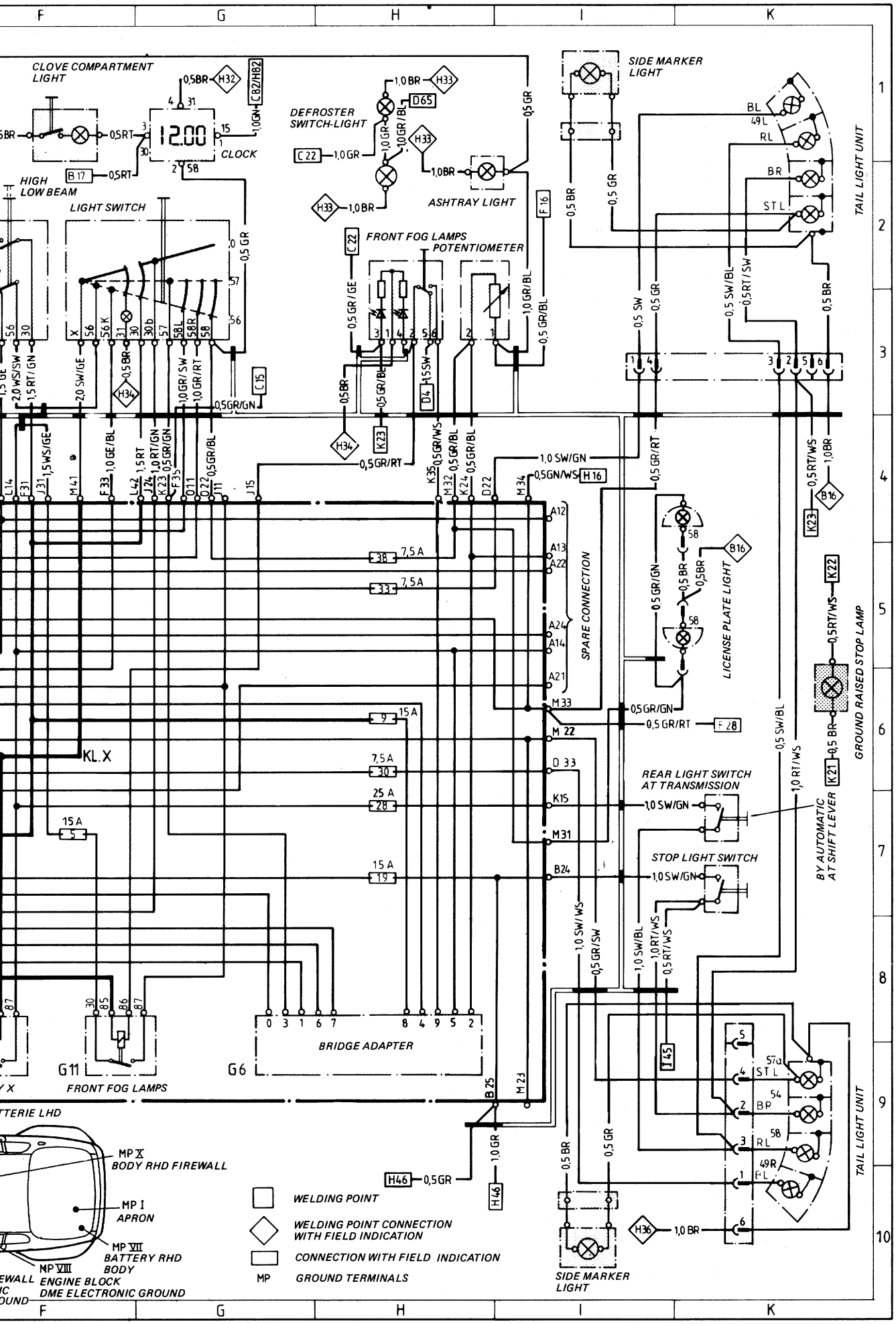
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 2

LIGHTING USA

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 2

LIGHTING USA




CLOVE COMPARTMENT LIGHT
CLOCK
HIGH LOW BEAM
LIGHT SWITCH
DEFROSTER SWITCH-LIGHT
ASHTRAY LIGHT
FRONT FOG LAMPS POTENTIOMETER
SIDE MARKER LIGHT
TAIL LIGHT UNIT
SPARE CONNECTION
LICENSE PLATE LIGHT
GROUND RAISED STOP LAMP
REAR LIGHT SWITCH AT TRANSMISSION
STOP LIGHT SWITCH
BY AUTOMATIC AT SHIFT LEVER
BRIDGE ADAPTER
FRONT FOG LAMPS
KL.X
BODY RHD FIREWALL
APRON
BATTERY RHD BODY
ENGINE BLOCK
DME ELECTRONIC GROUND
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

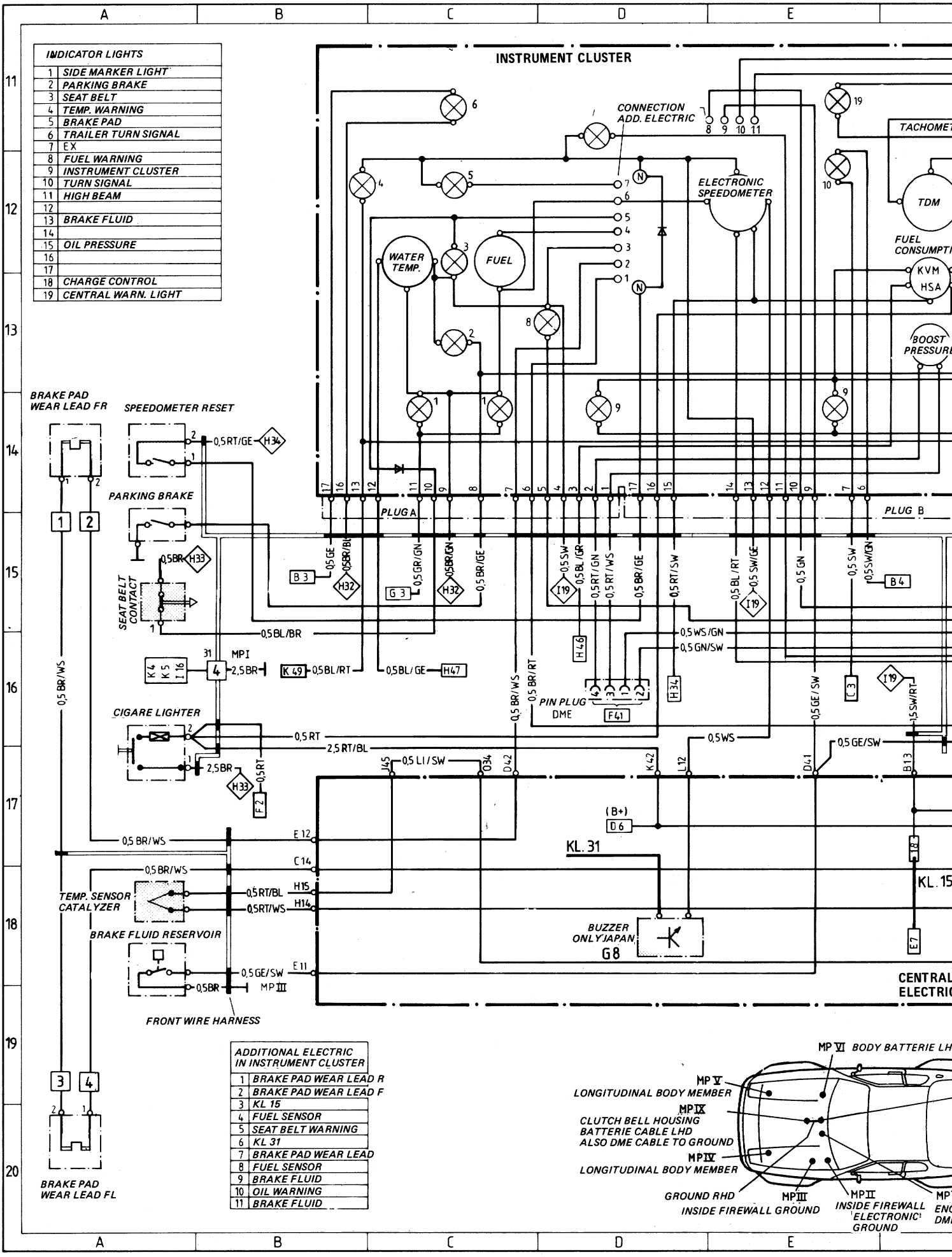
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 3

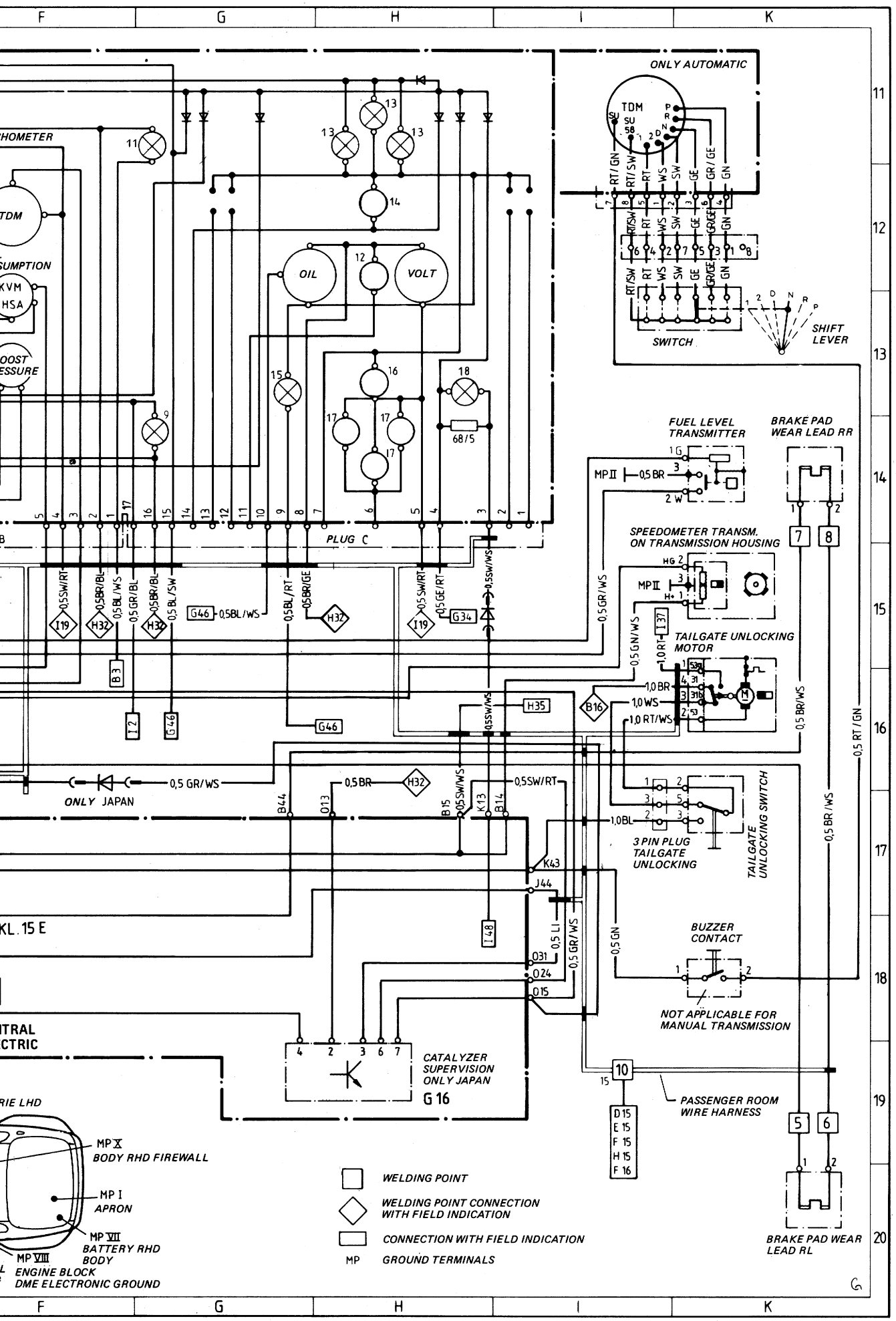
INSTRUMENT CLUSTER AND SENSORS

ROW

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 3

INSTRUMENT CLUSTER AND SENSORS ROW



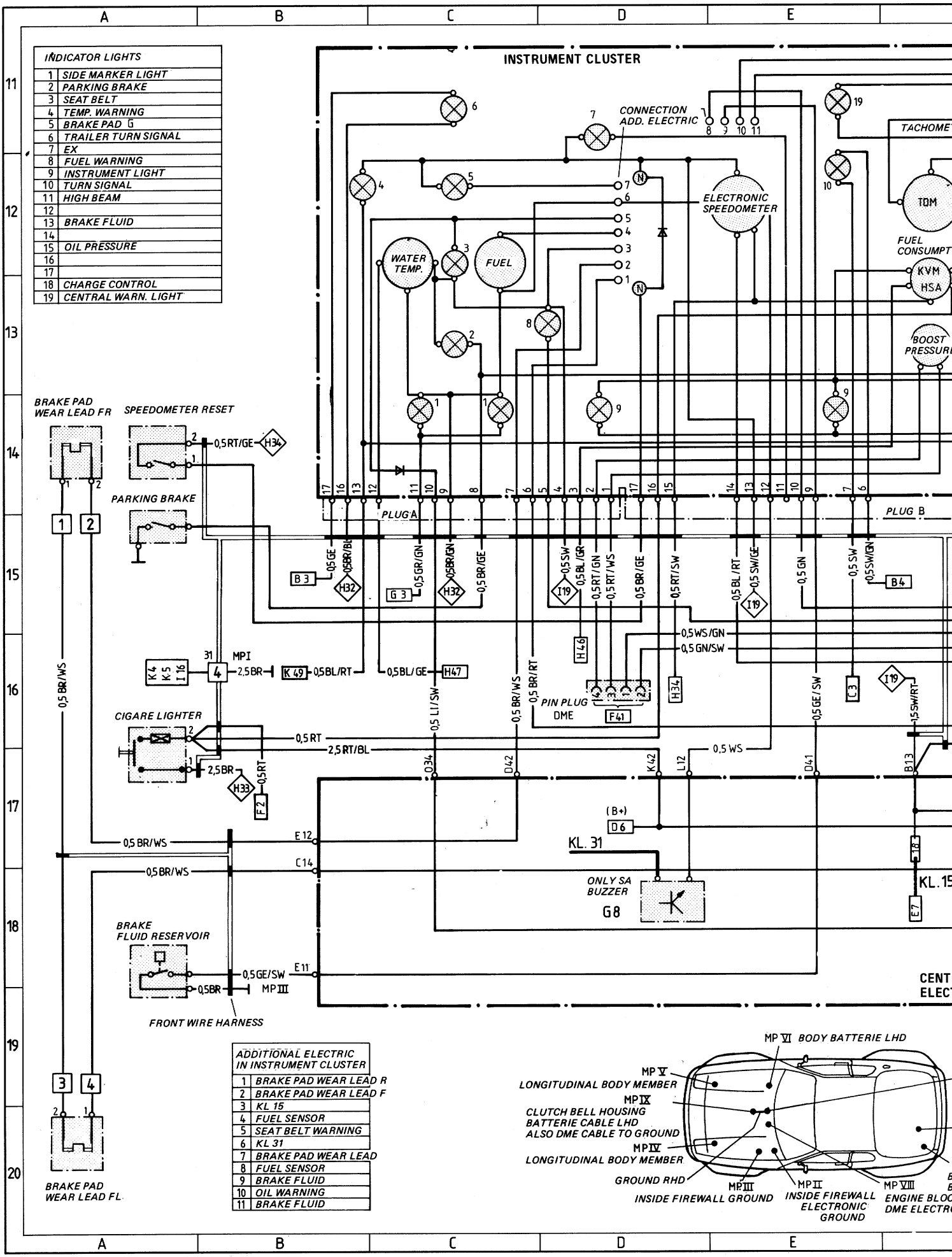

ONLY AUTOMATIC
TDM
SWITCH
SHIFT LEVER
OIL
VOLT
68/5
PLUG C
FUEL LEVEL TRANSMITTER
BRAKE PAD WEAR LEAD RR
SPEEDOMETER TRANSM. ON TRANSMISSION HOUSING
TAILGATE UNLOCKING MOTOR
3 PIN PLUG TAILGATE UNLOCKING
TAILGATE UNLOCKING SWITCH
BUZZER CONTACT
NOT APPLICABLE FOR MANUAL TRANSMISSION
PASSENGER ROOM WIRE HARNESS
BRAKE PAD WEAR LEAD RL
ONLY JAPAN
CATALYZER SUPERVISION ONLY JAPAN
G 16
KL. 15 E
MP X BODY RHD FIREWALL
MP I APRON
MP VII BATTERY RHD BODY
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 4

INSTRUMENT CLUSTER AND SENSORS
USA/SA

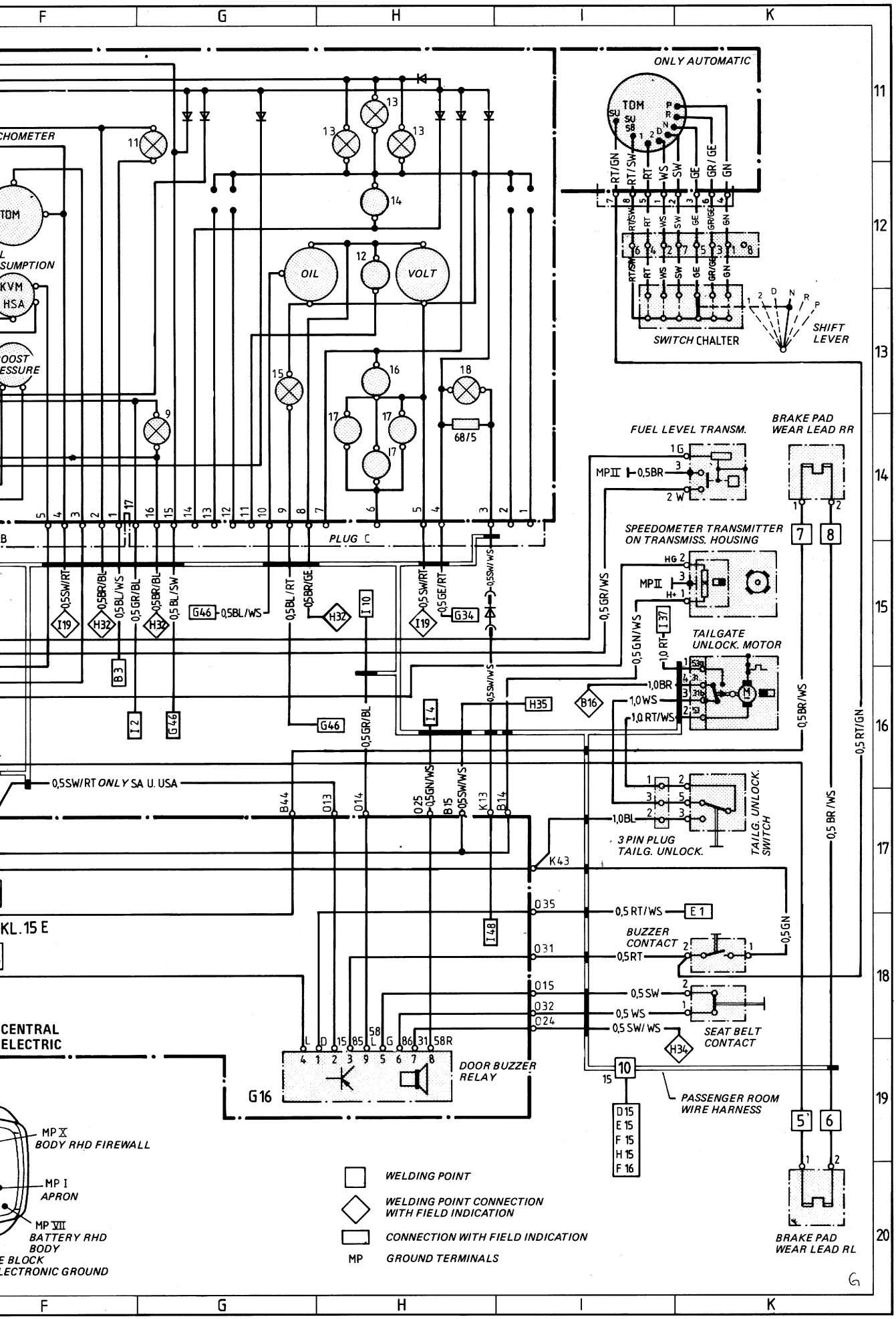
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 4

INSTRUMENT CLUSTER AND SENSORS USA/SA



INDICATOR LIGHTS	
1	SIDE MARKER LIGHT
2	PARKING BRAKE
3	SEAT BELT
4	TEMP. WARNING
5	BRAKE PAD G
6	TRAILER TURN SIGNAL
7	EX
8	FUEL WARNING
9	INSTRUMENT LIGHT
10	TURN SIGNAL
11	HIGH BEAM
12	
13	BRAKE FLUID
14	
15	OIL PRESSURE
16	
17	
18	CHARGE CONTROL
19	CENTRAL WARN. LIGHT

ADDITIONAL ELECTRIC IN INSTRUMENT CLUSTER	
1	BRAKE PAD WEAR LEAD R
2	BRAKE PAD WEAR LEAD F
3	KL 15
4	FUEL SENSOR
5	SEAT BELT WARNING
6	KL 31
7	BRAKE PAD WEAR LEAD
8	FUEL SENSOR
9	BRAKE FLUID
10	OIL WARNING
11	BRAKE FLUID

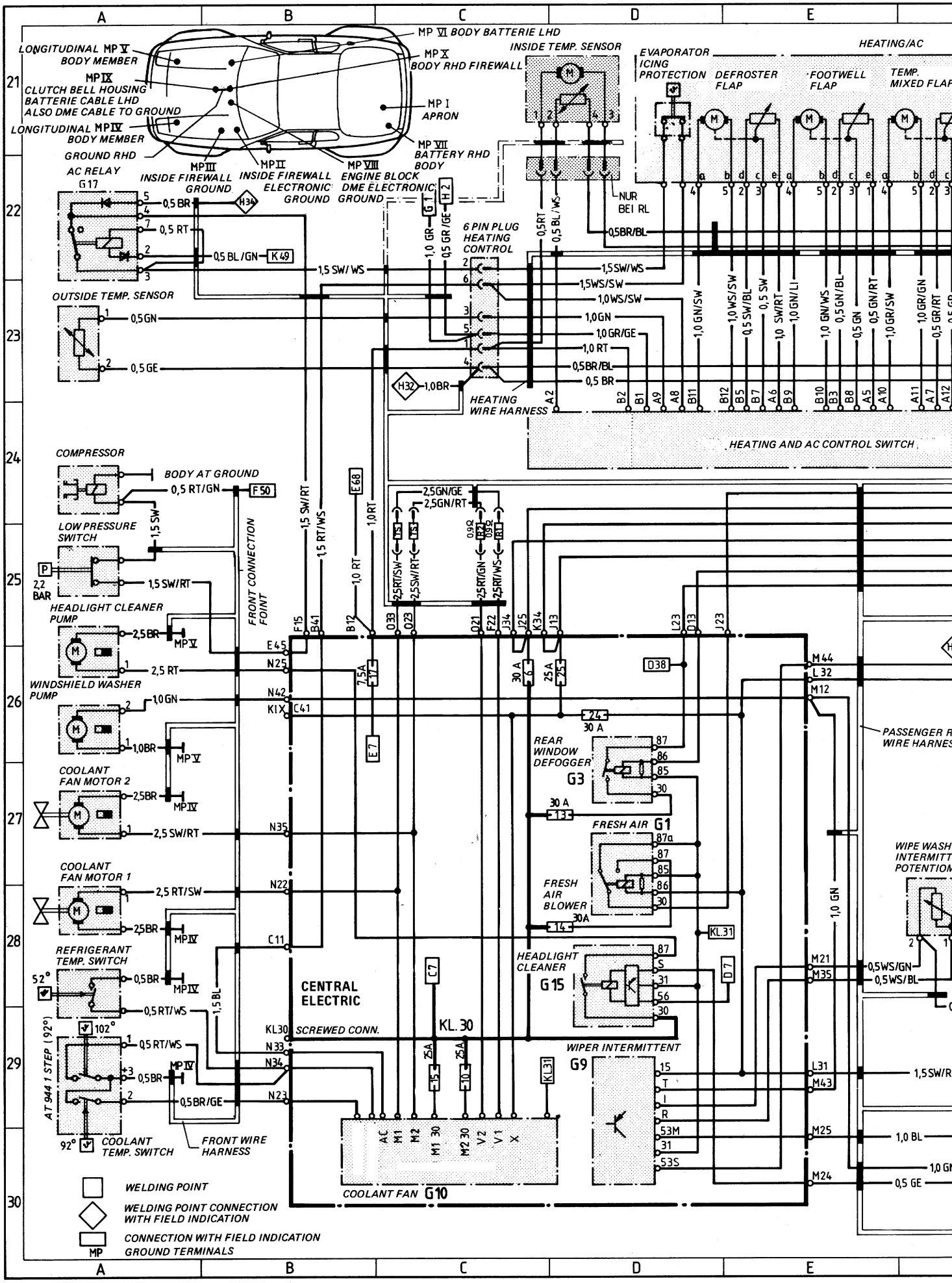

F
G
H
I
K
ONLY AUTOMATIC
TDM
SWITCH CHALTER
SHIFT LEVER
OIL
VOLT
68/5
PLUG C
FUEL LEVEL TRANSM.
BRAKE PAD WEAR LEAD RR
SPEEDOMETER TRANSMITTER ON TRANSMISS. HOUSING
TAILGATE UNLOCK. MOTOR
0,5SW/RT ONLY SA U. USA
3 PIN PLUG TAILG. UNLOCK.
TAILG. UNLOCK. SWITCH
KL. 15 E
BUZZER CONTACT
SEAT BELT CONTACT
DOOR BUZZER RELAY
G16
PASSENGER ROOM WIRE HARNESS
CENTRAL ELECTRIC
MP X BODY RHD FIREWALL
MP I APRON
MP VII BATTERY RHD BODY
E BLOCK ELECTRONIC GROUND
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
BRAKE PAD WEAR LEAD RL

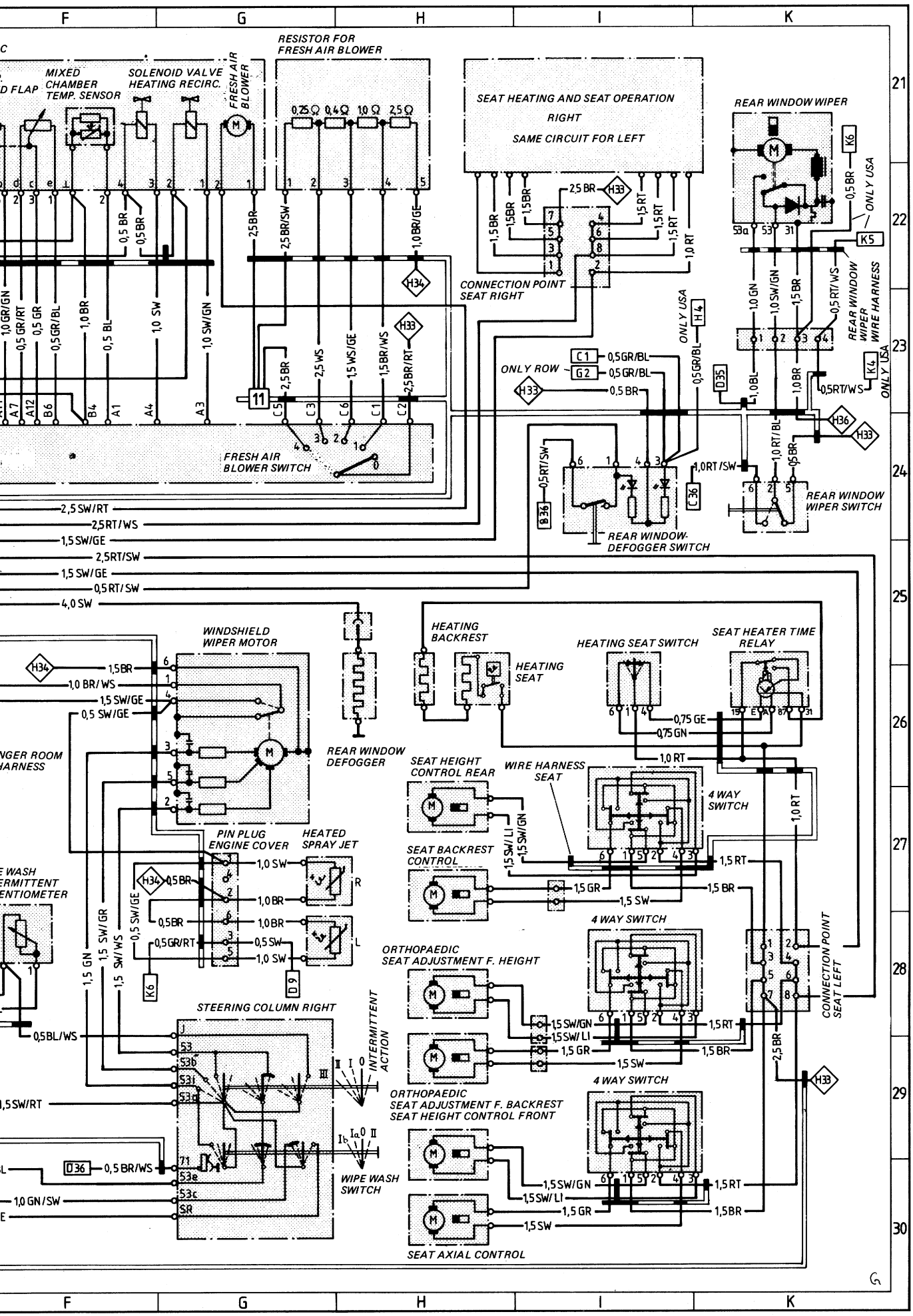
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 5

HEATING, A C, VENTILATION, ELECTR.
SEATS, WIPER AND WASHER SYSTEM

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 5

HEATING, AC, VENTILATION, ELECTR. SEATS, WIPER AND WASHER SYSTEM



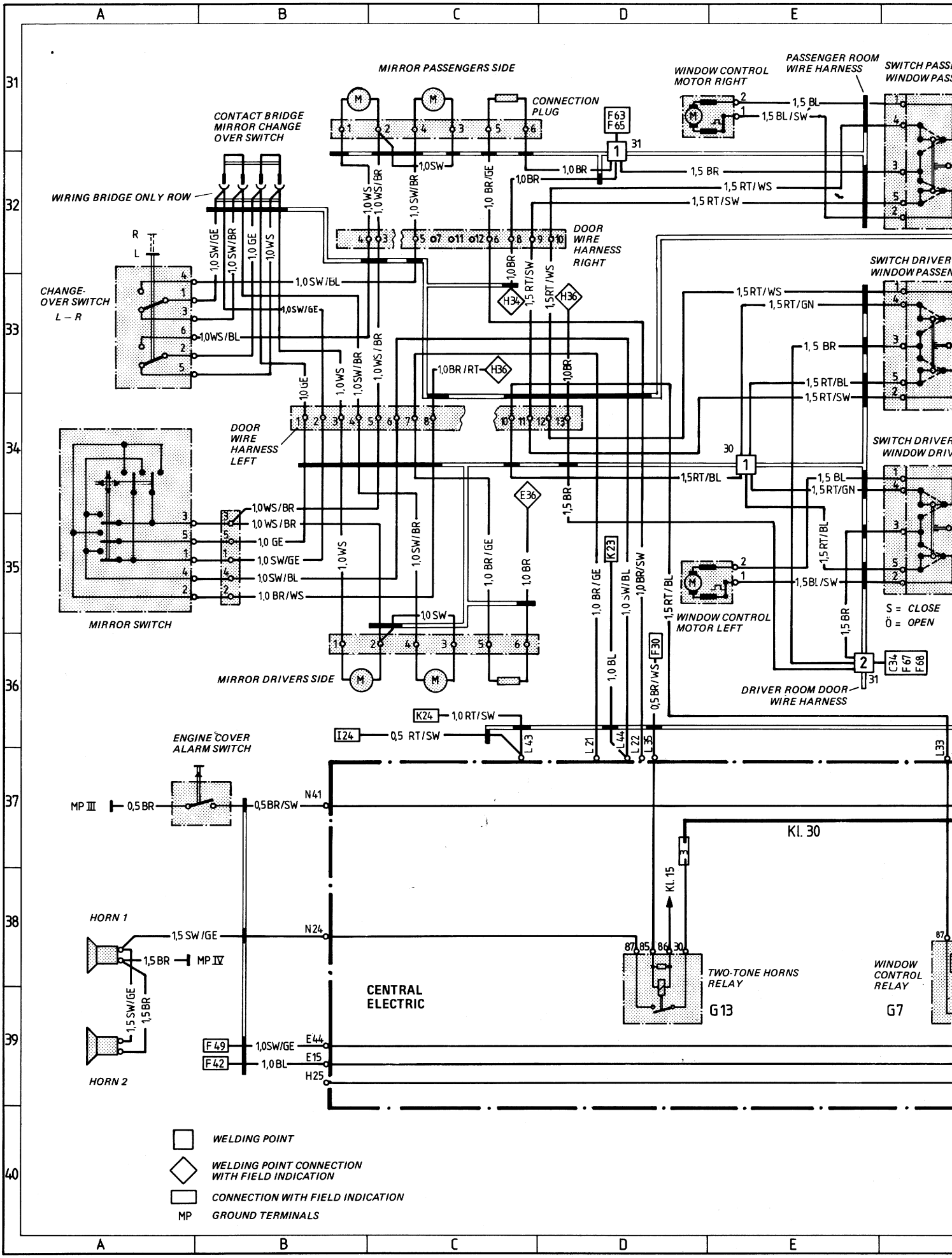

F
G
H
I
K
21
22
23
24
25
26
27
28
29
30
MIXED CHAMBER TEMP. SENSOR
SOLENOID VALVE HEATING RECIRC.
FRESH AIR BLOWER
RESISTOR FOR FRESH AIR BLOWER
SEAT HEATING AND SEAT OPERATION RIGHT
SAME CIRCUIT FOR LEFT
REAR WINDOW WIPER
ONLY USA
CONNECTION POINT SEAT RIGHT
REAR WINDOW WIPER WIRE HARNESS
ONLY ROW
FRESH AIR BLOWER SWITCH
REAR WINDOW WIPER SWITCH
REAR WINDOW-DEFOGGER SWITCH
WINDSHIELD WIPER MOTOR
REAR WINDOW DEFOGGER
HEATING BACKREST
HEATING SEAT
HEATING SEAT SWITCH
SEAT HEATER TIME RELAY
SEAT HEIGHT CONTROL REAR
WIRE HARNESS SEAT
4 WAY SWITCH
SEAT BACKREST CONTROL
PIN PLUG ENGINE COVER
HEATED SPRAY JET
ORTHOPAEDIC SEAT ADJUSTMENT F. HEIGHT
CONNECTION POINT SEAT LEFT
STEERING COLUMN RIGHT
INTERMITTENT ACTION
ORTHOPAEDIC SEAT ADJUSTMENT F. BACKREST SEAT HEIGHT CONTROL FRONT
WIPE WASH SWITCH
SEAT AXIAL CONTROL

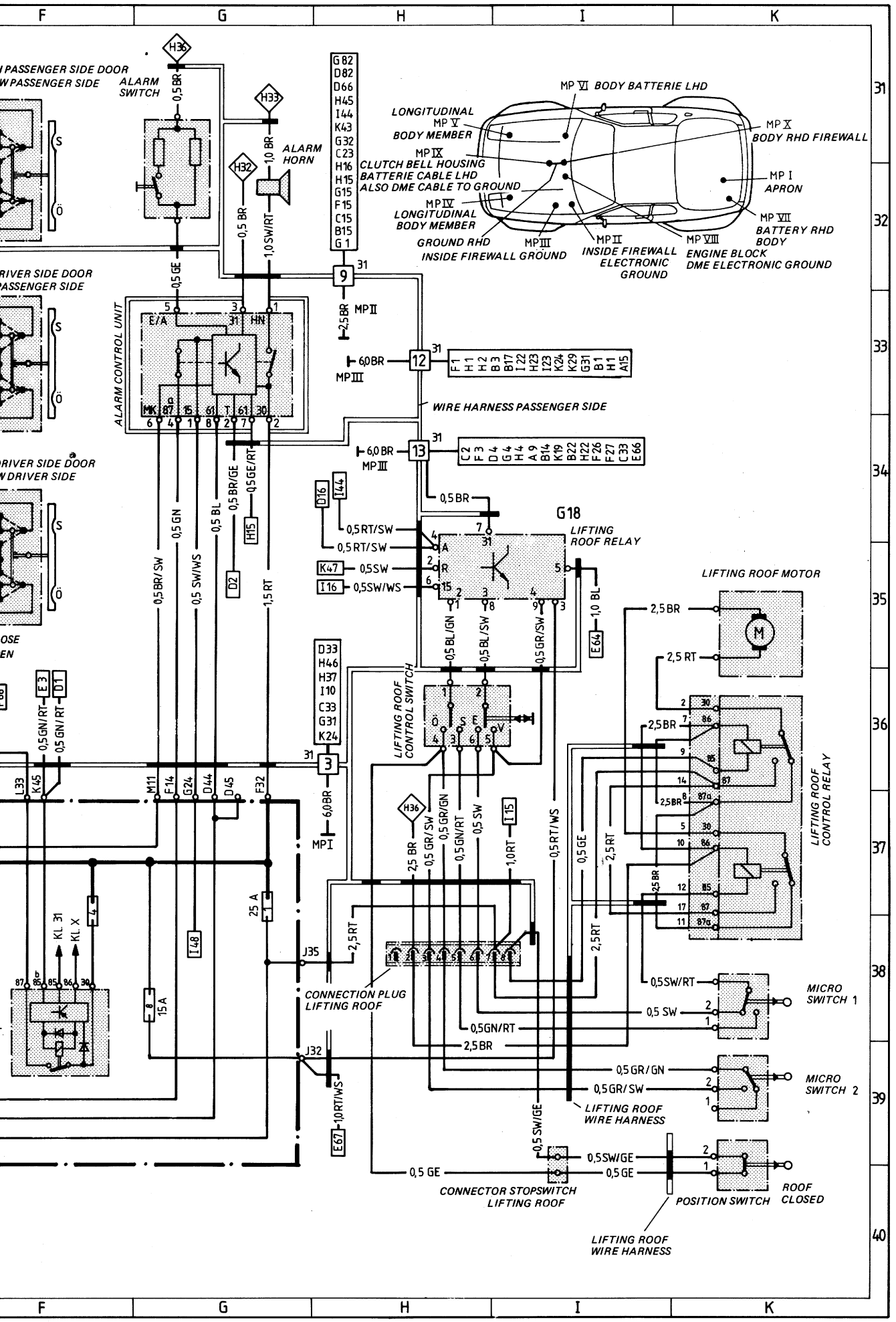
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 6

HORNS, MIRRORS, WINDOW LIFTERS,
ALARM SYSTEM, TILTING ROOF

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 6

HORNS, MIRRORS, WINDOW LIFTERS, ALARM SYSTEM, TILTING ROOF



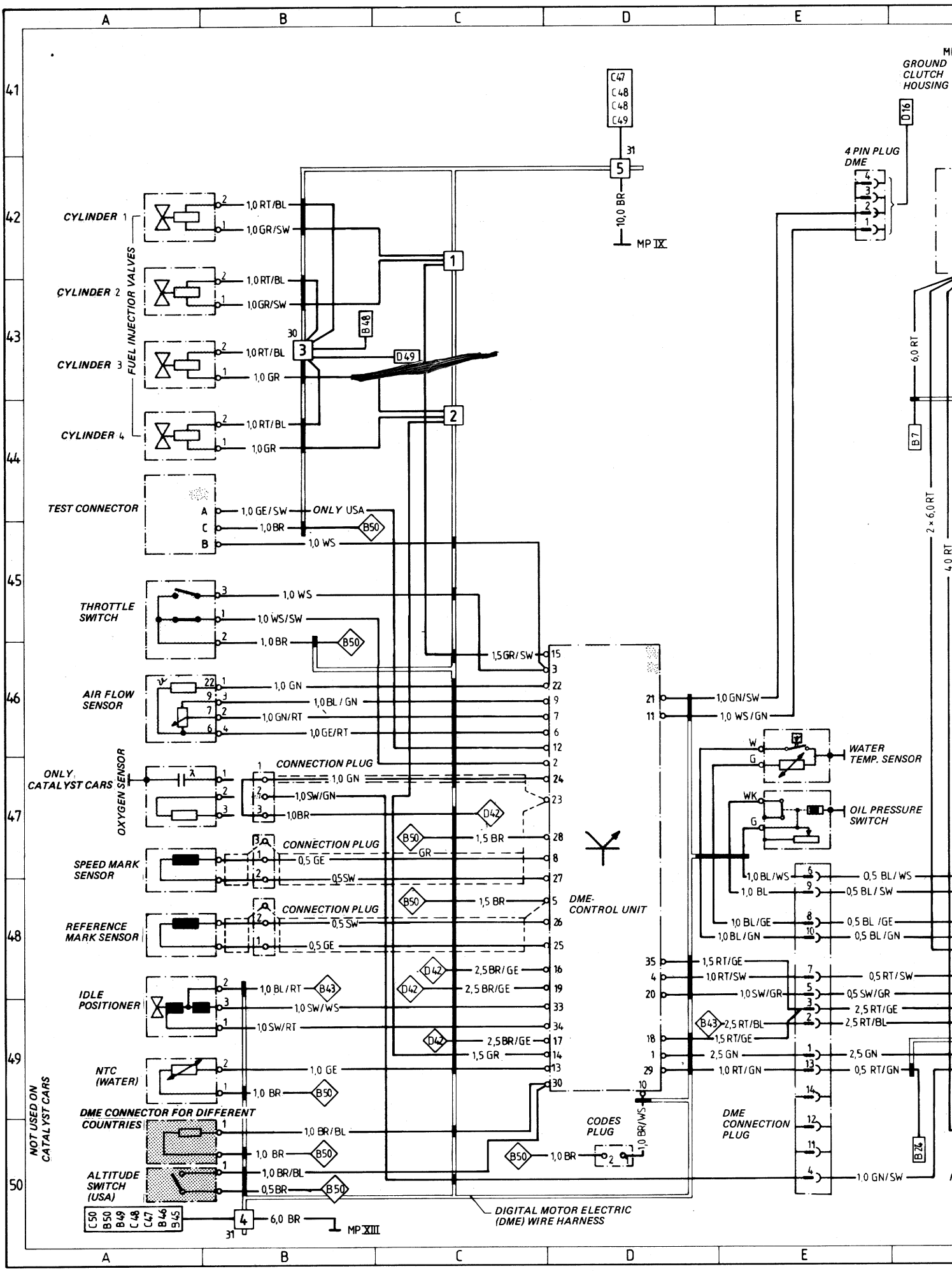

F
G
H
I
K
31
32
33
34
35
36
37
38
39
40
PASSENGER SIDE DOOR
W PASSENGER SIDE
ALARM SWITCH
ALARM HORN
RIVER SIDE DOOR
ASSENGER SIDE
RIVER SIDE DOOR
W DRIVER SIDE
ALARM CONTROL UNIT
WIRE HARNESS PASSENGER SIDE
MP VI BODY BATTERIE LHD
LONGITUDINAL MP V BODY MEMBER
MP X BODY RHD FIREWALL
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
MP I APRON
MP IV LONGITUDINAL BODY MEMBER
MP VII BATTERY RHD BODY
GROUND RHD INSIDE FIREWALL GROUND
MP III
MP II INSIDE FIREWALL ELECTRONIC GROUND
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
G18 LIFTING ROOF RELAY
LIFTING ROOF MOTOR
LIFTING ROOF CONTROL SWITCH
LIFTING ROOF CONTROL RELAY
CONNECTION PLUG LIFTING ROOF
MICRO SWITCH 1
MICRO SWITCH 2
LIFTING ROOF WIRE HARNESS
CONNECTOR STOPSWITCH LIFTING ROOF
POSITION SWITCH
ROOF CLOSED
LIFTING ROOF WIRE HARNESS
KL. 31
KL. X
25 A
15 A

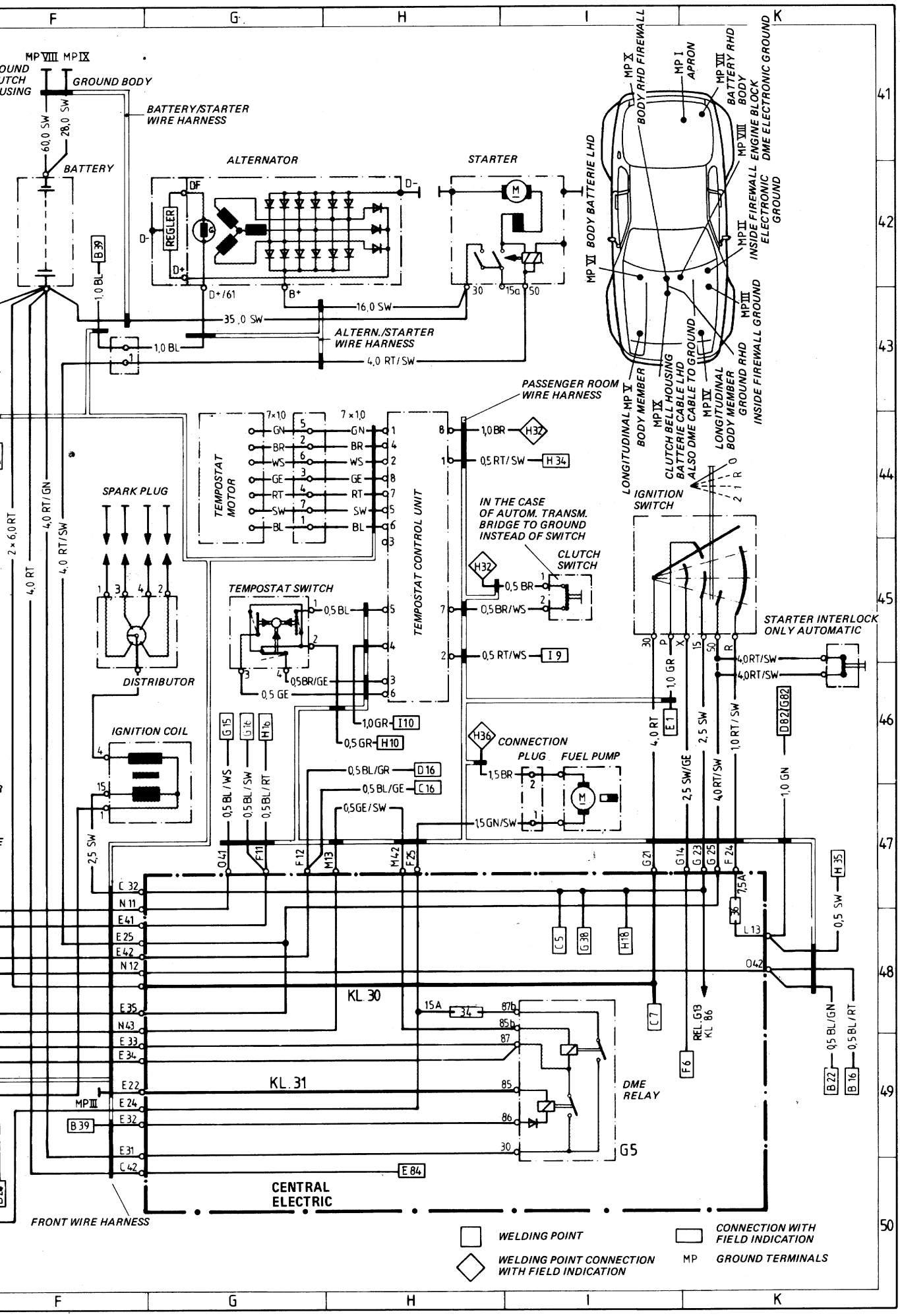
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 7

ENGINE COMPARTMENT, TEMPOSTAT – 944

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 7

ENGINE COMPARTMENT, TEMPOSTAT – 944



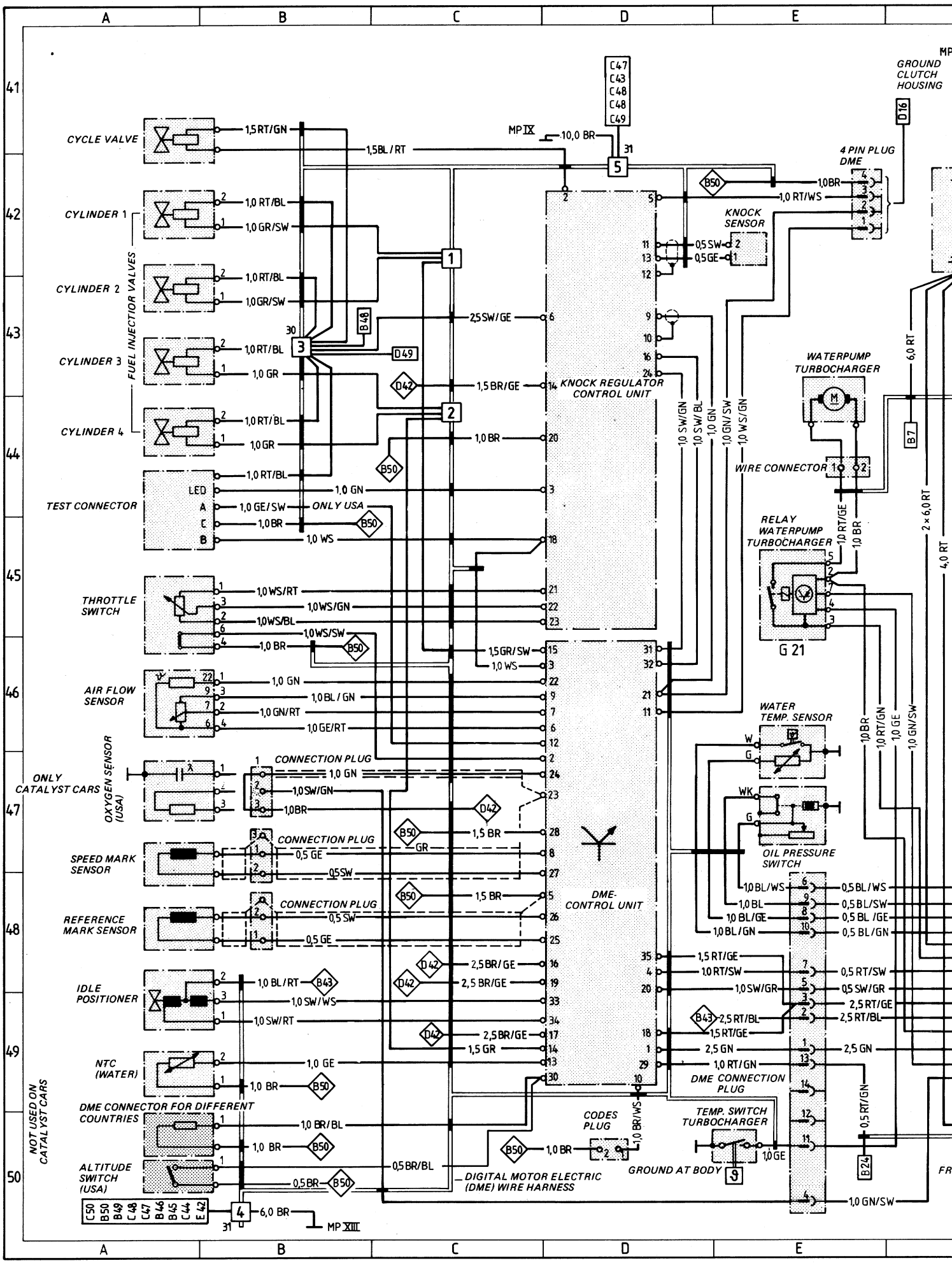

GROUND BODY
BATTERY/STARTER WIRE HARNESS
BATTERY
ALTERNATOR
STARTER
REGLER
ALTERN./STARTER WIRE HARNESS
PASSENGER ROOM WIRE HARNESS
TEMPOSTAT MOTOR
TEMPOSTAT CONTROL UNIT
SPARK PLUG
DISTRIBUTOR
IGNITION COIL
TEMPOSTAT SWITCH
IN THE CASE OF AUTOM. TRANSM. BRIDGE TO GROUND INSTEAD OF SWITCH
CLUTCH SWITCH
IGNITION SWITCH
STARTER INTERLOCK ONLY AUTOMATIC
CONNECTION PLUG
FUEL PUMP
KL. 30
KL. 31
DME RELAY
CENTRAL ELECTRIC
FRONT WIRE HARNESS
BODY RHD FIREWALL
APRON
BATTERY RHD BODY
ENGINE BLOCK DME ELECTRONIC GROUND
BODY BATTERIE LHD
INSIDE FIREWALL ELECTRONIC GROUND
INSIDE FIREWALL GROUND
LONGITUDINAL BODY MEMBER GROUND RHD
LONGITUDINAL BODY MEMBER
CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS

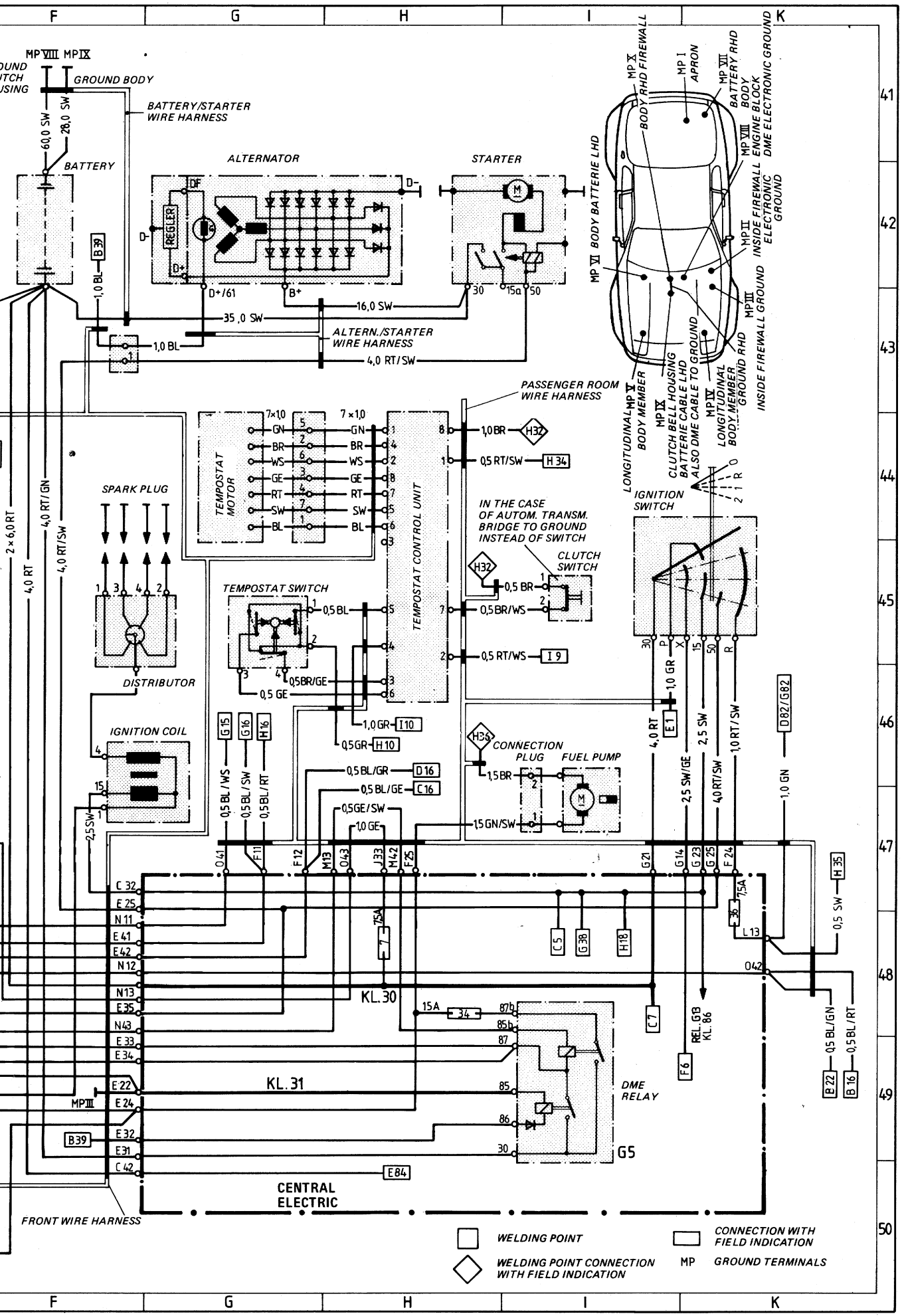
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 8

ENGINE COMPARTMENT, TEMPOSTAT – 944 TURBO

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 8

ENGINE COMPARTMENT, TEMPOSTAT – 944 TURBO



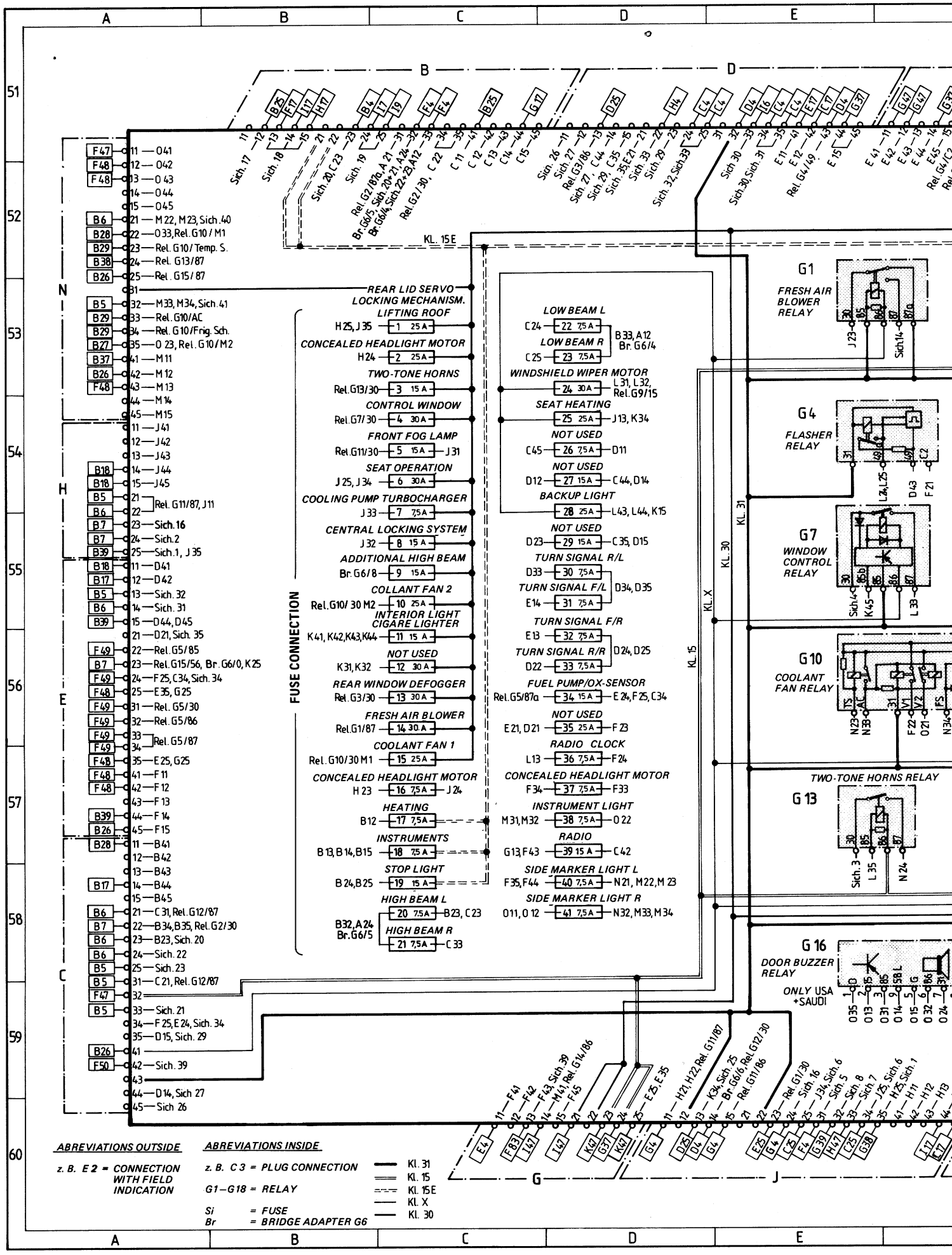

F G H I K
MP VIII MP IX
GROUND BODY
BATTERY/STARTER WIRE HARNESS
60,0 SW
28,0 SW
BATTERY
B39
1,0 BL
ALTERNATOR
REGLER
DF
D-
D+
D+/61
B+
STARTER
M
30
15a
50
16,0 SW
35,0 SW
ALTERN./STARTER WIRE HARNESS
1,0 BL
4,0 RT/SW
MP X BODY RHD FIREWALL
MP I APRON
MP VII BATTERY RHD BODY
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP VI BODY BATTERIE LHD
MP II INSIDE FIREWALL ELECTRONIC GROUND
MP III INSIDE FIREWALL GROUND
MP V LONGITUDINAL BODY MEMBER
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
MP IV LONGITUDINAL BODY MEMBER GROUND RHD
PASSENGER ROOM WIRE HARNESS
7×1,0
GN
BR
WS
GE
RT
SW
BL
TEMPOSTAT MOTOR
TEMPOSTAT CONTROL UNIT
1,0 BR
H32
0,5 RT/SW
H 34
IN THE CASE OF AUTOM. TRANSM. BRIDGE TO GROUND INSTEAD OF SWITCH
CLUTCH SWITCH
0,5 BR
0,5 BR/WS
0,5 RT/WS
I 9
IGNITION SWITCH
0 1 2 R
30 P X 15 50 R
SPARK PLUG
2×6,0 RT
4,0 RT
4,0 RT/GN
4,0 RT/SW
DISTRIBUTOR
TEMPOSTAT SWITCH
0,5 BL
0,5 BR/GE
0,5 GE
1,0 GR
I 10
0,5 GR
H 10
IGNITION COIL
G 15
G 16
H 16
0,5 BL/WS
0,5 BL/SW
0,5 BL/RT
0,5 BL/GR
D 16
0,5 BL/GE
C 16
0,5 GE/SW
1,0 GE
H36
CONNECTION PLUG
FUEL PUMP
1,5 BR
1,5 GN/SW
1,0 GR
E 1
4,0 RT
2,5 SW
2,5 SW/GE
4,0 RT/SW
1,0 RT/SW
D82/G82
1,0 GN
2,5 SW
O 41
F 11
F 12
M 13
O 43
J 33
M 42
F 25
G 21
G 14
G 23
G 25
F 24
7,5A
F 36
L 13
H 35
0,5 SW
O 42
C 32
E 25
N 11
E 41
E 42
N 12
N 13
E 35
N 43
E 33
E 34
E 22
E 24
E 32
E 31
C 42
MP III
B39
7,5A
F 7
KL. 30
15A
F 34
87b
85b
87
85
86
30
DME RELAY
G5
C 5
G 38
H 18
C 7
REL. G19 KL. 86
F 6
0,5 BL/GN
0,5 BL/RT
B 22
B 16
KL. 31
E 84
CENTRAL ELECTRIC
FRONT WIRE HARNESS
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
41 42 43 44 45 46 47 48 49 50

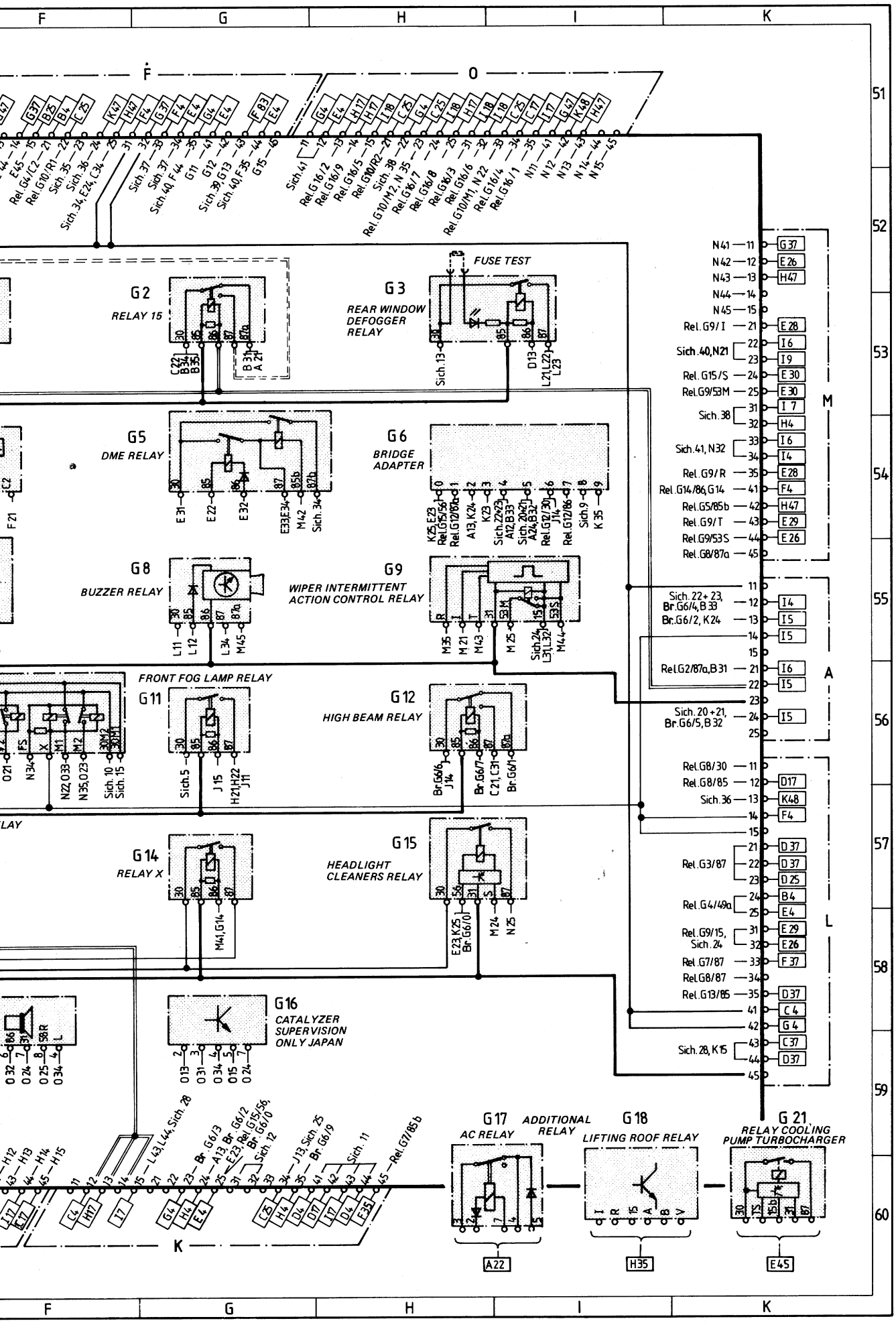
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 9

CENTRAL ELECTRICAL SYSTEM

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 9

CENTRAL ELECTRICAL SYSTEM



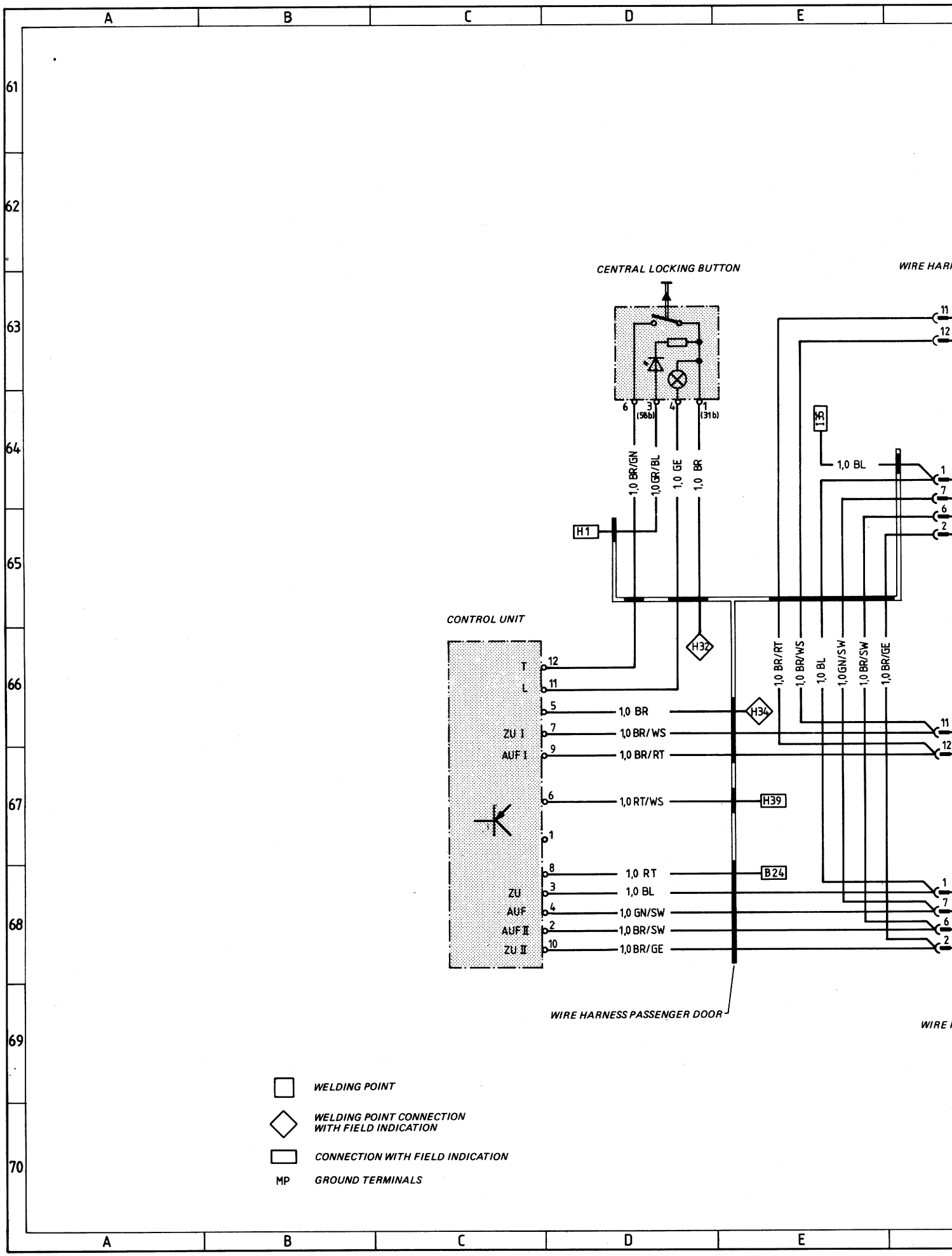

F
G
H
I
K
51
52
53
54
55
56
57
58
59
60
G2
RELAY 15
G3
REAR WINDOW DEFOGGER RELAY
FUSE TEST
G5
DME RELAY
G6
BRIDGE ADAPTER
G8
BUZZER RELAY
G9
WIPER INTERMITTENT ACTION CONTROL RELAY
FRONT FOG LAMP RELAY
G11
G12
HIGH BEAM RELAY
G14
RELAY X
G15
HEADLIGHT CLEANERS RELAY
G16
CATALYZER SUPERVISION ONLY JAPAN
G17
AC RELAY
ADDITIONAL RELAY
G18
LIFTING ROOF RELAY
G21
RELAY COOLING PUMP TURBOCHARGER
A22
H35
E45
M
A
L

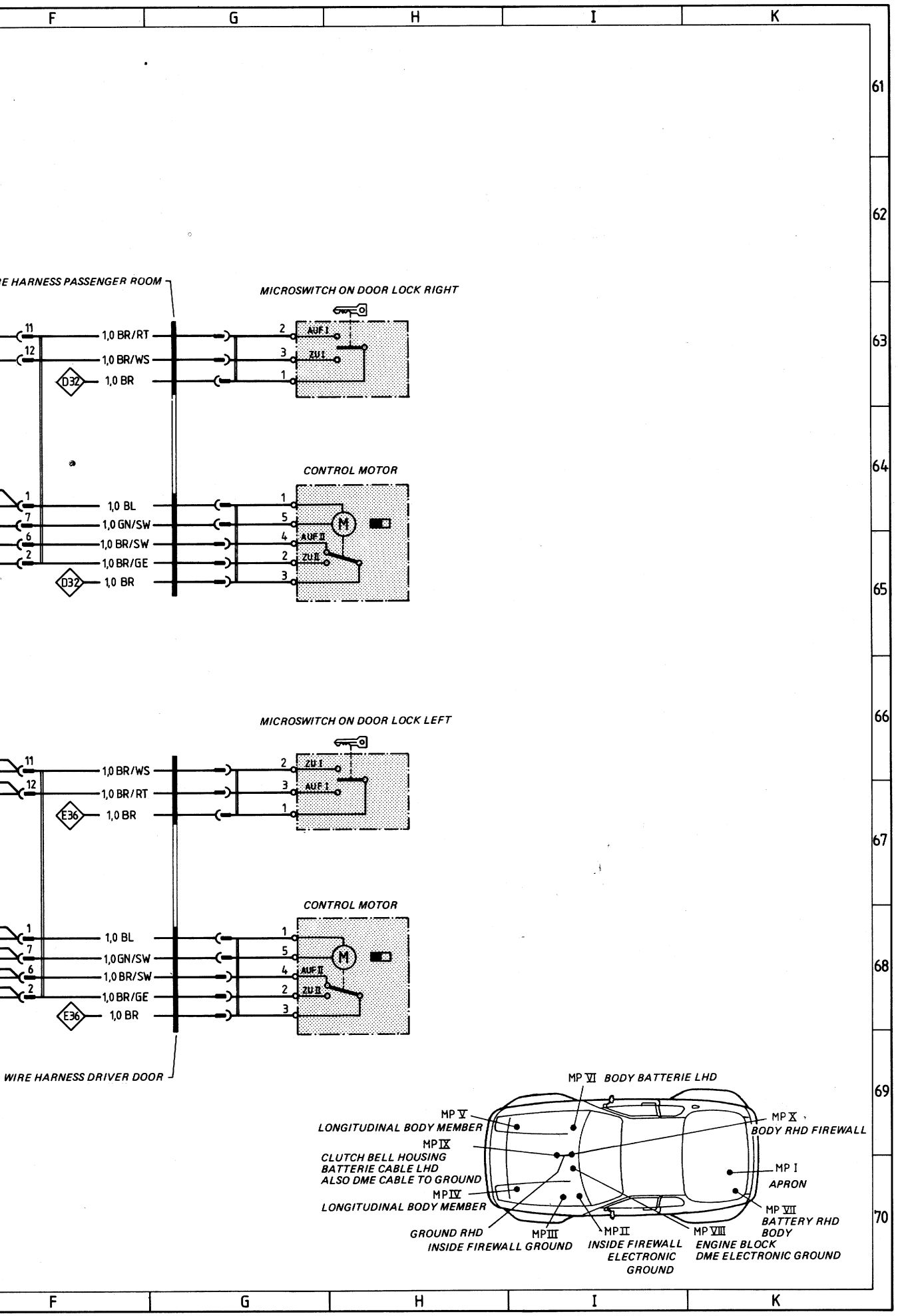
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 10

CENTRAL LOCKING SYSTEM

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 10

CENTRAL LOCKING SYSTEM



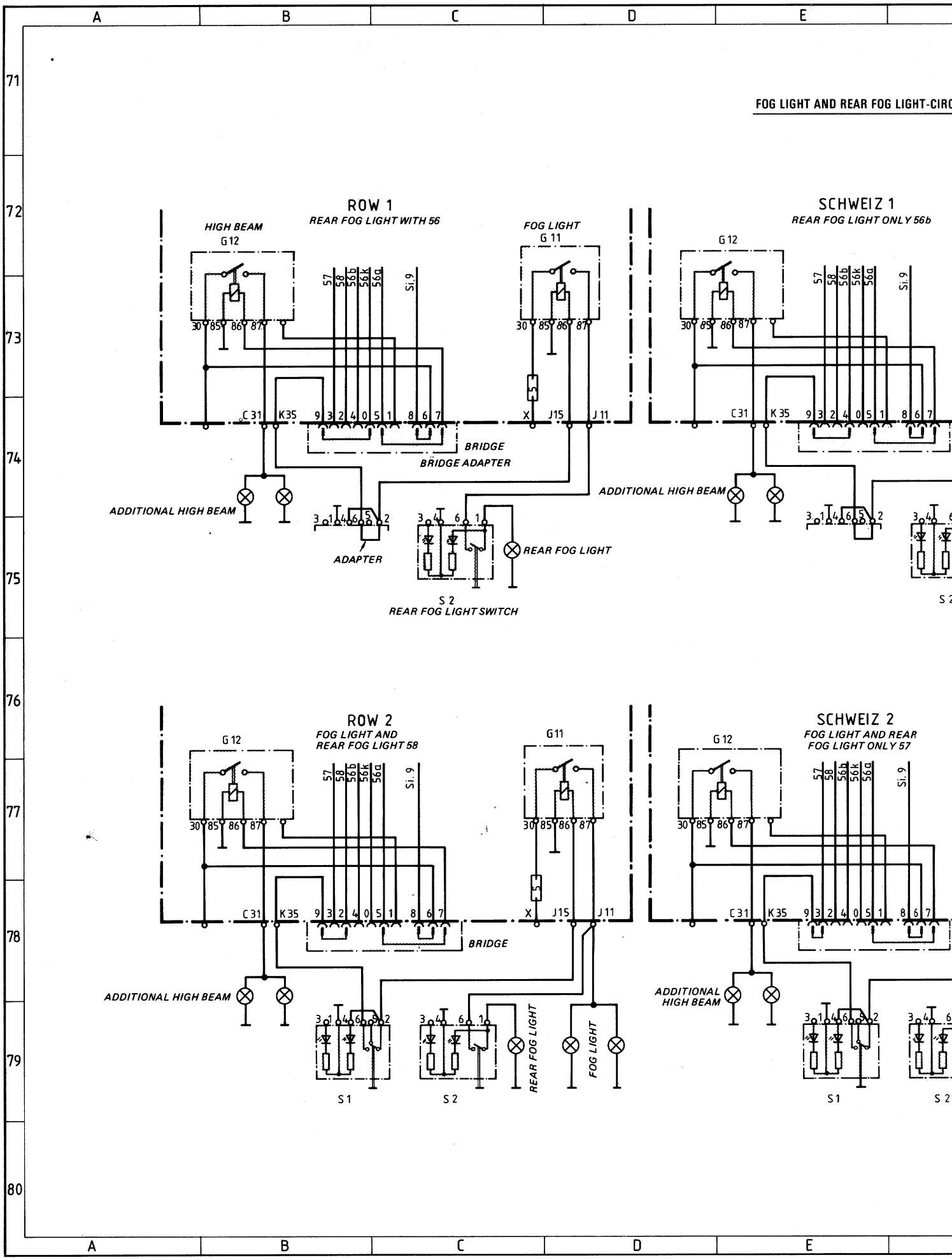

F
G
H
I
K
61
62
63
64
65
66
67
68
69
70
E HARNESS PASSENGER ROOM
MICROSWITCH ON DOOR LOCK RIGHT
11
12
1,0 BR/RT
1,0 BR/WS
D32
1,0 BR
2
3
1
AUF I
ZU I
CONTROL MOTOR
1
7
6
2
1,0 BL
1,0 GN/SW
1,0 BR/SW
1,0 BR/GE
D32
1,0 BR
1
5
4
2
3
M
AUF II
ZU II
MICROSWITCH ON DOOR LOCK LEFT
11
12
1,0 BR/WS
1,0 BR/RT
E36
1,0 BR
2
3
1
ZU I
AUF I
CONTROL MOTOR
1
7
6
2
1,0 BL
1,0 GN/SW
1,0 BR/SW
1,0 BR/GE
E36
1,0 BR
1
5
4
2
3
M
AUF II
ZU II
WIRE HARNESS DRIVER DOOR
MP VI BODY BATTERIE LHD
MP V
LONGITUDINAL BODY MEMBER
MP X
BODY RHD FIREWALL
MP IX
CLUTCH BELL HOUSING
BATTERIE CABLE LHD
ALSO DME CABLE TO GROUND
MP I
APRON
MP IV
LONGITUDINAL BODY MEMBER
MP VII
BATTERY RHD
BODY
GROUND RHD
INSIDE FIREWALL GROUND
MP III
MP II
INSIDE FIREWALL
ELECTRONIC
GROUND
MP VIII
ENGINE BLOCK
DME ELECTRONIC GROUND

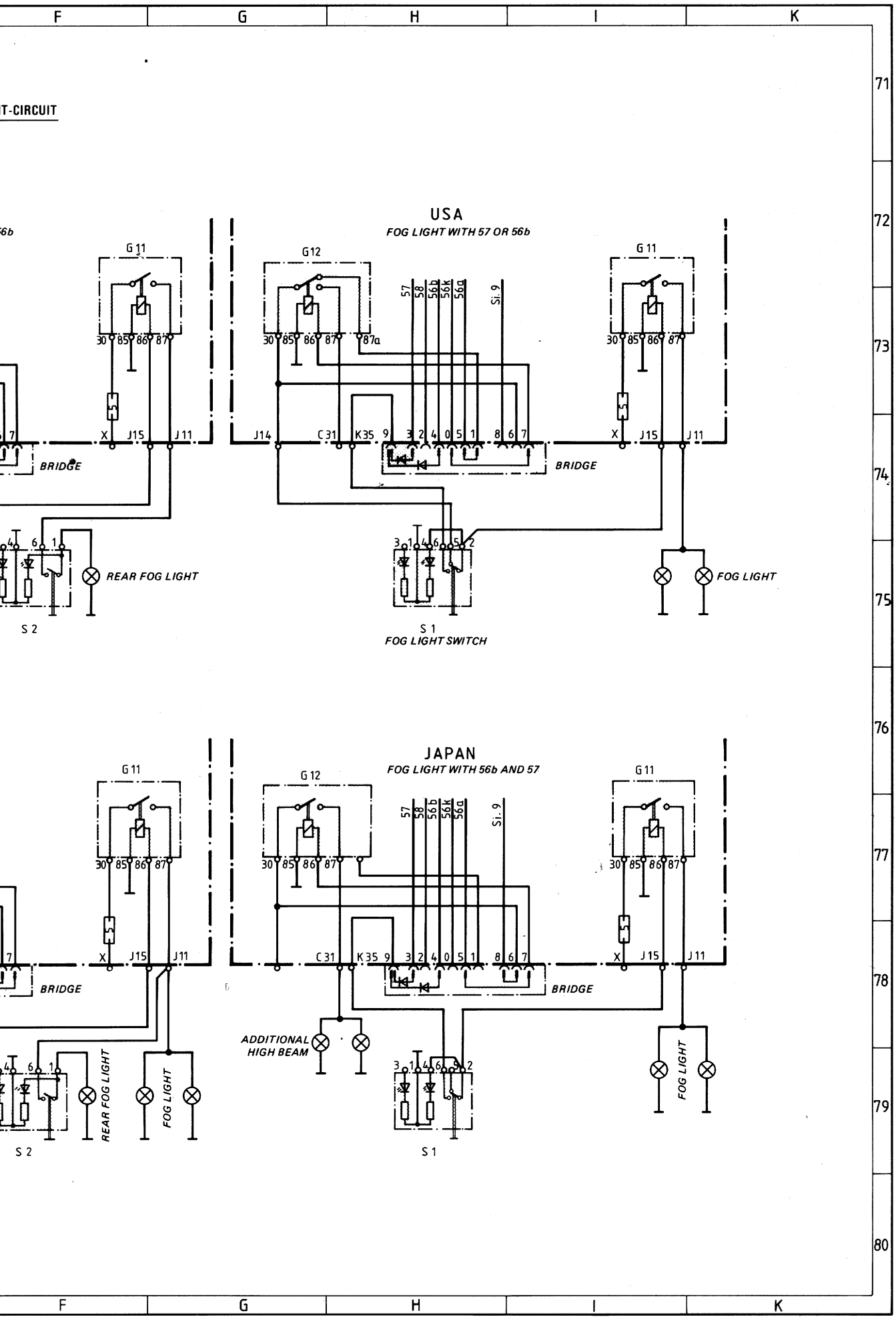
Wiring Diagram Type 944, 944 turbo Model 86 Sheet 11

FOG LIGHT, FOG TAIL LIGHT

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 1

FOG LIGHT, FOG TAIL LIGHT



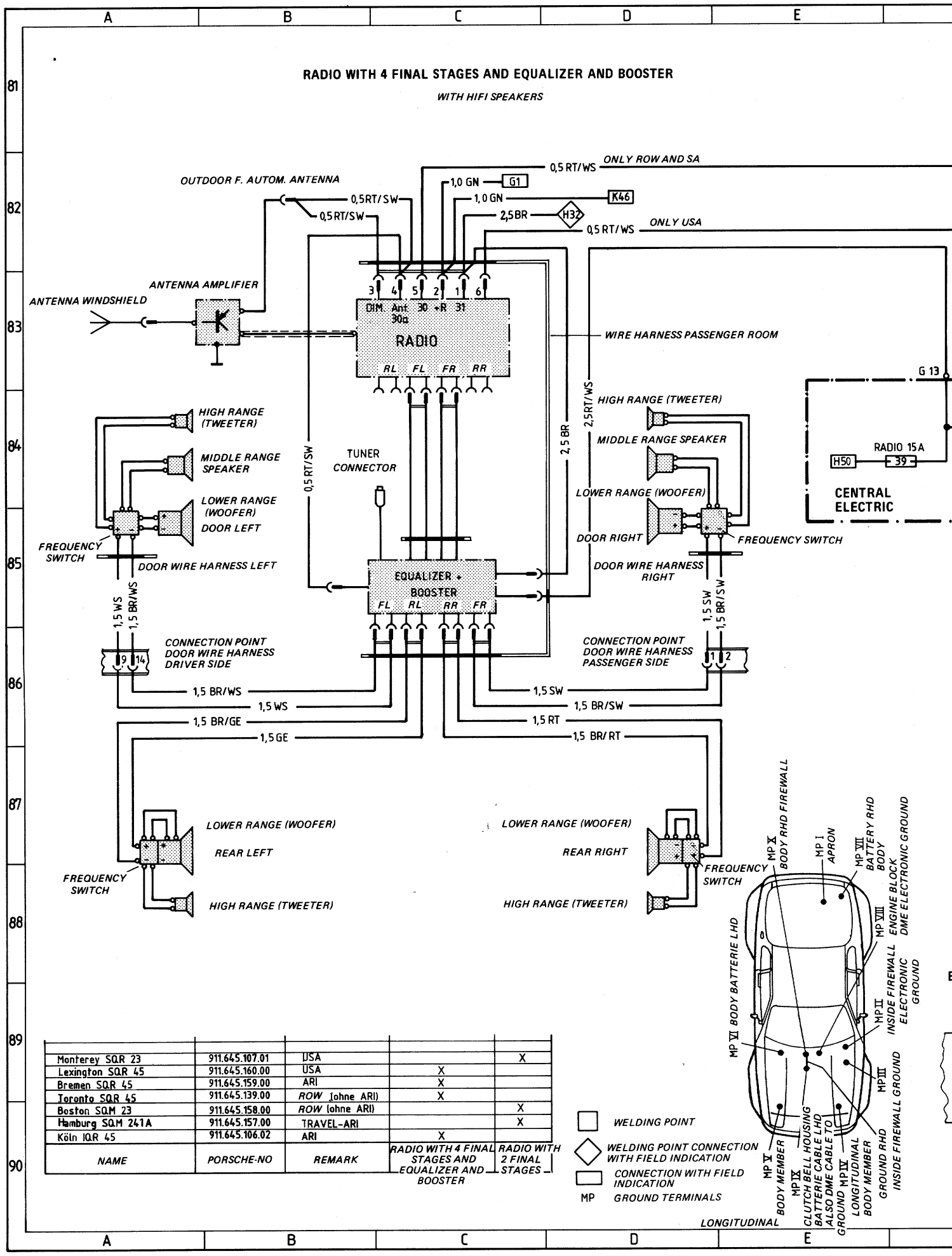

F
G
H
I
K
71
72
73
74
75
76
77
78
79
80
T-CIRCUIT
USA
FOG LIGHT WITH 57 OR 56b
G 11
G 12
30 85 86 87
87a
57
58
56b
56k
56a
Si. 9
X
J 15
J 11
J 14
C 31
K 35
BRIDGE
REAR FOG LIGHT
FOG LIGHT
S 2
S 1
FOG LIGHT SWITCH
JAPAN
FOG LIGHT WITH 56b AND 57
ADDITIONAL HIGH BEAM

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 12

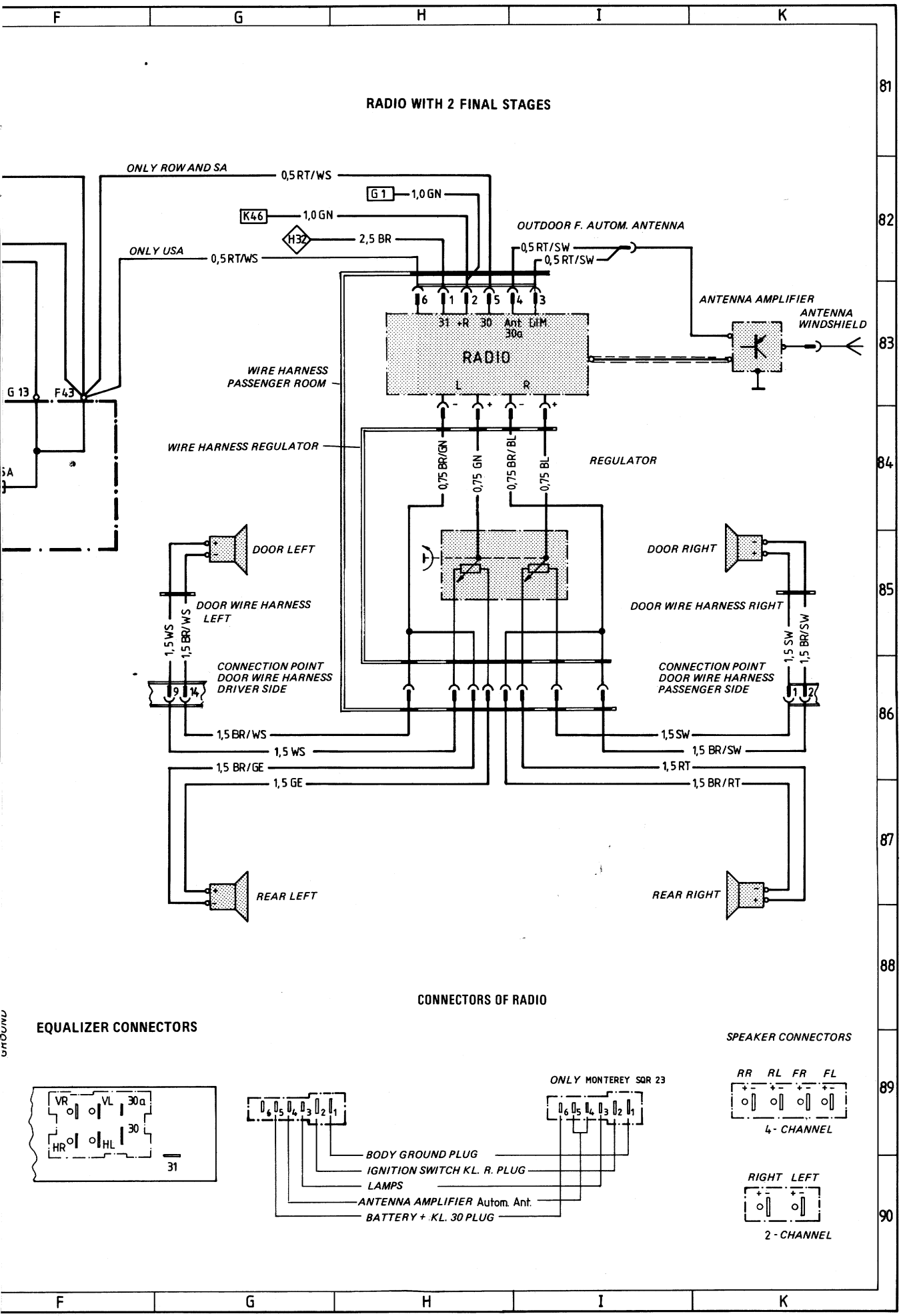
RADIO

Wiring Diagram Type 944, 944 turbo Model 86 Sheet 12

RADIO



NAME	PORSCHE-NO	REMARK	RADIO WITH 4 FINAL STAGES AND EQUALIZER AND BOOSTER	RADIO WITH 2 FINAL STAGES
Monterey SQR 23	911.645.107.01	USA		X
Lexington SQR 45	911.645.160.00	USA	X	
Bremen SQR 45	911.645.159.00	ARI	X	
Toronto SQR 45	911.645.139.00	ROW (ohne ARI)	X	
Boston SQM 23	911.645.158.00	ROW (ohne ARI)		X
Hamburg SQM 241A	911.645.157.00	TRAVEL-ARI		X
Köln IQR 45	911.645.106.02	ARI	X	


F G H I K
81 82 83 84 85 86 87 88 89 90
RADIO WITH 2 FINAL STAGES
ONLY ROW AND SA
0,5 RT/WS
G 1
1,0 GN
K46
1,0 GN
H32
2,5 BR
ONLY USA
0,5 RT/WS
OUTDOOR F. AUTOM. ANTENNA
0,5 RT/SW
0,5 RT/SW
ANTENNA AMPLIFIER
ANTENNA WINDSHIELD
6 1 2 5 4 3
31 +R 30 Ant 30a DIM
RADIO
L R
WIRE HARNESS PASSENGER ROOM
G 13
F43
WIRE HARNESS REGULATOR
0,75 BR/GN
0,75 GN
0,75 BR/BL
0,75 BL
REGULATOR
DOOR LEFT
DOOR RIGHT
DOOR WIRE HARNESS LEFT
DOOR WIRE HARNESS RIGHT
1,5 WS
1,5 BR/WS
1,5 SW
1,5 BR/SW
CONNECTION POINT DOOR WIRE HARNESS DRIVER SIDE
CONNECTION POINT DOOR WIRE HARNESS PASSENGER SIDE
9 14
1 2
1,5 BR/WS
1,5 WS
1,5 BR/GE
1,5 GE
1,5 SW
1,5 BR/SW
1,5 RT
1,5 BR/RT
REAR LEFT
REAR RIGHT
CONNECTORS OF RADIO
EQUALIZER CONNECTORS
VR VL 30a
30
HR HL
31
ONLY MONTEREY SQR 23
6 5 4 3 2 1
BODY GROUND PLUG
IGNITION SWITCH KL. R. PLUG
LAMPS
ANTENNA AMPLIFIER Autom. Ant.
BATTERY + KL. 30 PLUG
SPEAKER CONNECTORS
RR RL FR FL
4 - CHANNEL
RIGHT LEFT
2 - CHANNEL

Wiring Diagram Type 944, 944 turbo 944 S Model 87

Wiring Diagram Type 944, 944 turbo 944 S Model 87

The wiring diagram consists of **14** individual wiring diagrams. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dash-dotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

The 20-pin connectors on the central-electrics box are clipped together out of 5 parts.

Part 1, with the moulded-on fastening lug, is the "starting element".

Parts 2, 3 and 4 are "module elements".

Parts 1 to 4 are identified by the numbers 1 . . . . . 5.

Part 5 is a "coding element".

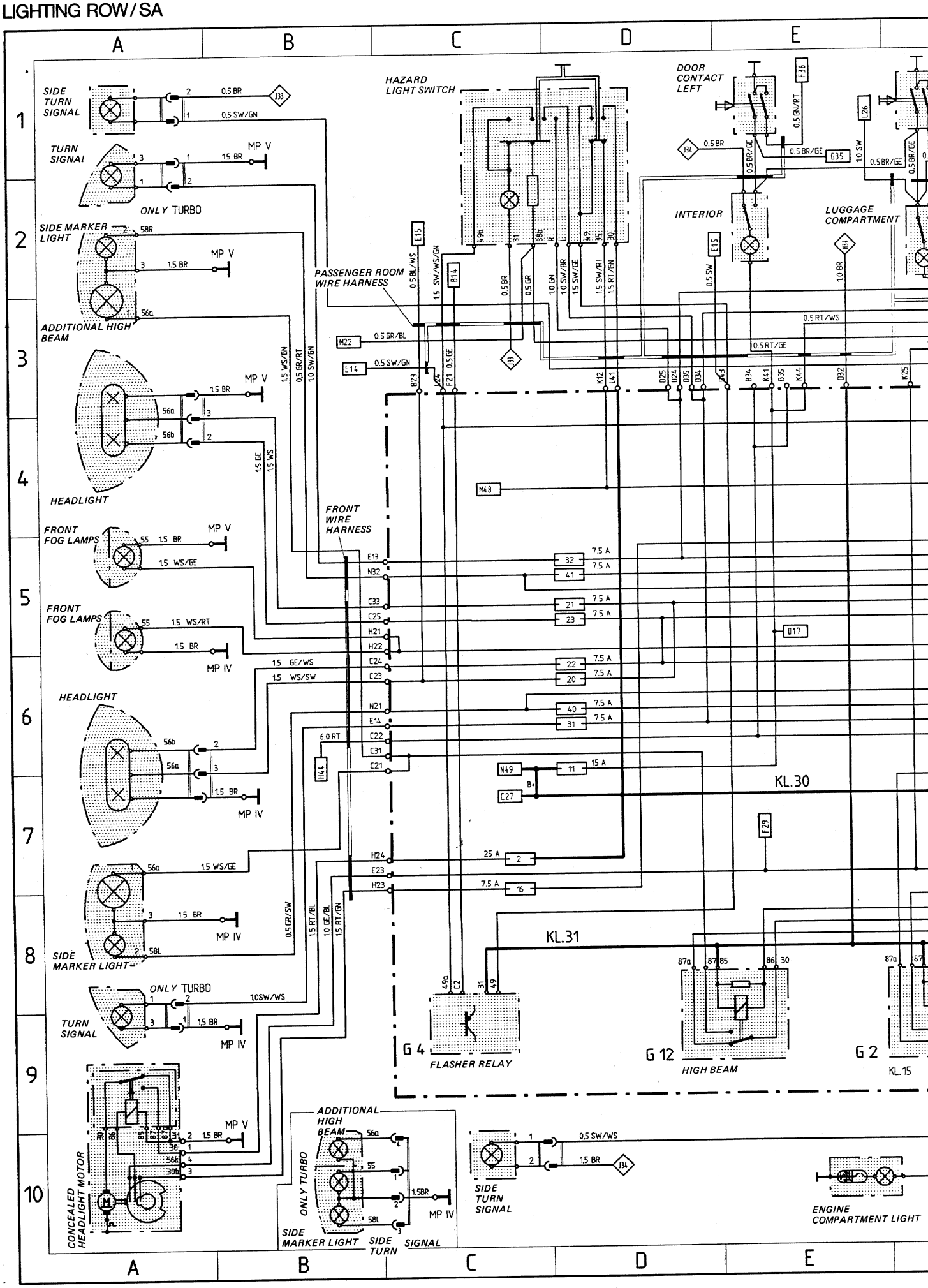
The designations of the plug connections in the wiring diagram of the central-electrics box refer to the "starting element" from, for example, B 11 . . . . . 15, and to the first module element from B 21 . . . . . 25.

Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 1

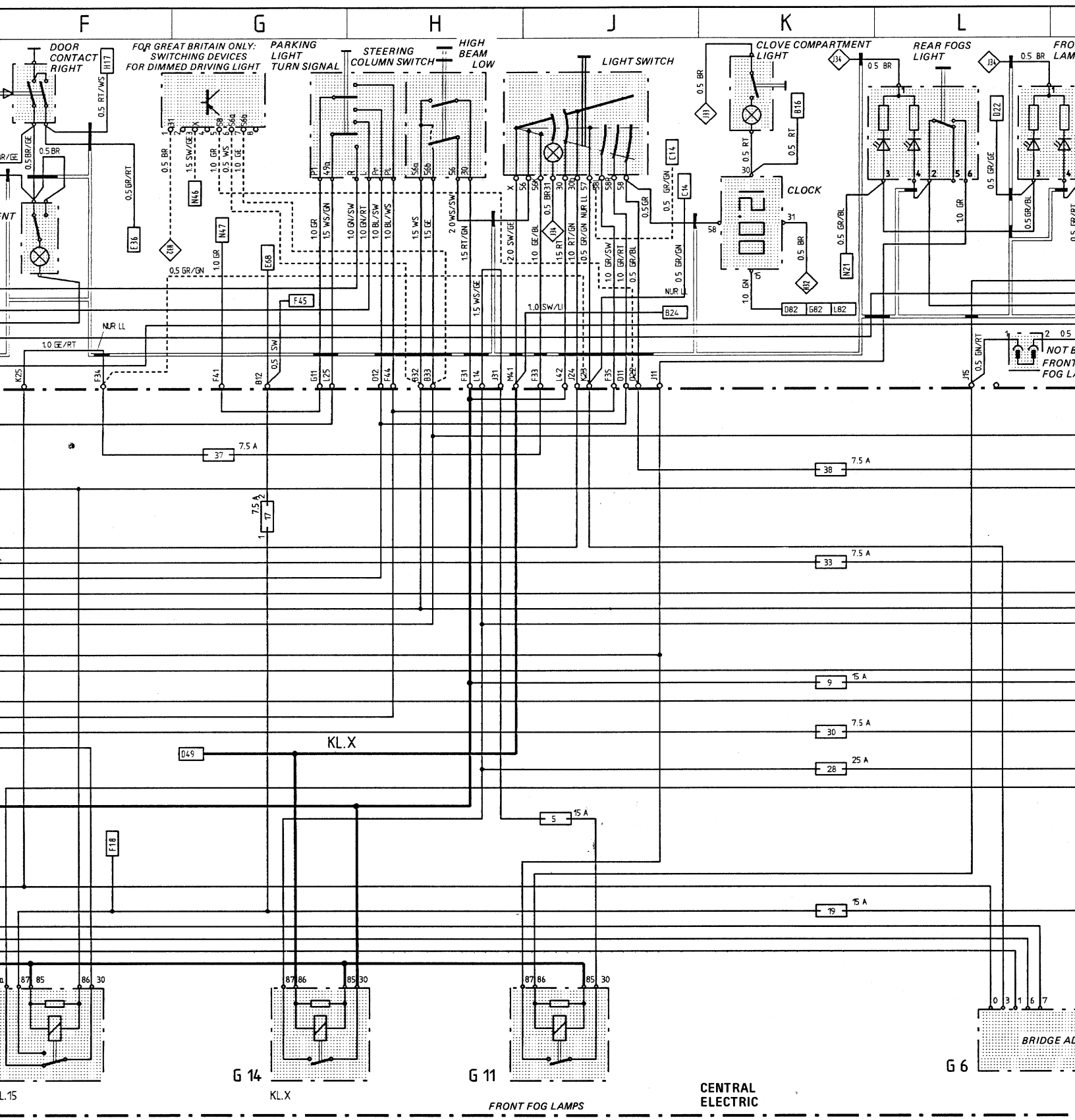
LIGHTING ROW/SA

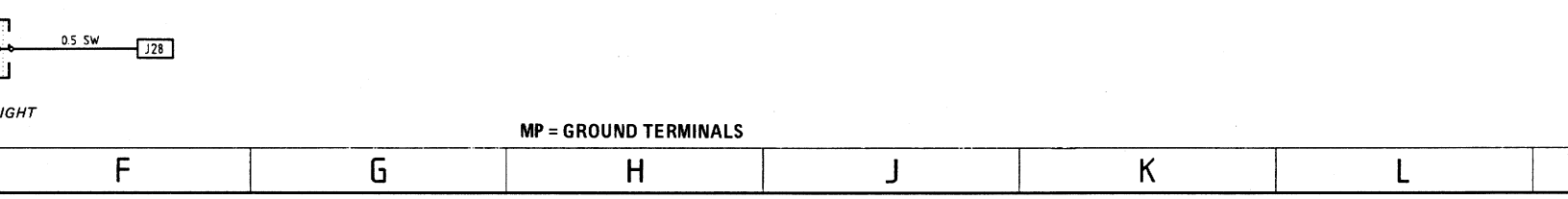
Wiring Diagram Type 944, 944 turbo, 944 S Model 87 S

LIGHTING ROW / SA



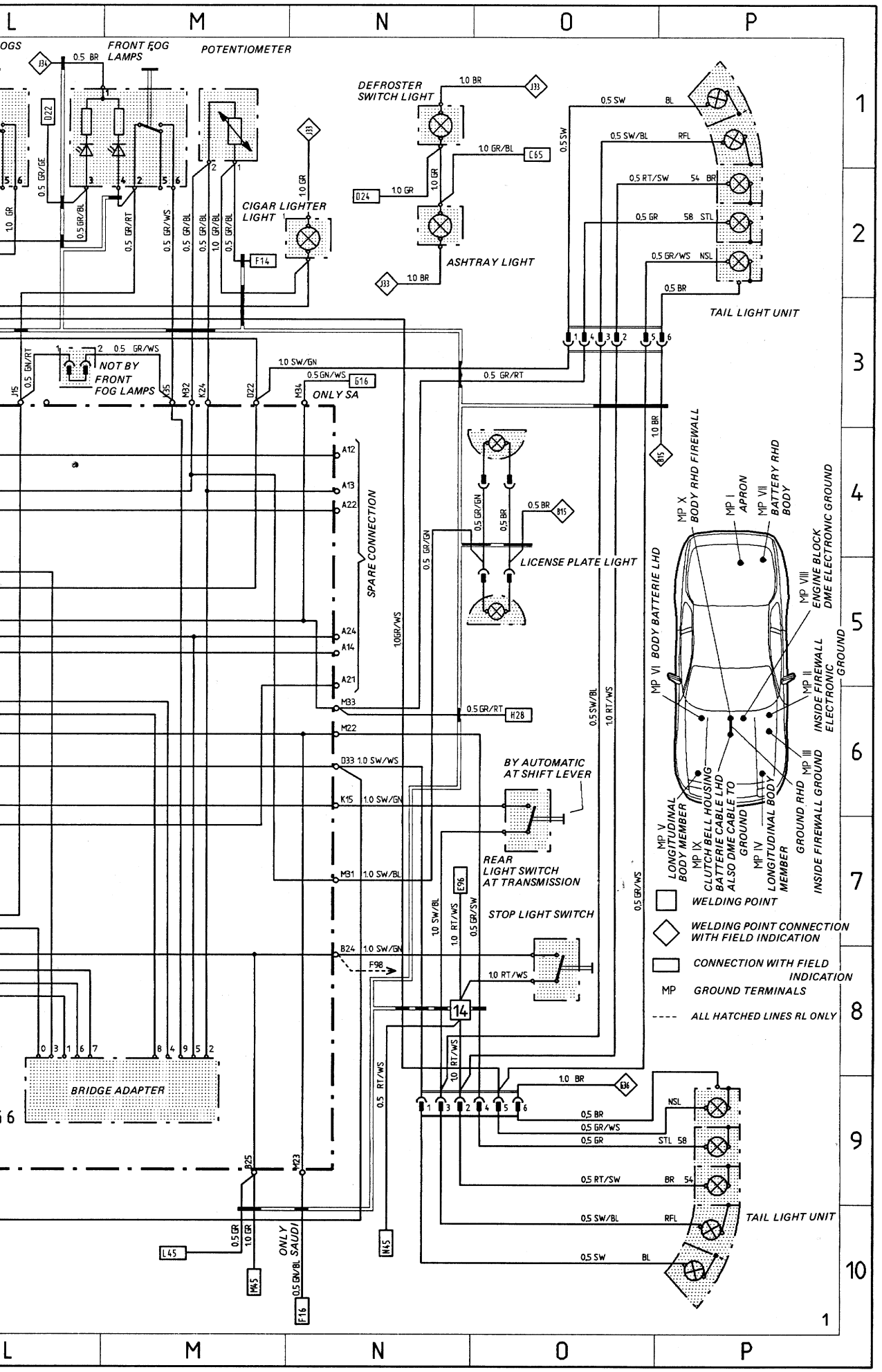
' Sheet 1





MP = GROUND TERMINALS

F G H J K L

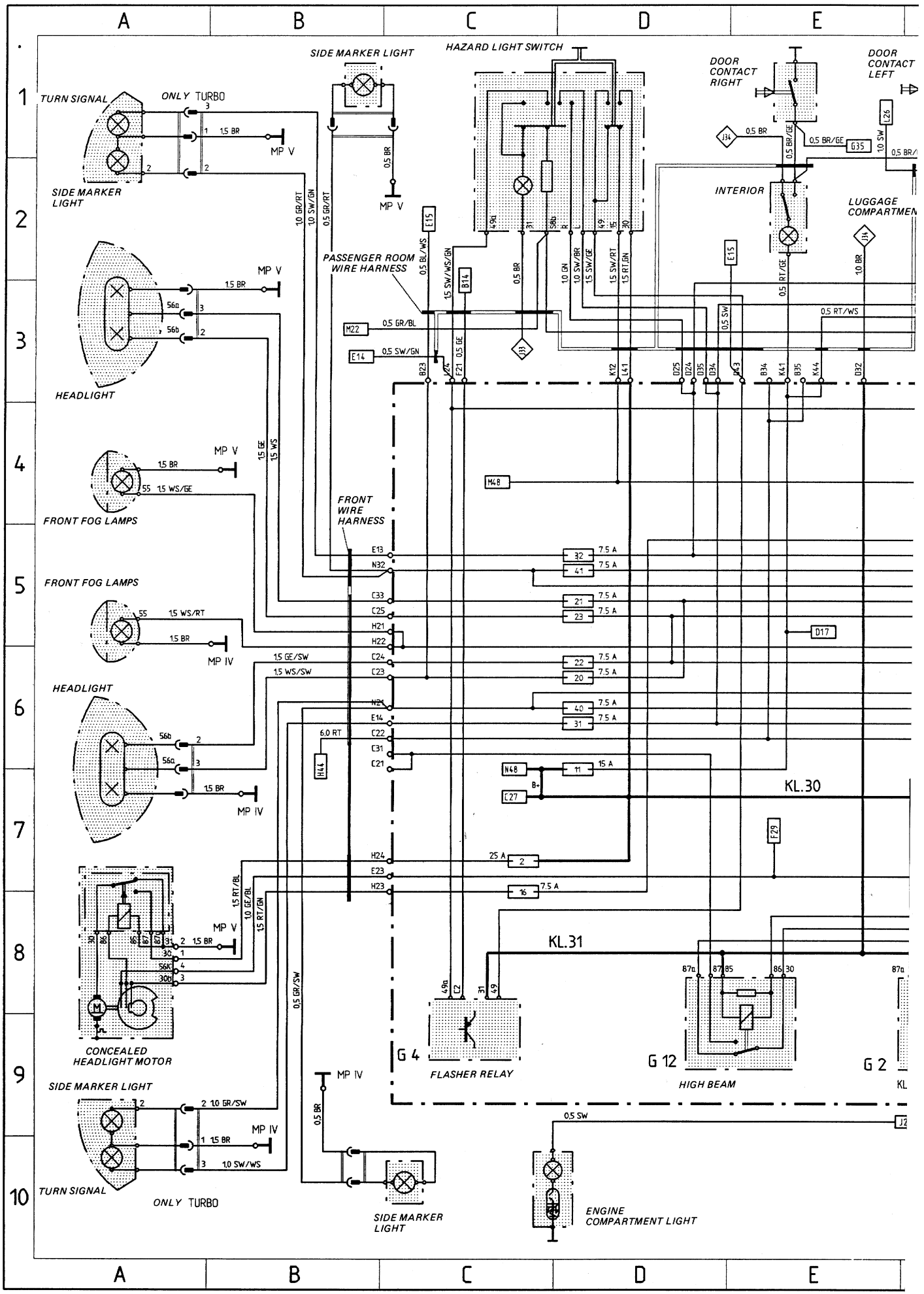

L
M
N
O
P
FRONT FOG LAMPS
POTENTIOMETER
DEFROSTER SWITCH LIGHT
CIGAR LIGHTER LIGHT
ASHTRAY LIGHT
TAIL LIGHT UNIT
NOT BY FRONT FOG LAMPS
ONLY SA
SPARE CONNECTION
LICENSE PLATE LIGHT
BY AUTOMATIC AT SHIFT LEVER
REAR LIGHT SWITCH AT TRANSMISSION
STOP LIGHT SWITCH
BRIDGE ADAPTER
ONLY SAUDI
MP X BODY RHD FIREWALL
MP I APRON
MP VII BATTERY RHD BODY
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP VI BODY BATTERIE LHD
MP II INSIDE FIREWALL ELECTRONIC GROUND
MP III GROUND RHD INSIDE FIREWALL GROUND
MP V LONGITUDINAL BODY MEMBER
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
MP IV LONGITUDINAL BODY MEMBER
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
ALL HATCHED LINES RL ONLY

Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 2

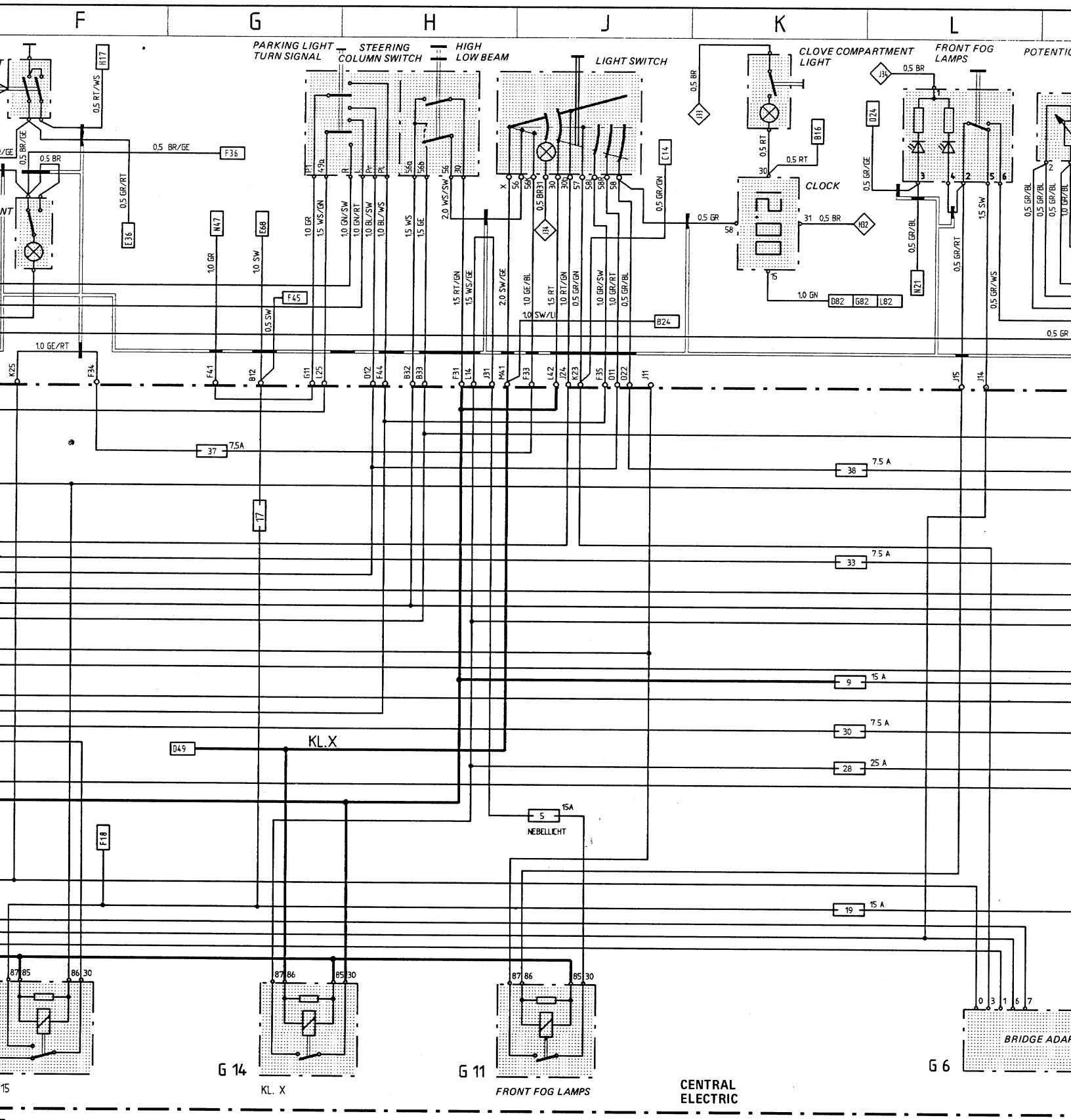
LIGHTING USA

Wiring Diagram Type 944, 944 turbo, 944 S Model 87

LIGHTING USA



Sheet 2



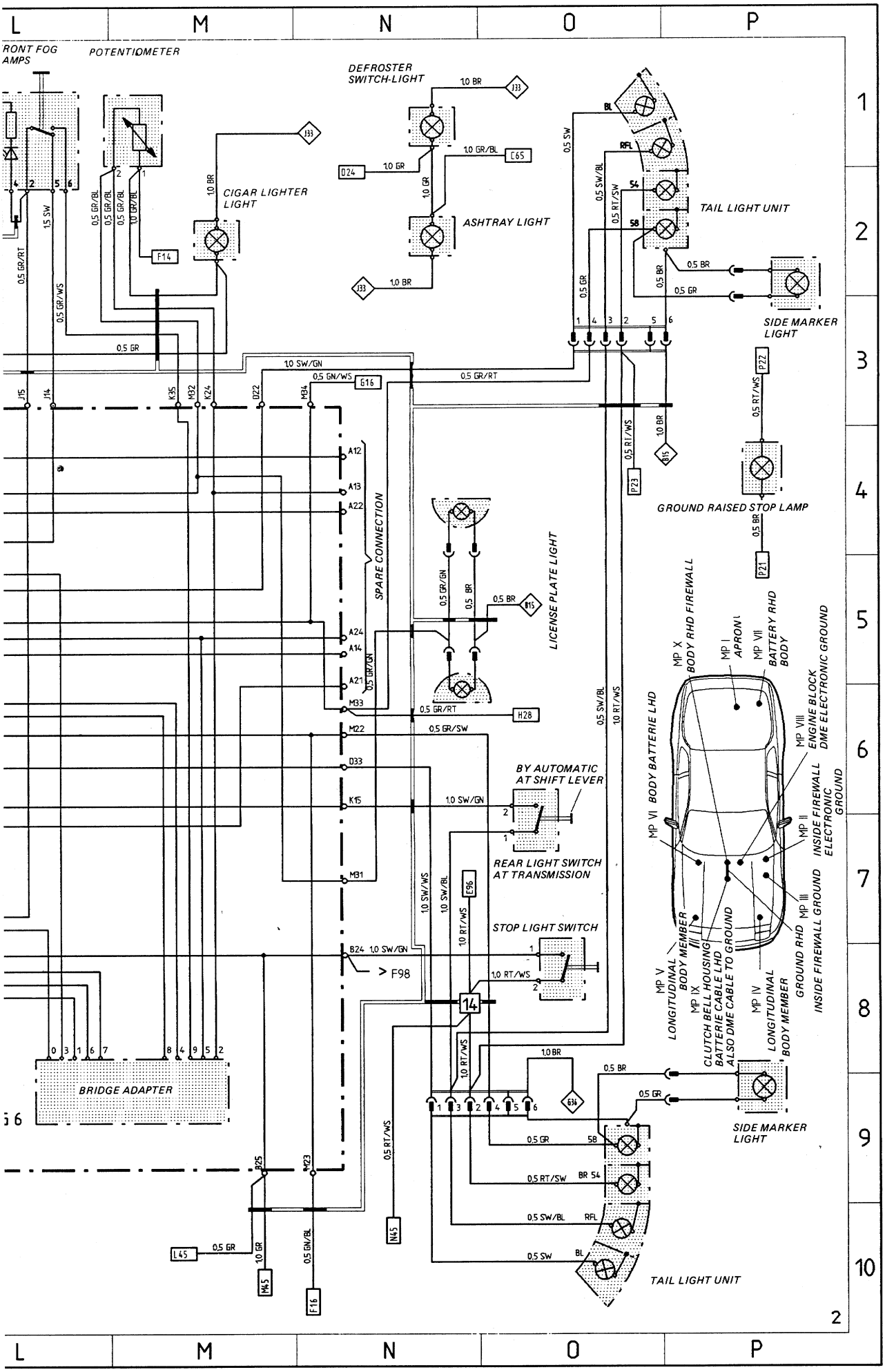
WELDING POINT

WELDING POINT CONNECTION WITH FIELD INDICATION

CONNECTION WITH FIELD INDICATION

MP GROUND TERMINALS

MP = GROUND TERMINALS


L
M
N
O
P
RONT FOG AMPS
POTENTIOMETER
DEFROSTER SWITCH-LIGHT
CIGAR LIGHTER LIGHT
ASHTRAY LIGHT
TAIL LIGHT UNIT
SIDE MARKER LIGHT
GROUND RAISED STOP LAMP
SPARE CONNECTION
LICENSE PLATE LIGHT
BY AUTOMATIC AT SHIFT LEVER
REAR LIGHT SWITCH AT TRANSMISSION
STOP LIGHT SWITCH
BRIDGE ADAPTER
MP X BODY RHD FIREWALL
MP I APRON
MP VII BATTERY RHD BODY
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP VI BODY BATTERIE LHD
MP II INSIDE FIREWALL ELECTRONIC GROUND
MP III INSIDE FIREWALL GROUND
MP V LONGITUDINAL BODY MEMBER
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
GROUND RHD
MP IV LONGITUDINAL BODY MEMBER
2

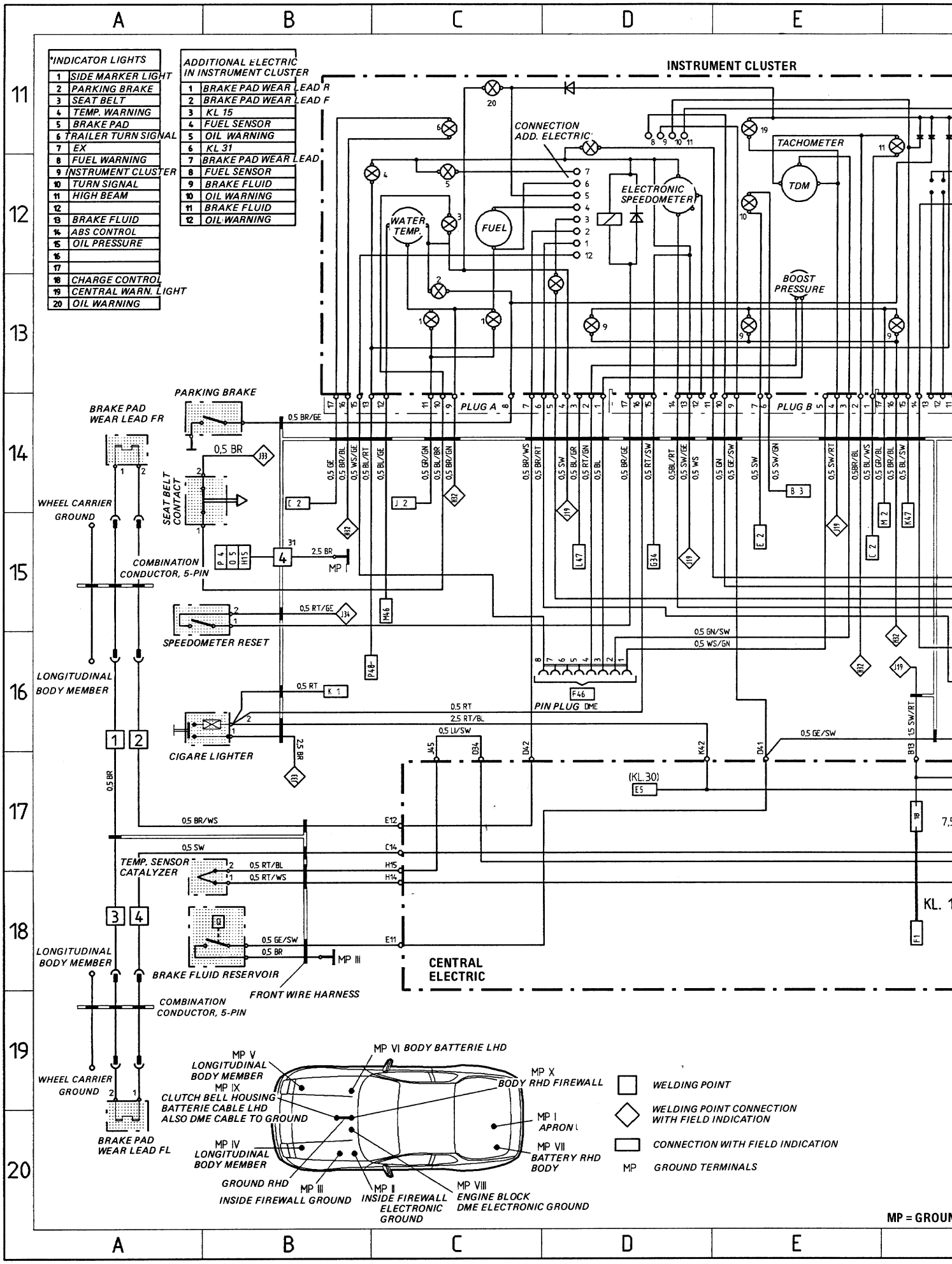
Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 3

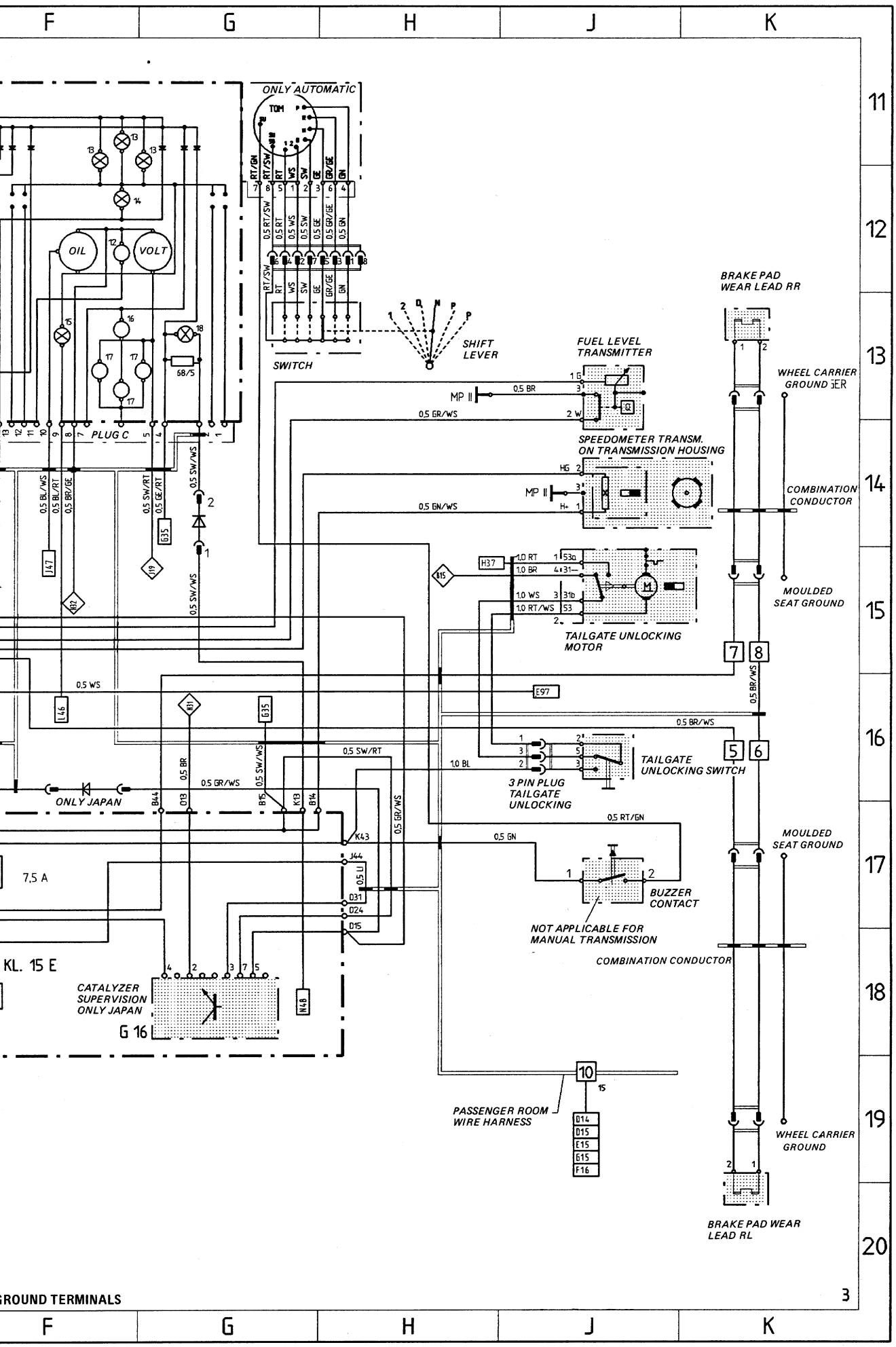
INSTRUMENT CLUSTER AND SENSORS

ROW

Wiring Diagram Type 944, 944 turbo, 944 S Model 87 She

INSTRUMENT CLUSTER AND SENSORS ROW




F
G
H
J
K
11
12
13
14
15
16
17
18
19
20
ONLY AUTOMATIC
TOM
SWITCH
SHIFT LEVER
OIL
VOLT
PLUG C
FUEL LEVEL TRANSMITTER
SPEEDOMETER TRANSM. ON TRANSMISSION HOUSING
BRAKE PAD WEAR LEAD RR
WHEEL CARRIER GROUND
COMBINATION CONDUCTOR
MOULDED SEAT GROUND
TAILGATE UNLOCKING MOTOR
TAILGATE UNLOCKING SWITCH
3 PIN PLUG TAILGATE UNLOCKING
ONLY JAPAN
7,5 A
BUZZER CONTACT
NOT APPLICABLE FOR MANUAL TRANSMISSION
COMBINATION CONDUCTOR
KL. 15 E
CATALYZER SUPERVISION ONLY JAPAN
G 16
PASSENGER ROOM WIRE HARNESS
WHEEL CARRIER GROUND
BRAKE PAD WEAR LEAD RL
GROUND TERMINALS
3

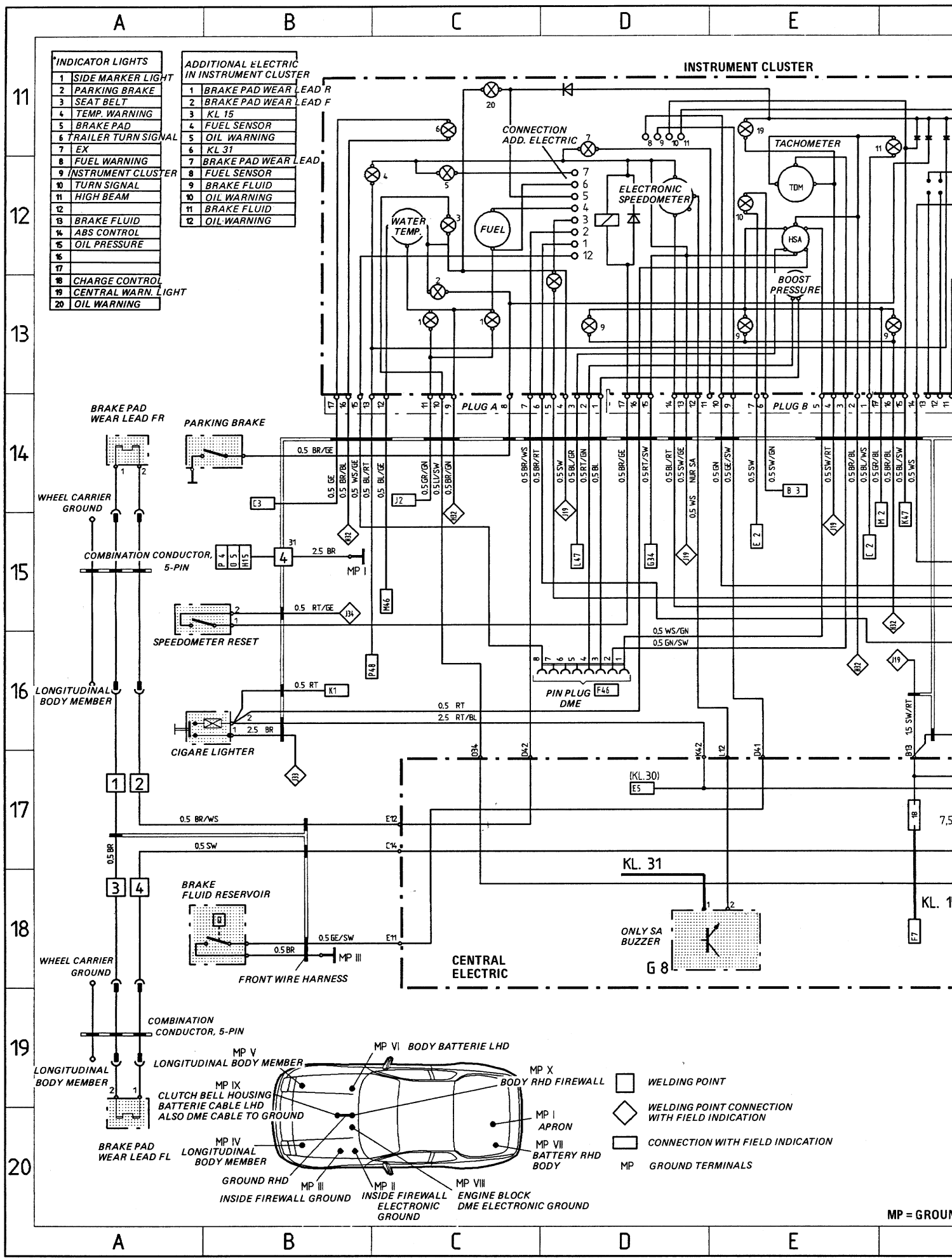
Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 4

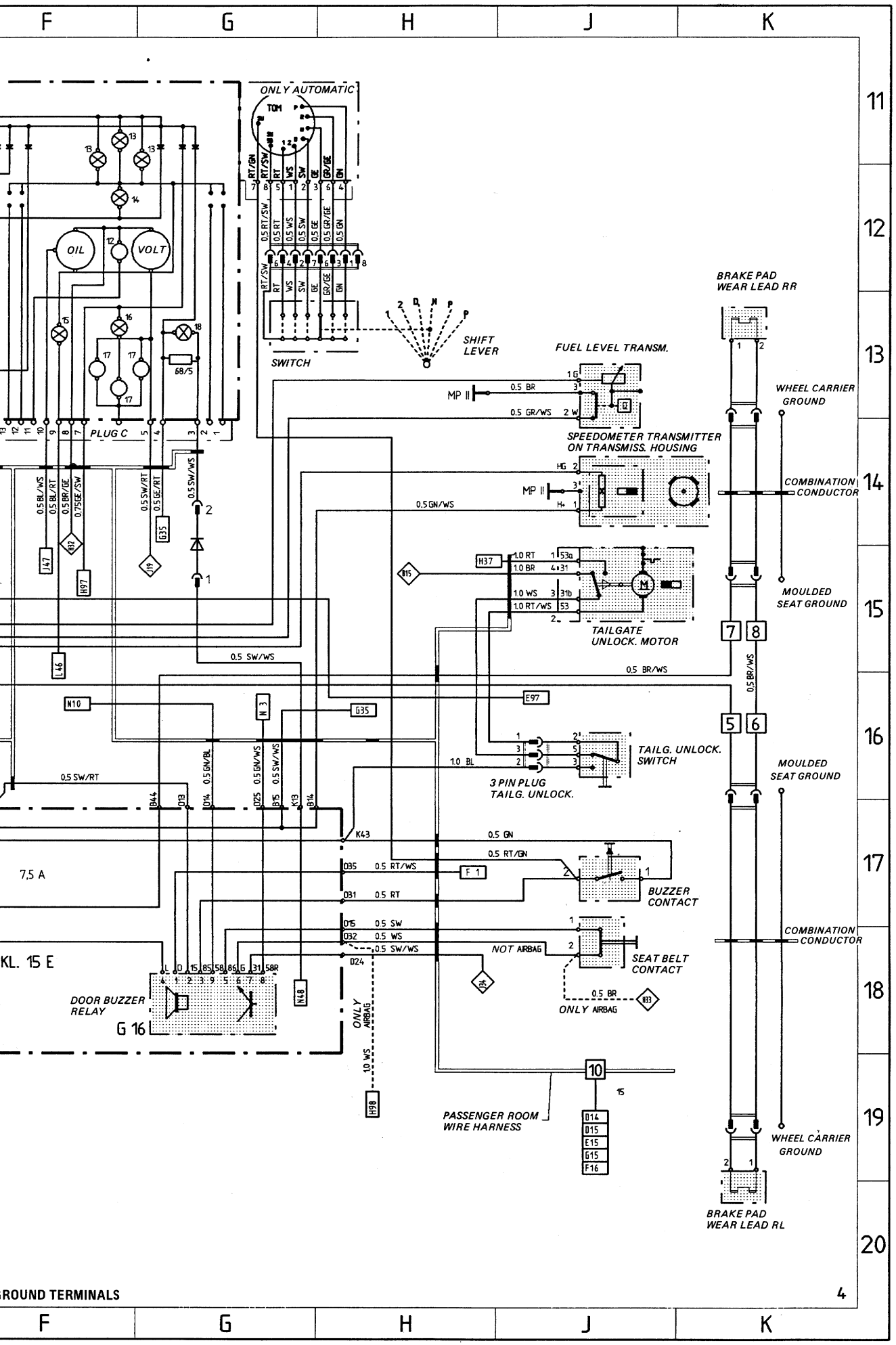
INSTRUMENT CLUSTER AND SENSORS

USA/SA

Wiring Diagram Type 944, 944 turbo, 944 S Model 87 She

INSTRUMENT CLUSTER AND SENSORS USA/SA



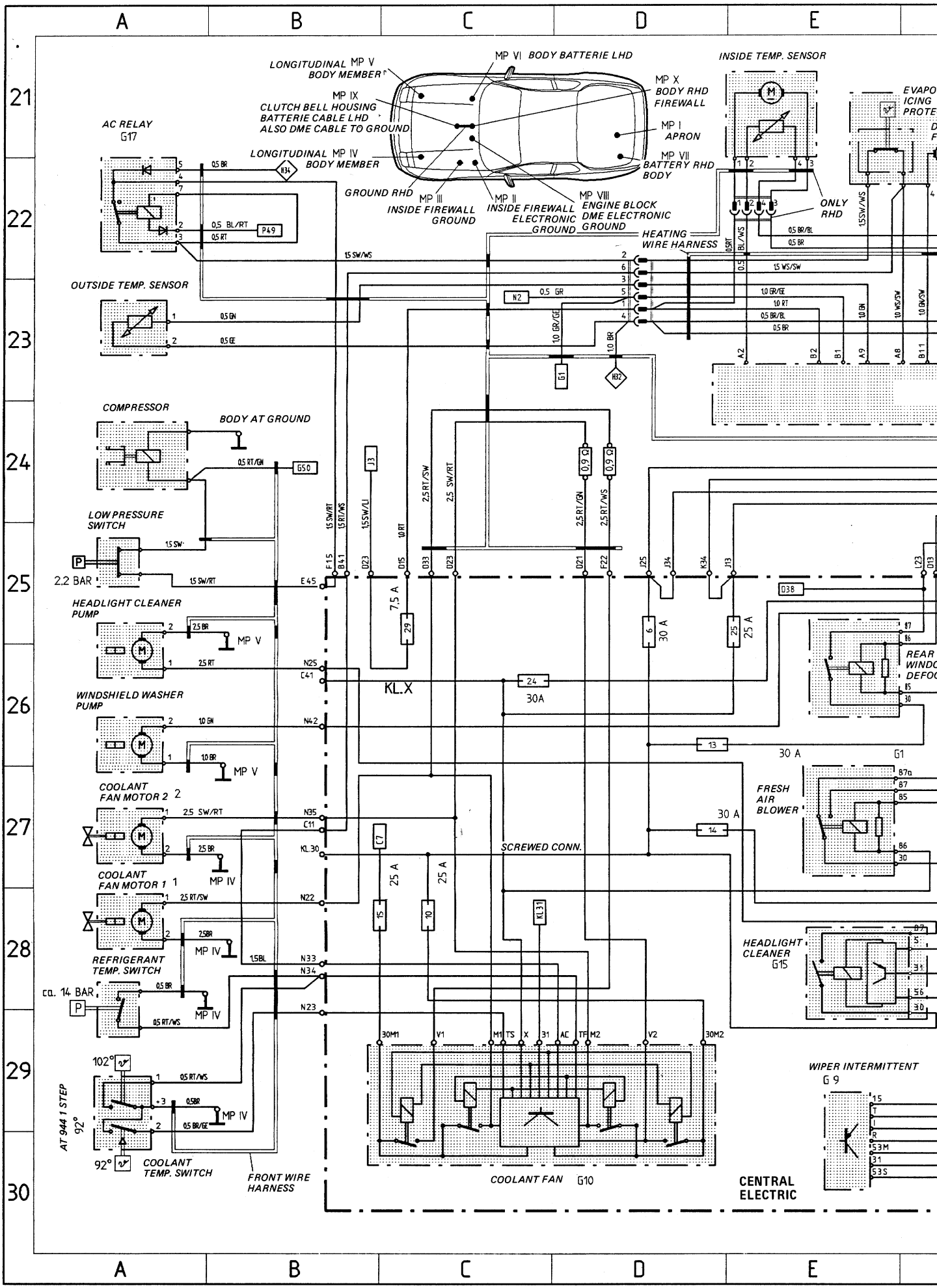

F
G
H
J
K
11
12
13
14
15
16
17
18
19
20
ONLY AUTOMATIC
TOM
SWITCH
SHIFT LEVER
OIL
VOLT
PLUG C
68/5
FUEL LEVEL TRANSM.
MP II
0.5 BR
0.5 GR/WS
SPEEDOMETER TRANSMITTER ON TRANSMISS. HOUSING
0.5 GN/WS
BRAKE PAD WEAR LEAD RR
WHEEL CARRIER GROUND
COMBINATION CONDUCTOR
MOULDED SEAT GROUND
TAILGATE UNLOCK. MOTOR
0.5 SW/WS
0.5 BR/WS
TAILG. UNLOCK. SWITCH
3 PIN PLUG TAILG. UNLOCK.
1.0 BL
0.5 SW/RT
7.5 A
KL. 15 E
DOOR BUZZER RELAY
G 16
0.5 GN
0.5 RT/GN
BUZZER CONTACT
0.5 RT/WS
0.5 RT
0.5 SW
0.5 WS
0.5 SW/WS
NOT AIRBAG
SEAT BELT CONTACT
ONLY AIRBAG
PASSENGER ROOM WIRE HARNESS
BRAKE PAD WEAR LEAD RL
GROUND TERMINALS
4

Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 5

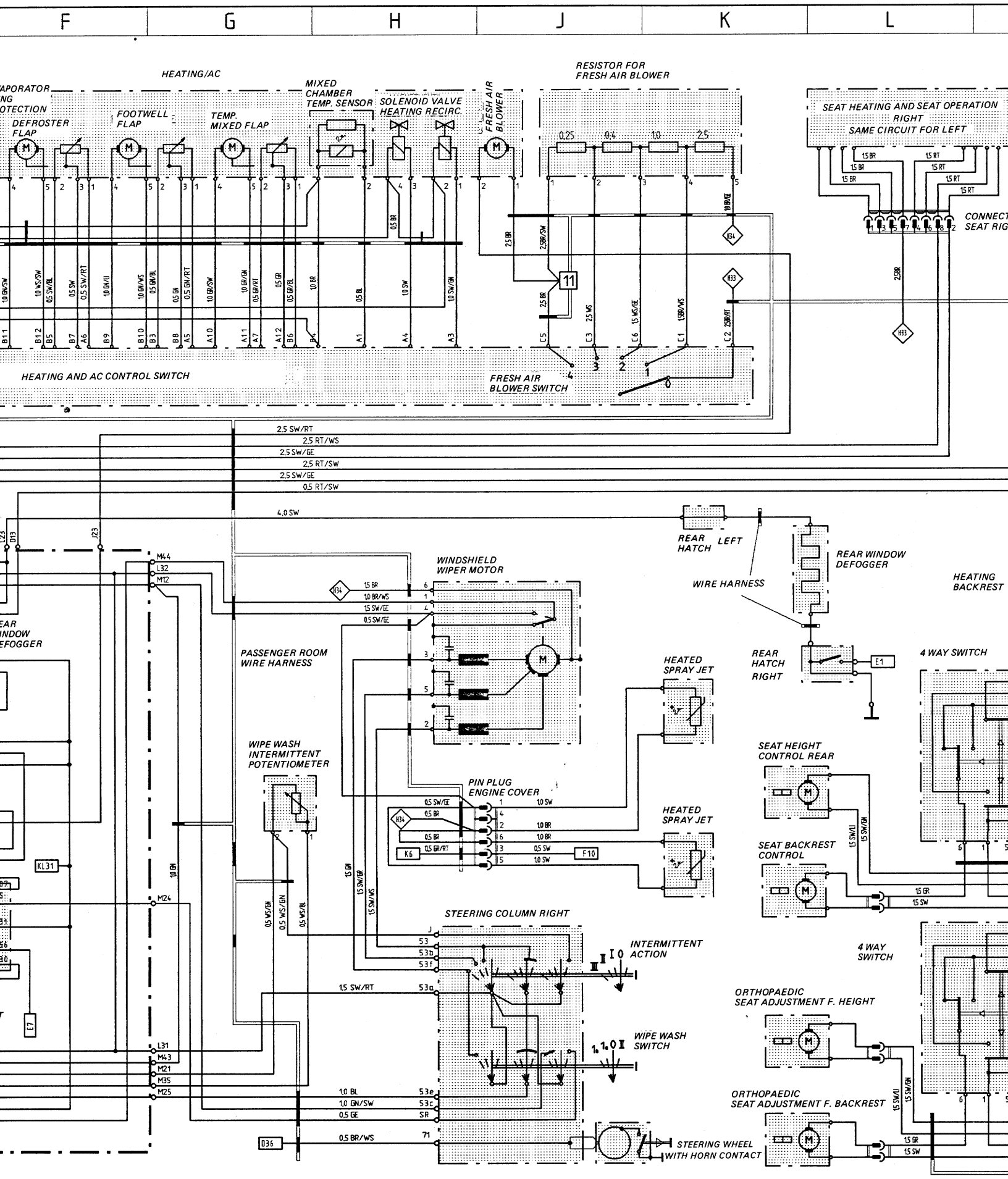
HEATING, A/C, VENTILATION, ELECTR.
SEATS, WIPER AND WASHER SYSTEM

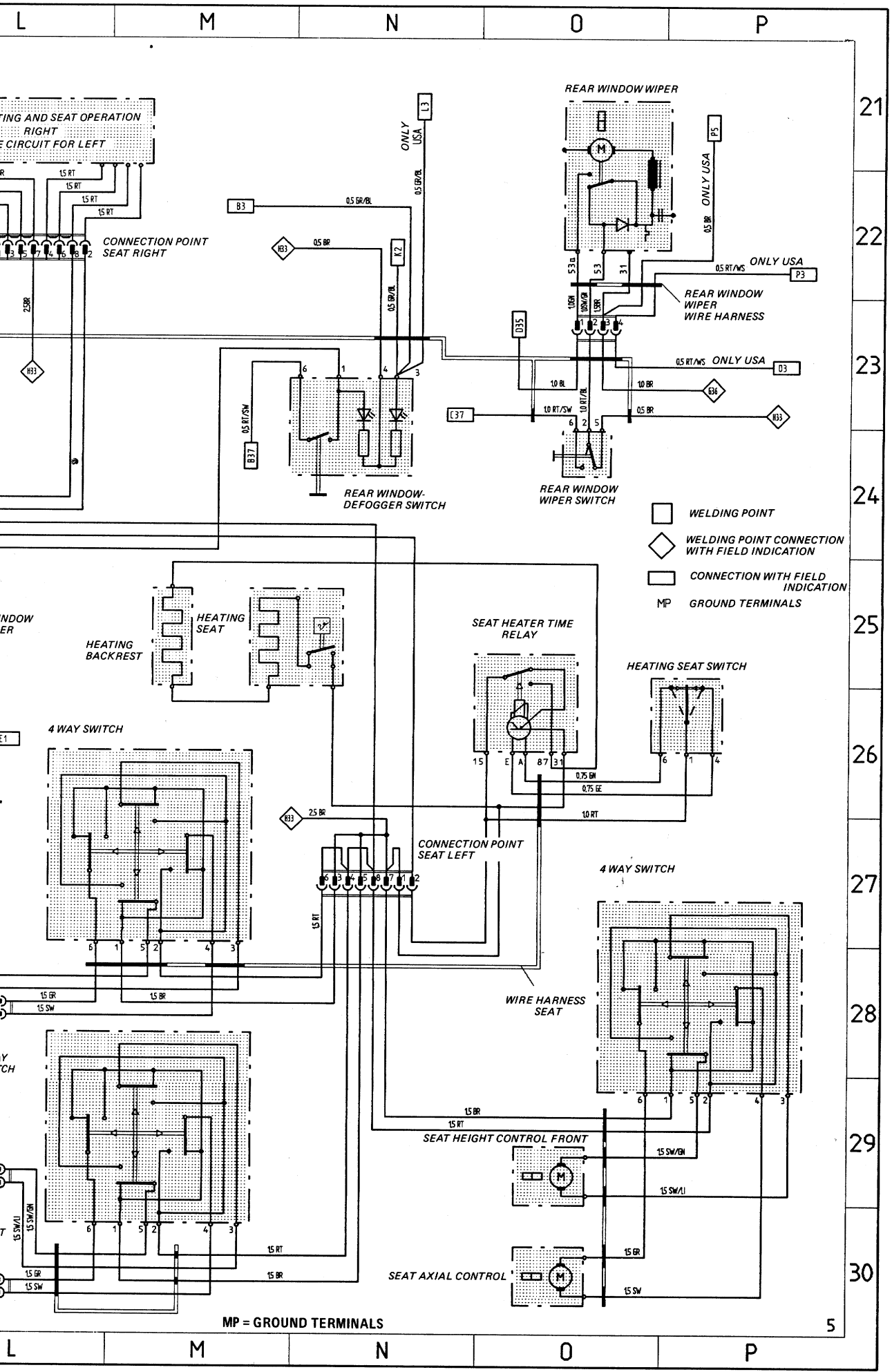
Wiring Diagram Type 944, 944 turbo, 944 S Model 87 S

HEATING, AC, VENTILATION, ELECTR. SEATS, WIPER AND WASHER SYSTEM



Sheet 5


F
G
H
J
K
L
HEATING/AC
APORATOR
NG
OTECTION
DEFROSTER FLAP
FOOTWELL FLAP
TEMP. MIXED FLAP
MIXED CHAMBER TEMP. SENSOR
SOLENOID VALVE HEATING RECIRC.
FRESH AIR BLOWER
RESISTOR FOR FRESH AIR BLOWER
SEAT HEATING AND SEAT OPERATION RIGHT
SAME CIRCUIT FOR LEFT
CONNECT
SEAT RIG
HEATING AND AC CONTROL SWITCH
FRESH AIR BLOWER SWITCH
2.5 SW/RT
2.5 RT/WS
2.5 SW/GE
2.5 RT/SW
2.5 SW/GE
0.5 RT/SW
4.0 SW
REAR HATCH LEFT
WIRE HARNESS
REAR WINDOW DEFOGGER
HEATING BACKREST
WINDSHIELD WIPER MOTOR
PASSENGER ROOM WIRE HARNESS
HEATED SPRAY JET
REAR HATCH RIGHT
4 WAY SWITCH
WIPE WASH INTERMITTENT POTENTIOMETER
PIN PLUG ENGINE COVER
SEAT HEIGHT CONTROL REAR
SEAT BACKREST CONTROL
STEERING COLUMN RIGHT
INTERMITTENT ACTION
WIPE WASH SWITCH
ORTHOPAEDIC SEAT ADJUSTMENT F. HEIGHT
ORTHOPAEDIC SEAT ADJUSTMENT F. BACKREST
STEERING WHEEL WITH HORN CONTACT

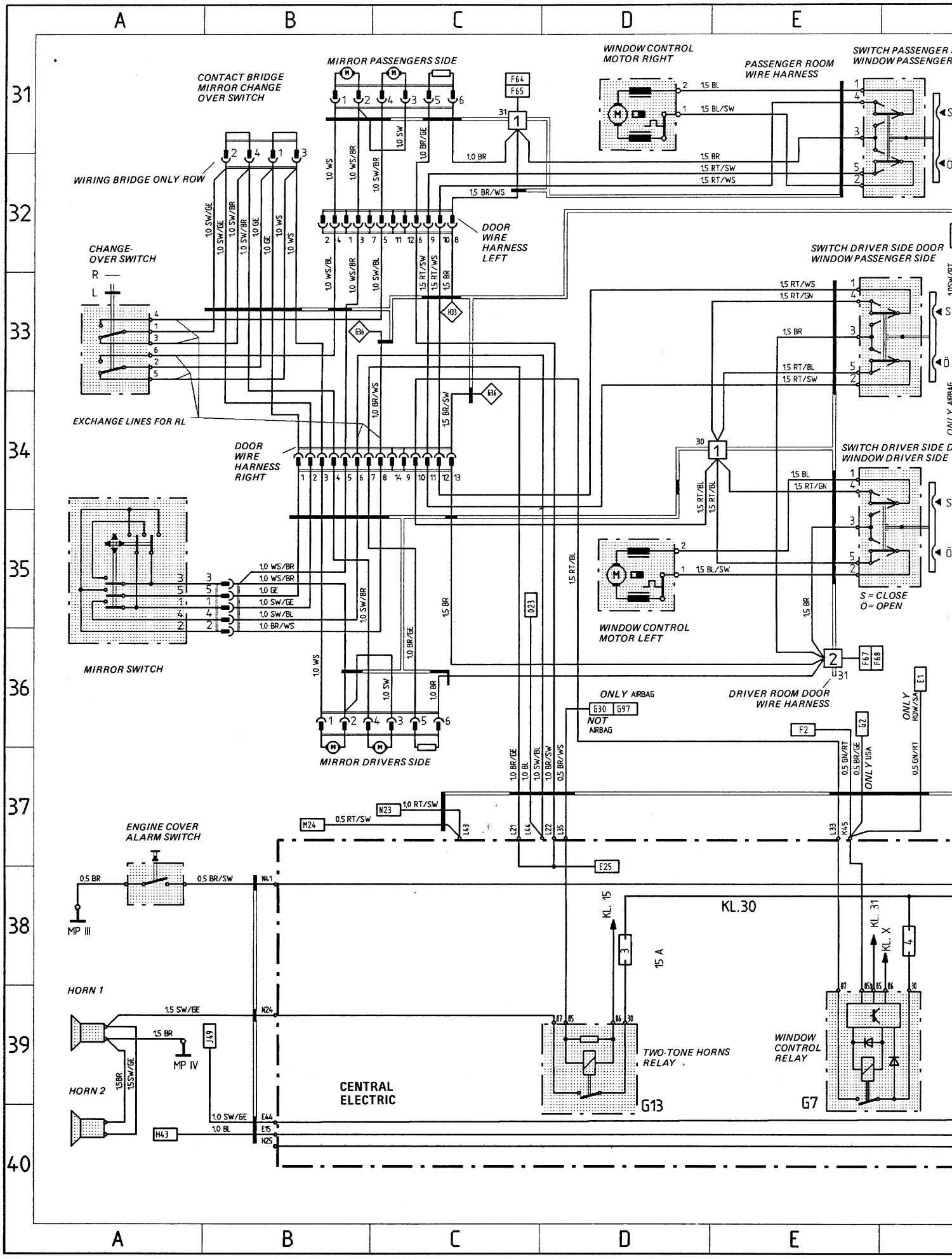

L
M
N
O
P
21
22
23
24
25
26
27
28
29
30
REAR WINDOW WIPER
ONLY USA
CONNECTION POINT SEAT RIGHT
REAR WINDOW WIPER WIRE HARNESS
REAR WINDOW-DEFOGGER SWITCH
REAR WINDOW WIPER SWITCH
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
HEATING SEAT
HEATING BACKREST
SEAT HEATER TIME RELAY
HEATING SEAT SWITCH
4 WAY SWITCH
CONNECTION POINT SEAT LEFT
WIRE HARNESS SEAT
SEAT HEIGHT CONTROL FRONT
SEAT AXIAL CONTROL
MP = GROUND TERMINALS
5

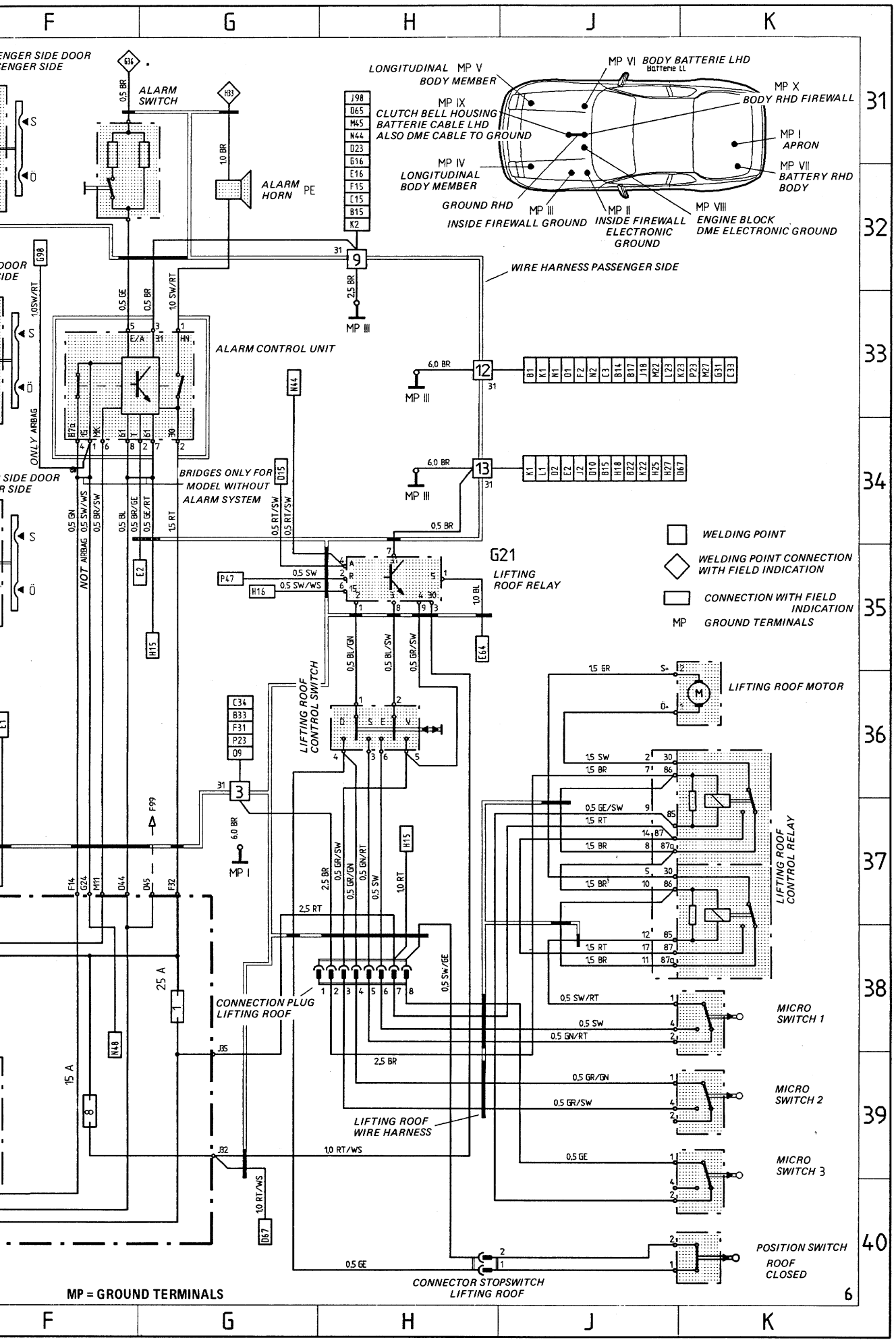
Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 6

HORNS, MIRRORS, WINDOW LIFTERS,
ALARM SYSTEM, TILTING ROOF

Wiring Diagram Type 944, 944 turbo, 944 S Model 87 She

HORNS, MIRRORS, WINDOW LIFTERS, ALARM SYSTEM, TILTING ROOF



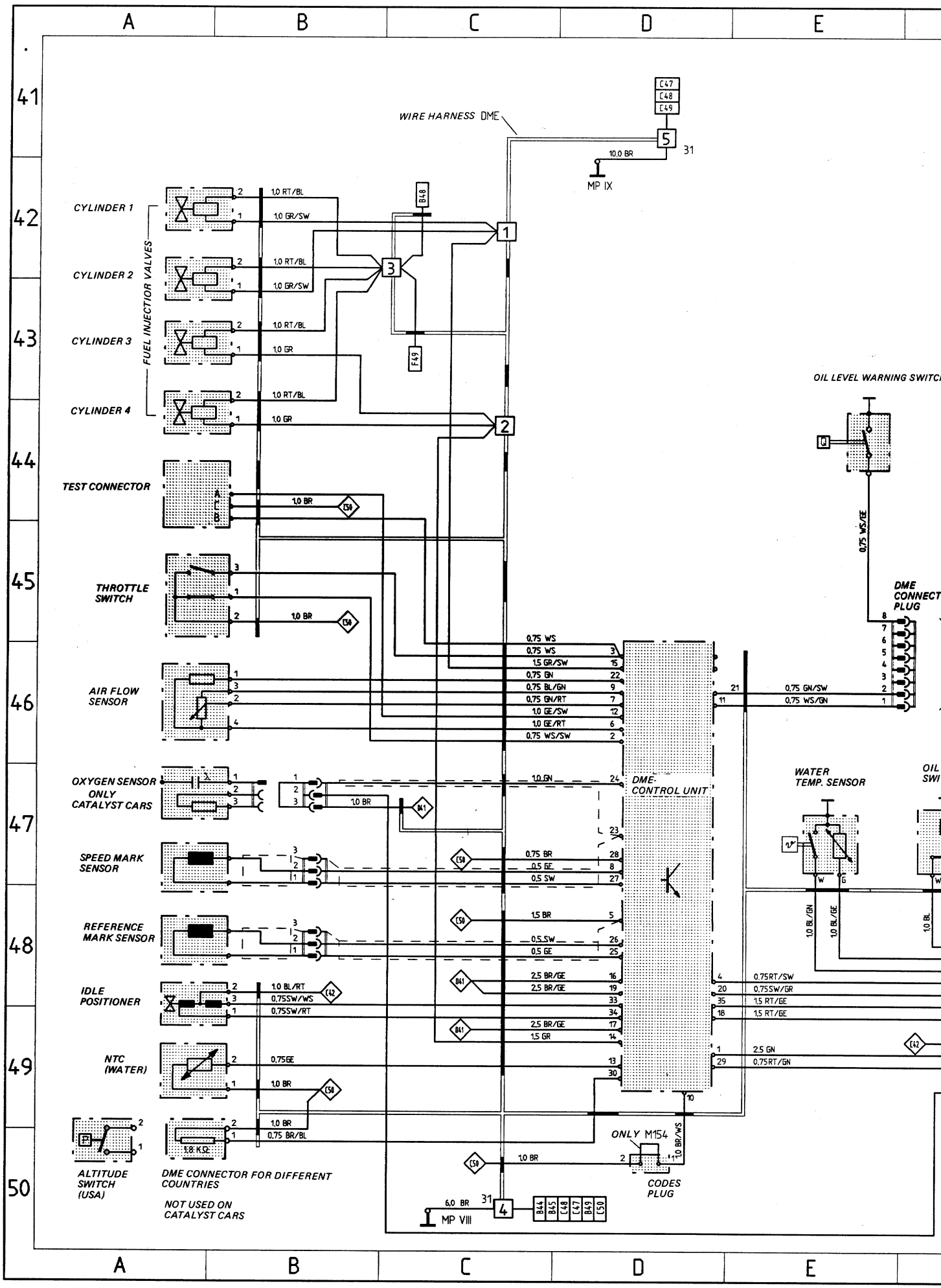

F
G
H
J
K
31
32
33
34
35
36
37
38
39
40
ALARM SWITCH
ALARM HORN
ALARM CONTROL UNIT
LONGITUDINAL BODY MEMBER
MP V
MP VI BODY BATTERIE LHD
MP X BODY RHD FIREWALL
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
MP I APRON
MP VII BATTERY RHD BODY
MP IV LONGITUDINAL BODY MEMBER
GROUND RHD
MP III
MP II
MP VIII
INSIDE FIREWALL GROUND
INSIDE FIREWALL ELECTRONIC GROUND
ENGINE BLOCK DME ELECTRONIC GROUND
WIRE HARNESS PASSENGER SIDE
BRIDGES ONLY FOR MODEL WITHOUT ALARM SYSTEM
ONLY AIRBAG
NOT AIRBAG
G21
LIFTING ROOF RELAY
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
LIFTING ROOF CONTROL SWITCH
LIFTING ROOF MOTOR
LIFTING ROOF CONTROL RELAY
CONNECTION PLUG LIFTING ROOF
MICRO SWITCH 1
MICRO SWITCH 2
MICRO SWITCH 3
LIFTING ROOF WIRE HARNESS
POSITION SWITCH ROOF CLOSED
CONNECTOR STOPSWITCH LIFTING ROOF
25 A
15 A
MP = GROUND TERMINALS
6

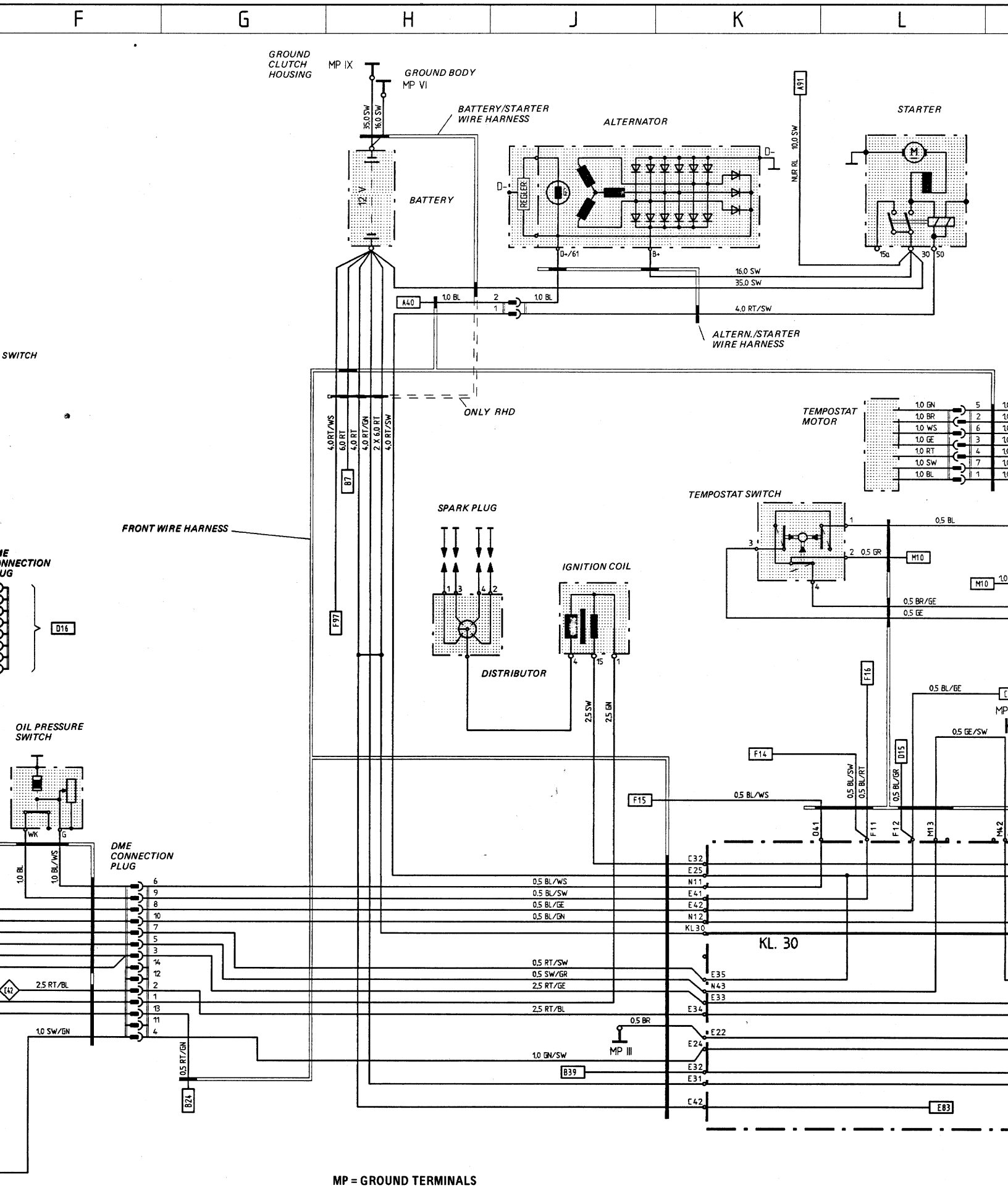
Wiring Diagram Type 944
Model 87 Sheet 7

ENGINE COMPARTMENT, TEMPOSTAT – 944

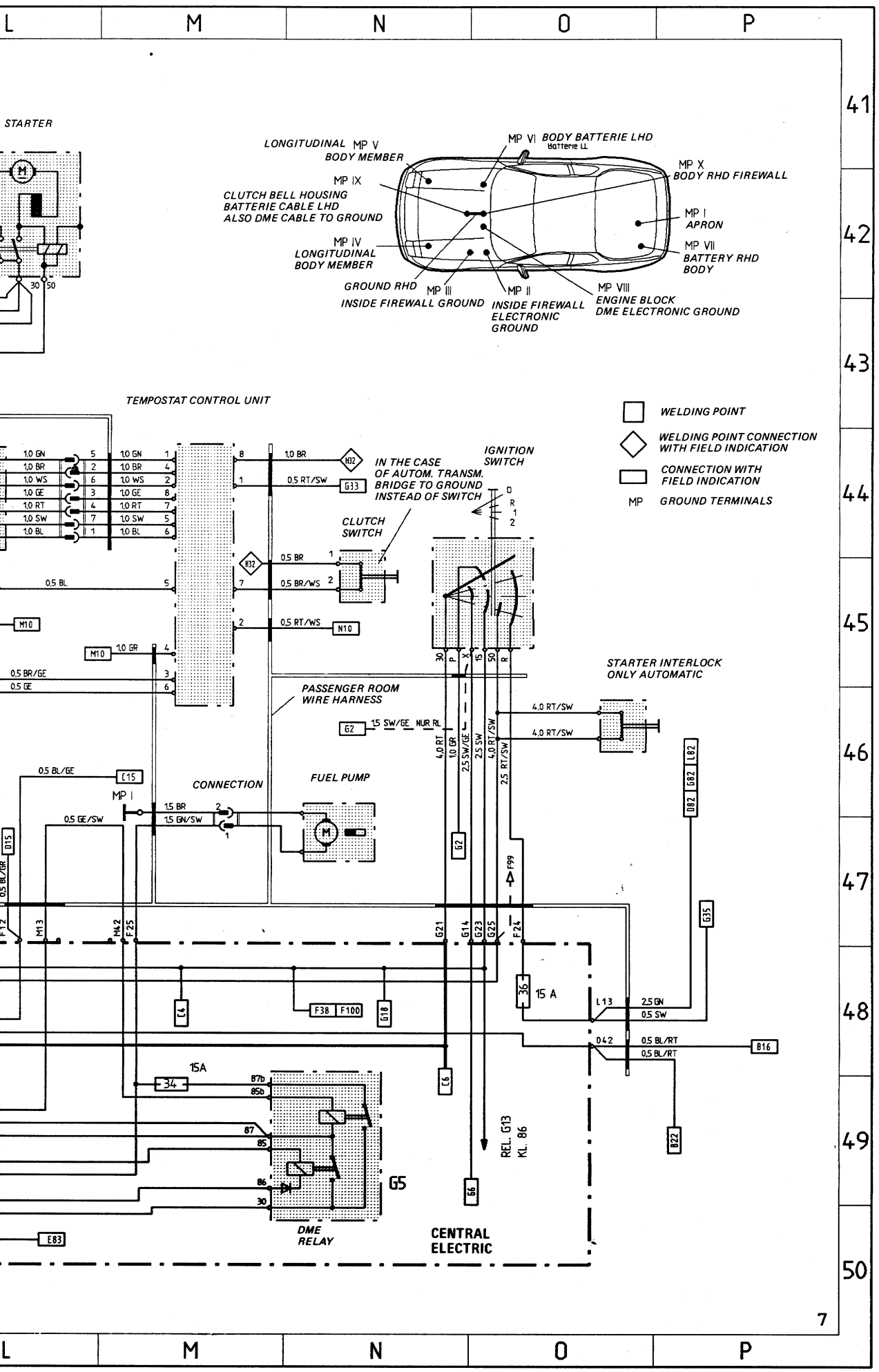
Wiring Diagram Type 944 Model 87 Sheet 7

ENGINE COMPARTMENT, TEMPOSTAT – 944





MP = GROUND TERMINALS

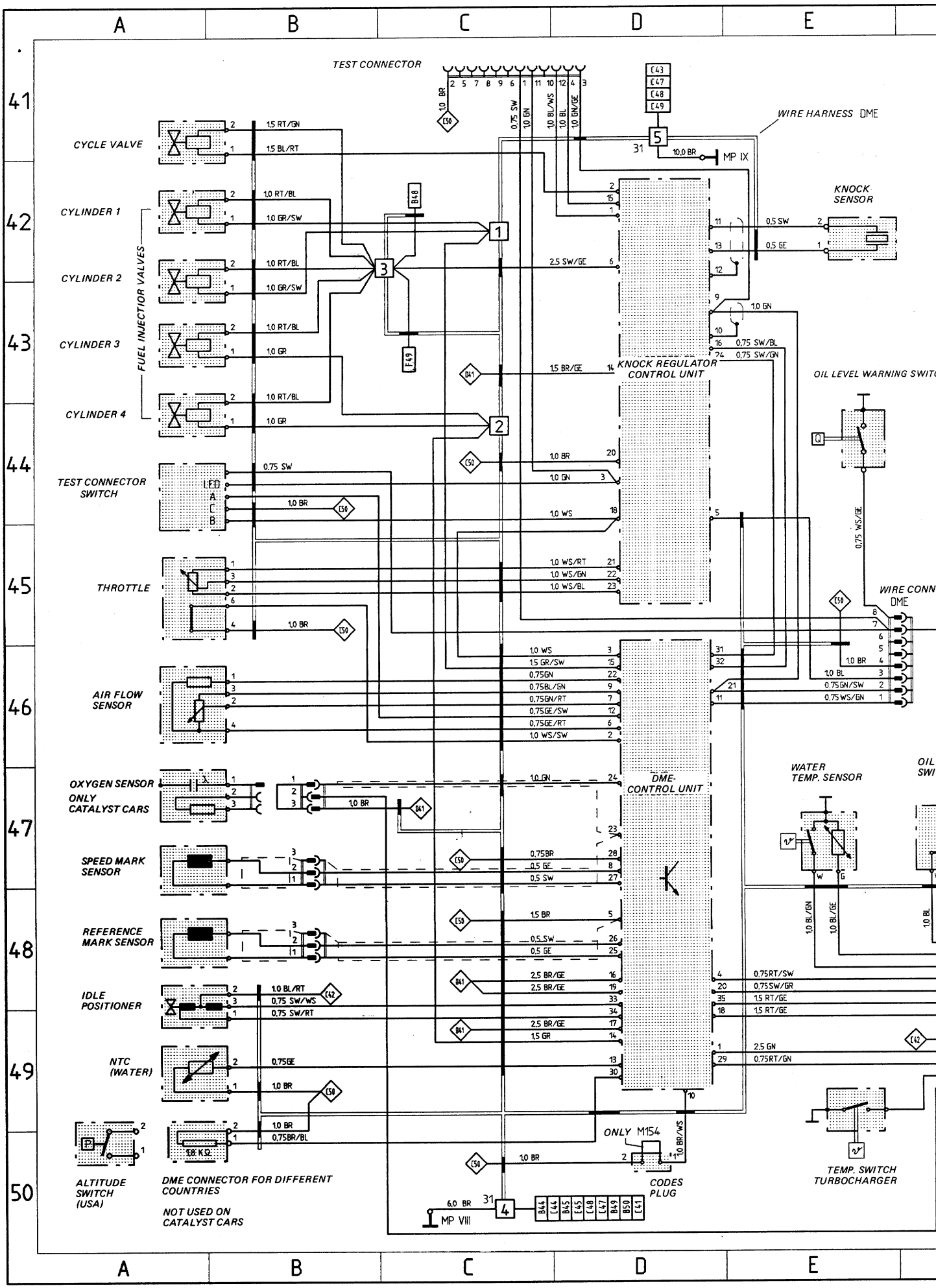

L
M
N
O
P
41
42
43
44
45
46
47
48
49
50
STARTER
LONGITUDINAL BODY MEMBER
MP V
MP VI BODY BATTERIE LHD
Batterie LL
MP X
BODY RHD FIREWALL
MP IX
CLUTCH BELL HOUSING
BATTERIE CABLE LHD
ALSO DME CABLE TO GROUND
MP I
APRON
MP IV
LONGITUDINAL BODY MEMBER
MP VII
BATTERY RHD BODY
GROUND RHD
INSIDE FIREWALL GROUND
MP III
MP II
INSIDE FIREWALL ELECTRONIC GROUND
MP VIII
ENGINE BLOCK
DME ELECTRONIC GROUND
TEMPOSTAT CONTROL UNIT
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
IN THE CASE OF AUTOM. TRANSM. BRIDGE TO GROUND INSTEAD OF SWITCH
IGNITION SWITCH
CLUTCH SWITCH
STARTER INTERLOCK ONLY AUTOMATIC
PASSENGER ROOM WIRE HARNESS
CONNECTION
FUEL PUMP
15 A
15A
DME RELAY
CENTRAL ELECTRIC
REL. G13 KL. 86
G5
7

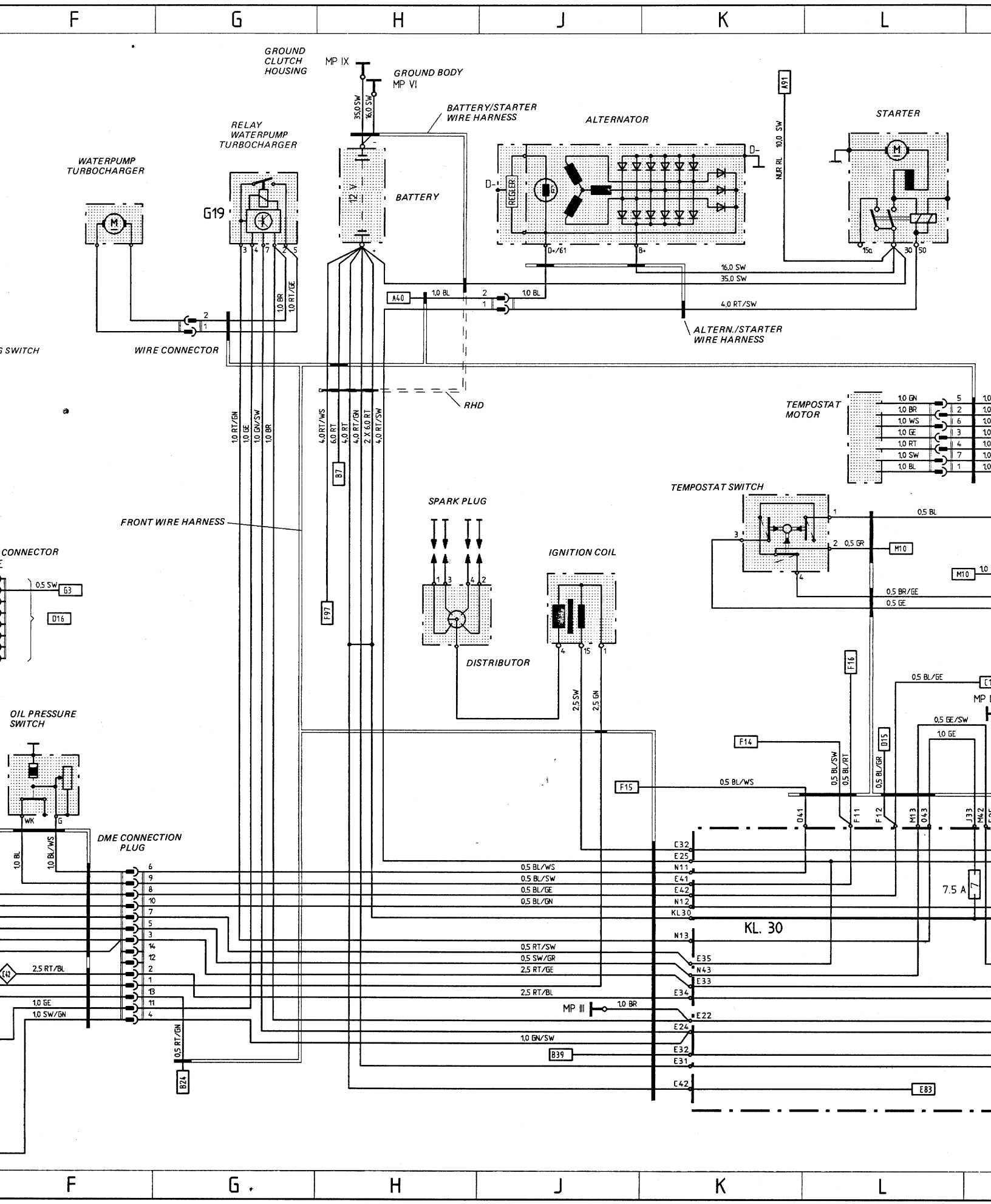
Wiring Diagram Type 944 turbo Model 87 Sheet 8

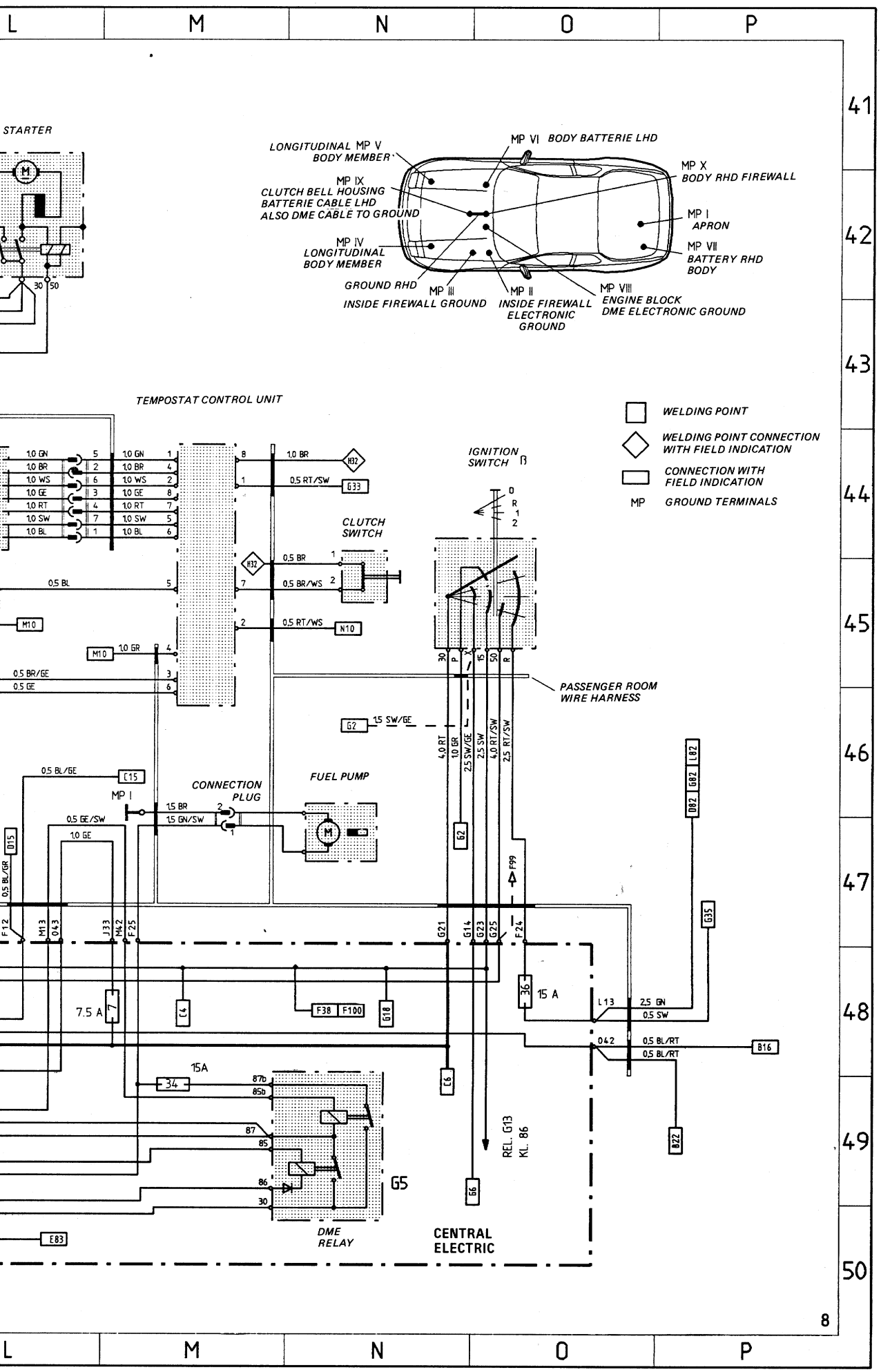
ENGINE COMPARTMENT, TEMPOSTAT – 944 TURBO

Wiring Diagram Type 944 turbo Model 87 Sheet 8

ENGINE COMPARTMENT, TEMPOSTAT – 944 TURBO




F
G
H
J
K
L
GROUND CLUTCH HOUSING
MP IX
GROUND BODY
MP VI
35,0 SW
16,0 SW
BATTERY/STARTER WIRE HARNESS
ALTERNATOR
STARTER
A91
10,0 SW
NUR RL
RELAY WATERPUMP TURBOCHARGER
WATERPUMP TURBOCHARGER
G19
12 V
BATTERY
REGLER
D-
D+/61
B+
15a
30
50
16,0 SW
35,0 SW
A40
1,0 BL
4,0 RT/SW
ALTERN./STARTER WIRE HARNESS
1,0 BR
1,0 RT/GE
WIRE CONNECTOR
RHD
TEMPOSTAT MOTOR
1,0 GN
1,0 BR
1,0 WS
1,0 GE
1,0 RT
1,0 SW
1,0 BL
1,0 RT/GN
1,0 GE
1,0 GN/SW
1,0 BR
4,0 RT/WS
6,0 RT
4,0 RT
4,0 RT/GN
2 X 6,0 RT
4,0 RT/SW
B7
F97
FRONT WIRE HARNESS
SPARK PLUG
TEMPOSTAT SWITCH
0,5 BL
0,5 GR
M10
0,5 BR/GE
0,5 GE
IGNITION COIL
DISTRIBUTOR
2,5 SW
2,5 GN
CONNECTOR
0,5 SW
G3
D16
F16
0,5 BL/GE
0,5 GE/SW
1,0 GE
D15
0,5 BL/GR
F14
0,5 BL/SW
0,5 BL/RT
F15
0,5 BL/WS
OIL PRESSURE SWITCH
WK
G
1,0 BL
1,0 BL/WS
DME CONNECTION PLUG
0,5 BL/WS
0,5 BL/SW
0,5 BL/GE
0,5 BL/GN
KL 30
7.5 A
F7
0,5 RT/SW
0,5 SW/GR
2,5 RT/GE
2,5 RT/BL
E42
1,0 GE
1,0 SW/GN
MP III
1,0 BR
1,0 GN/SW
B39
0,5 RT/GN
B24
E83


L
M
N
O
P
41
42
43
44
45
46
47
48
49
50
STARTER
LONGITUDINAL MP V BODY MEMBER
MP VI BODY BATTERIE LHD
MP X BODY RHD FIREWALL
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
MP I APRON
MP IV LONGITUDINAL BODY MEMBER
MP VII BATTERY RHD BODY
GROUND RHD
MP III INSIDE FIREWALL GROUND
MP II INSIDE FIREWALL ELECTRONIC GROUND
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
TEMPOSTAT CONTROL UNIT
WELDING POINT
WELDING POINT CONNECTION WITH FIELD INDICATION
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
IGNITION SWITCH
CLUTCH SWITCH
PASSENGER ROOM WIRE HARNESS
CONNECTION PLUG
FUEL PUMP
7.5 A
15 A
15A
REL. G13 KL. 86
DME RELAY
CENTRAL ELECTRIC
8

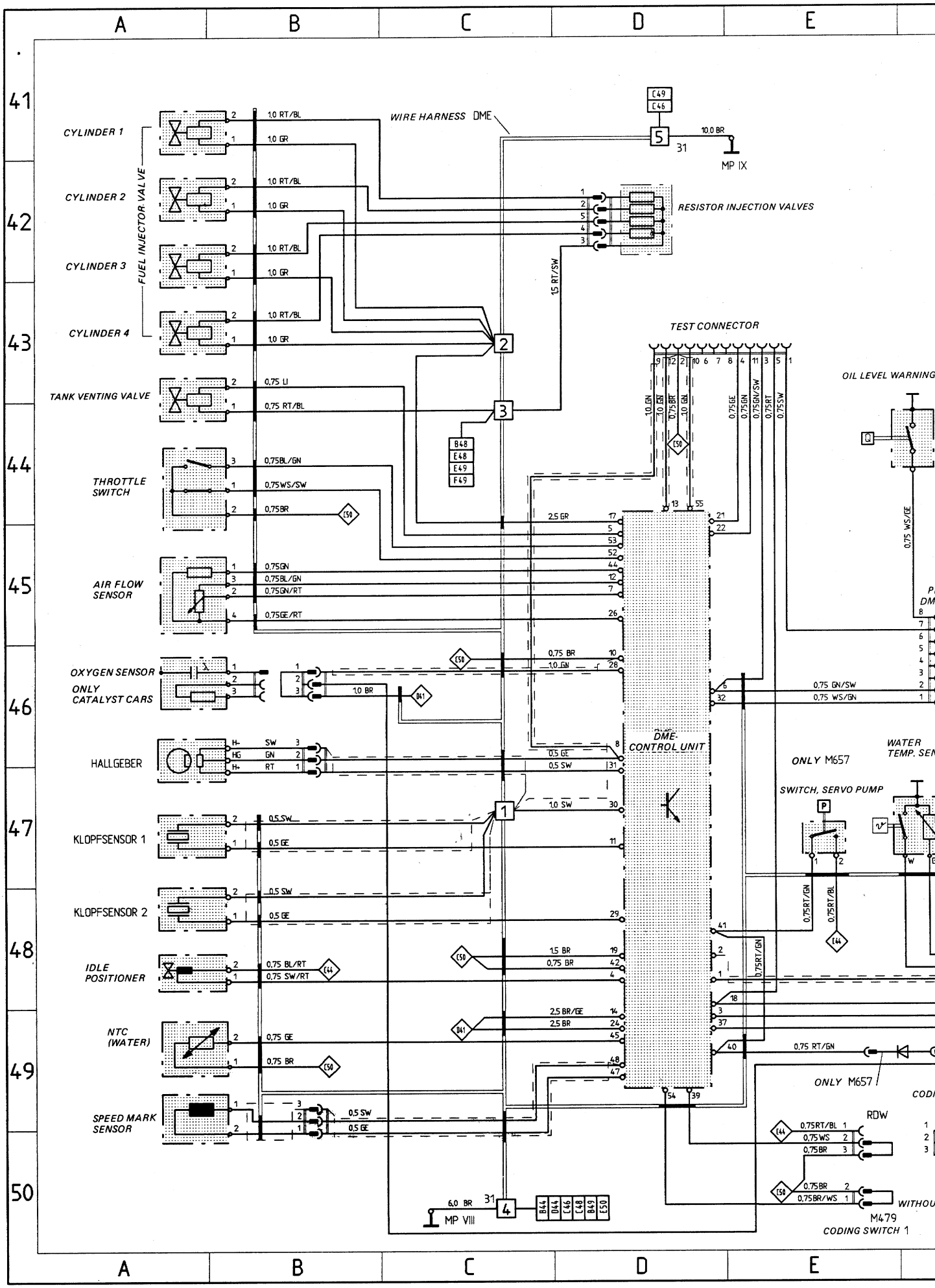
Wiring Diagram Type 944 S Model 87 Sheet 9

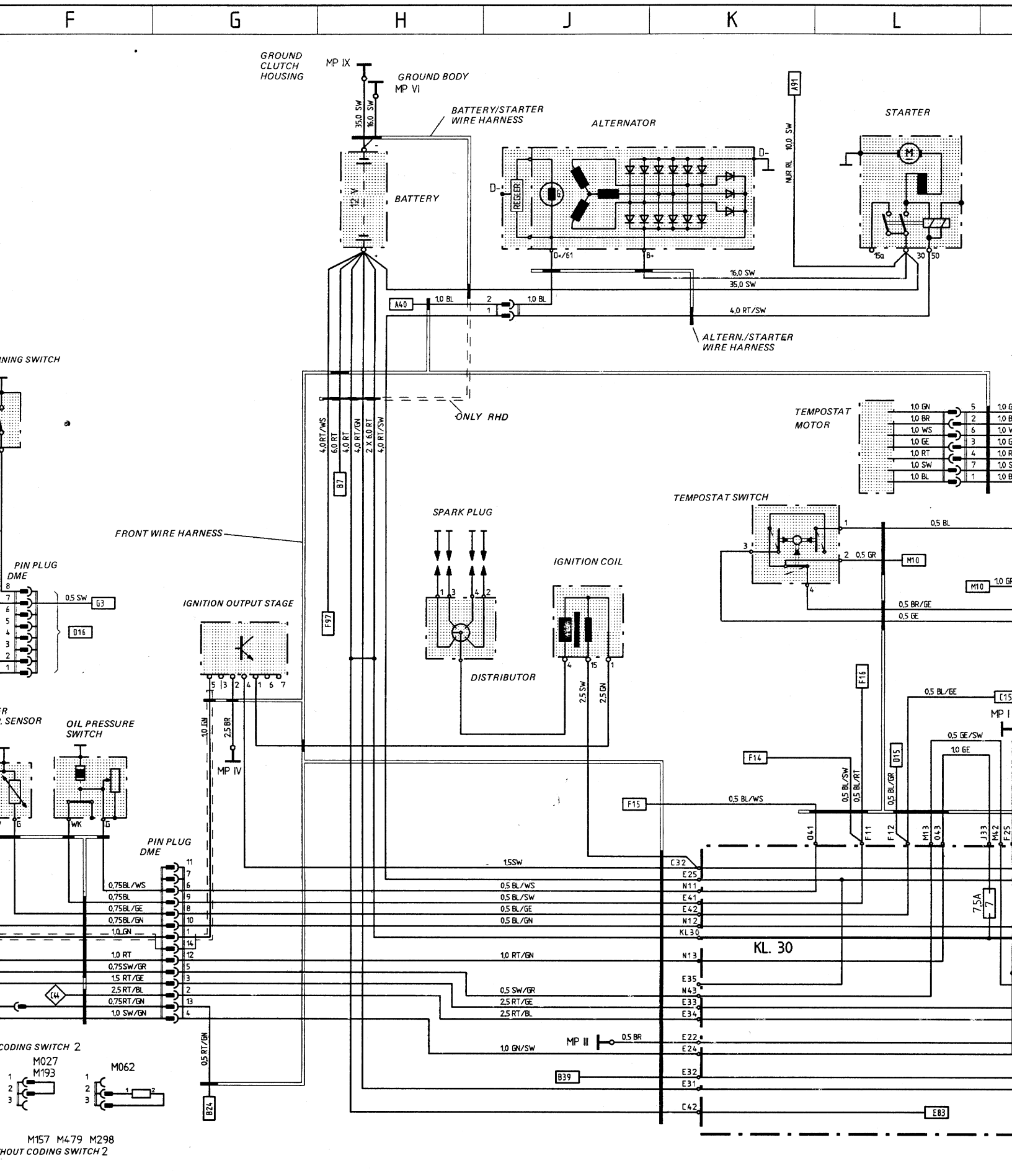
ENGINE COMPARTMENT, TEMPOSTAT

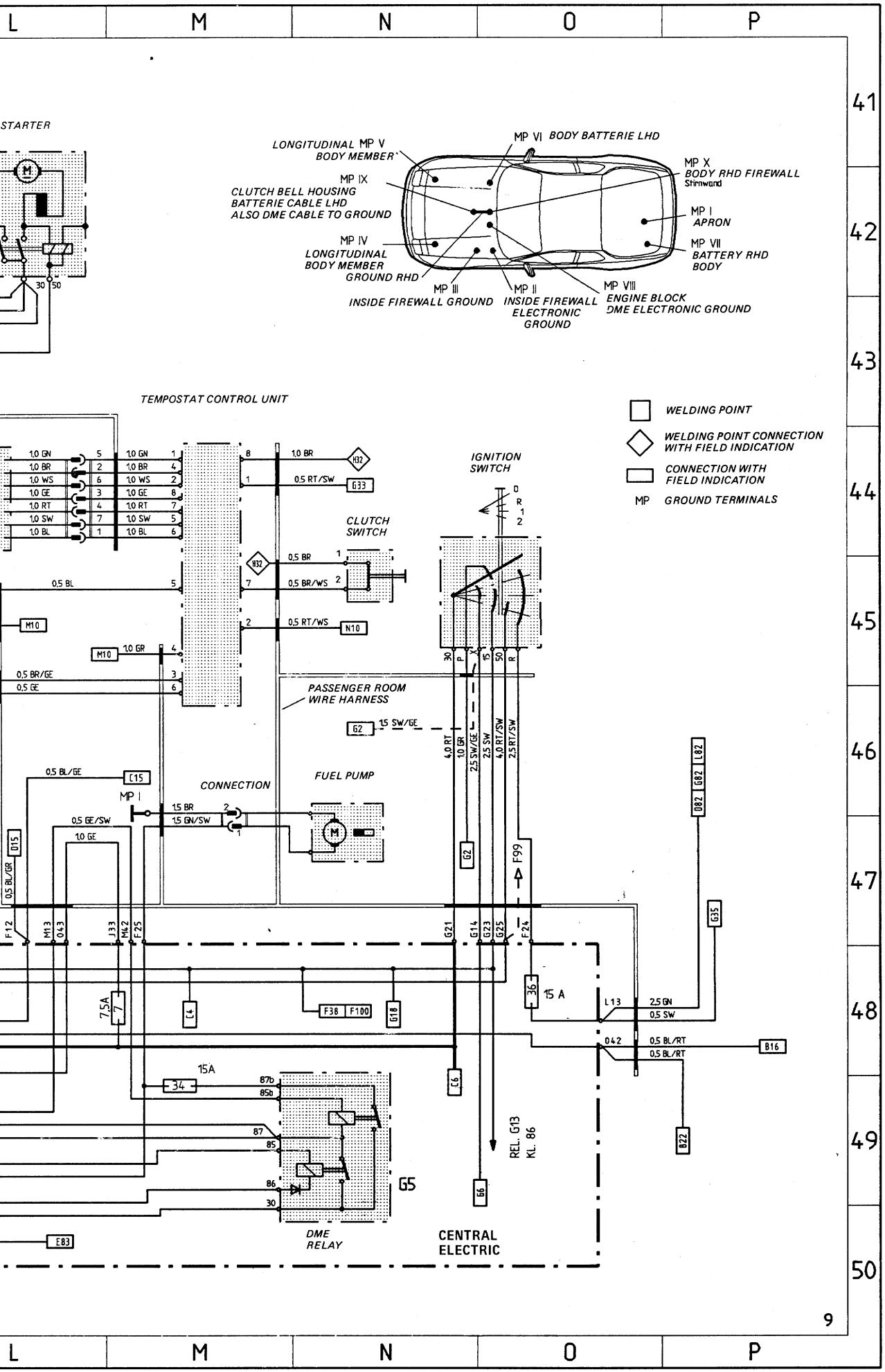
4 -VALVES

Wiring Diagram Type 944 S Model 87 Sheet 9

ENGINE COMPARTMENT, TEMPOSTAT **4 - VALVES**




F
G
H
J
K
L
GROUND CLUTCH HOUSING
MP IX
GROUND BODY
MP VI
BATTERY/STARTER WIRE HARNESS
ALTERNATOR
STARTER
BATTERY
12 V
REGLER
D+/61
B+
D-
A91
NJR RL 10,0 SW
16,0 SW
35,0 SW
4,0 RT/SW
A40
1,0 BL
ALTERN./STARTER WIRE HARNESS
ONLY RHD
TEMPOSTAT MOTOR
TEMPOSTAT SWITCH
SPARK PLUG
IGNITION COIL
DISTRIBUTOR
FRONT WIRE HARNESS
PIN PLUG DME
IGNITION OUTPUT STAGE
OIL PRESSURE SWITCH
MP IV
MP III
KL. 30
CODING SWITCH 2
M027
M193
M062
M157 M479 M298
HOUT CODING SWITCH 2
MP = GROUND TERMINALS

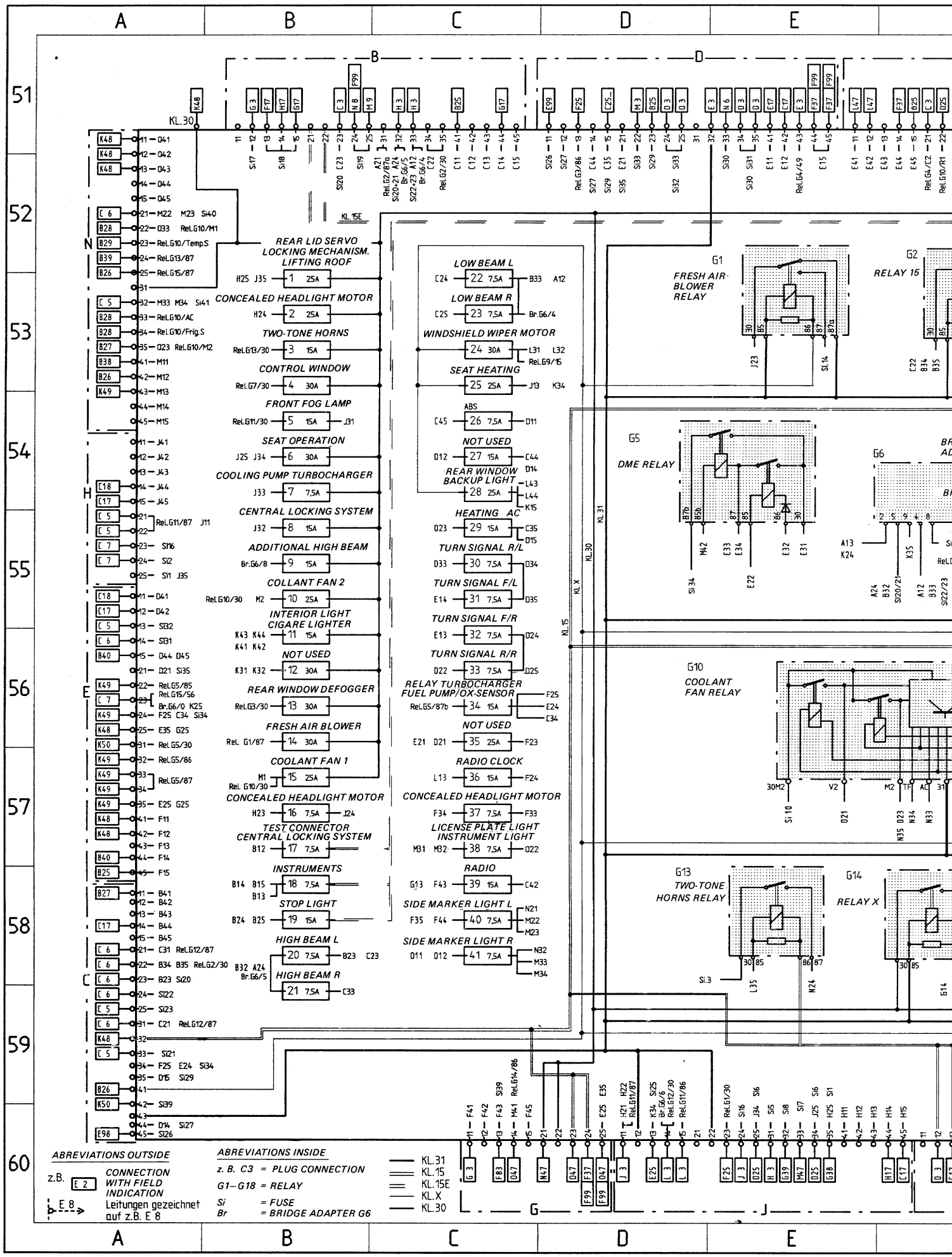

L
M
N
O
P
41
42
43
44
45
46
47
48
49
50
STARTER
LONGITUDINAL MP V
BODY MEMBER
MP VI BODY BATTERIE LHD
MP X
BODY RHD FIREWALL
Stirnwand
MP IX
CLUTCH BELL HOUSING
BATTERIE CABLE LHD
ALSO DME CABLE TO GROUND
MP I
APRON
MP IV
LONGITUDINAL
BODY MEMBER
GROUND RHD
MP VII
BATTERY RHD
BODY
MP III
INSIDE FIREWALL GROUND
MP II
INSIDE FIREWALL
ELECTRONIC
GROUND
MP VIII
ENGINE BLOCK
DME ELECTRONIC GROUND
TEMPOSTAT CONTROL UNIT
WELDING POINT
WELDING POINT CONNECTION
WITH FIELD INDICATION
CONNECTION WITH
FIELD INDICATION
MP GROUND TERMINALS
IGNITION
SWITCH
CLUTCH
SWITCH
PASSENGER ROOM
WIRE HARNESS
CONNECTION
FUEL PUMP
DME
RELAY
CENTRAL
ELECTRIC
REL. G13
KL. 86
G5
15 A
7,5A
15A
9

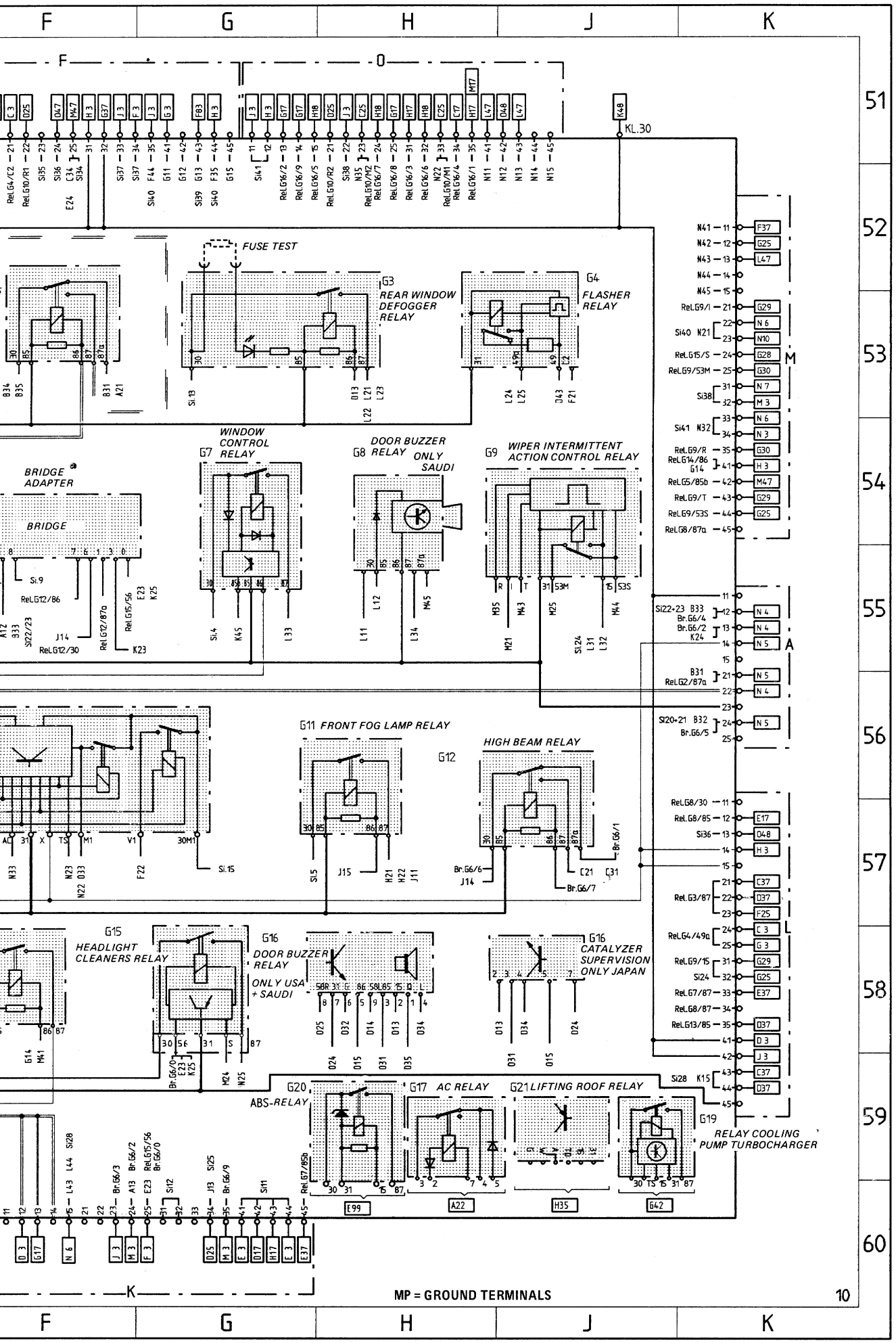
Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 10

CENTRAL ELECTRICAL SYSTEM

Wiring Diagram Type 944, 944 turbo, 944 S Model 87 She

CENTRAL ELECTRICAL SYSTEM



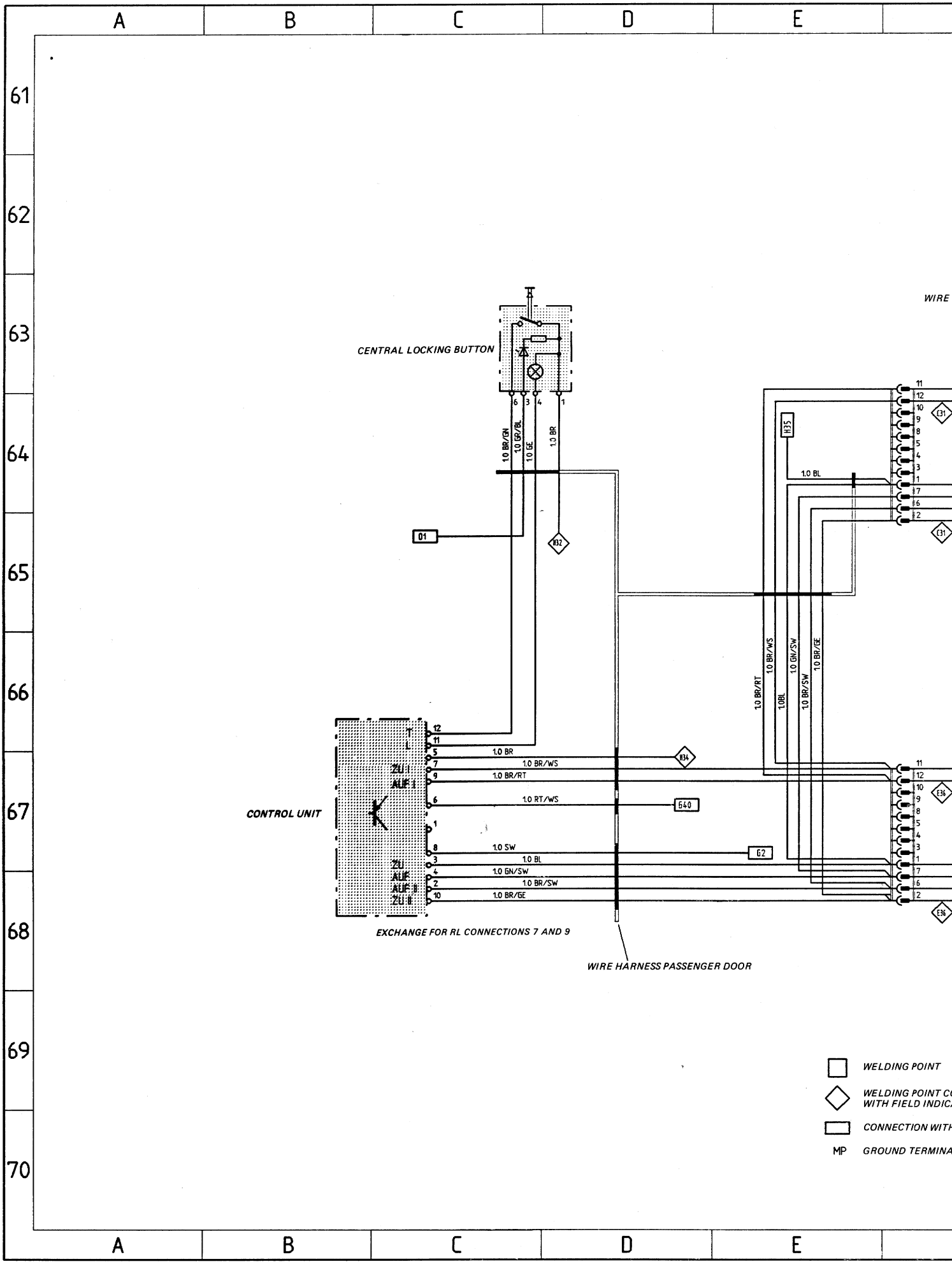

F
G
H
J
K
51
52
53
54
55
56
57
58
59
60
KL.30
FUSE TEST
G3
REAR WINDOW DEFOGGER RELAY
G4
FLASHER RELAY
BRIDGE ADAPTER
BRIDGE
WINDOW CONTROL RELAY
G7
G8 RELAY
DOOR BUZZER ONLY SAUDI
G9
WIPER INTERMITTENT ACTION CONTROL RELAY
G11 FRONT FOG LAMP RELAY
G12
HIGH BEAM RELAY
G15
HEADLIGHT CLEANERS RELAY
G16
DOOR BUZZER RELAY
ONLY USA + SAUDI
G16
CATALYZER SUPERVISION ONLY JAPAN
G20
ABS-RELAY
G17 AC RELAY
G21 LIFTING ROOF RELAY
G19
RELAY COOLING PUMP TURBOCHARGER
E99
A22
H35
G42
M
A
MP = GROUND TERMINALS
10

Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 11

CENTRAL LOCKING SYSTEM

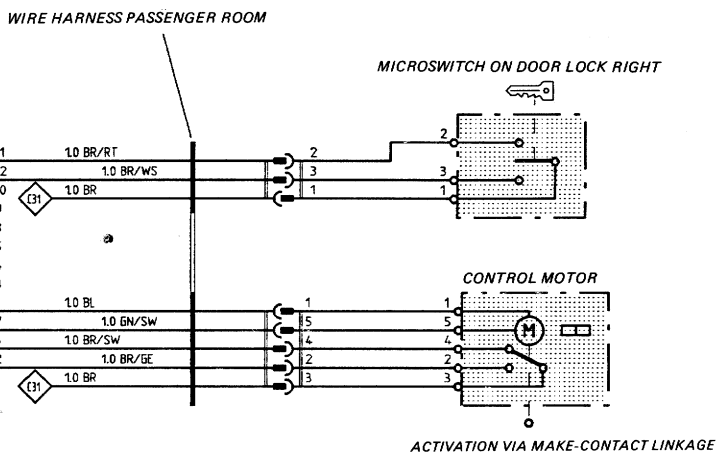
Wiring Diagram Type 944, 944 turbo, 944 S Model 87 She

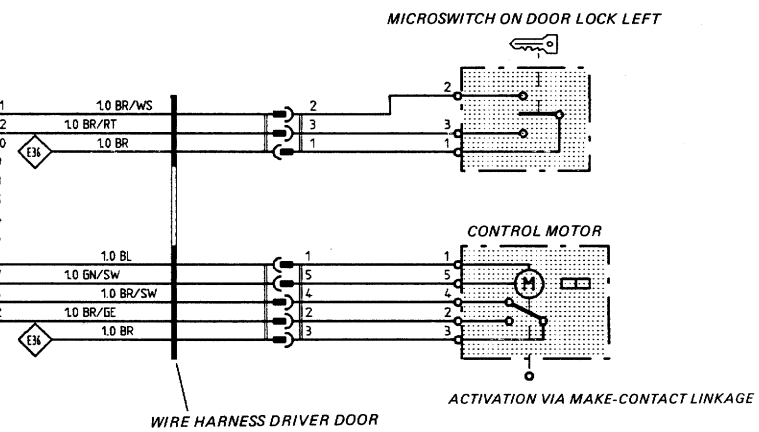
CENTRAL LOCKING SYSTEM

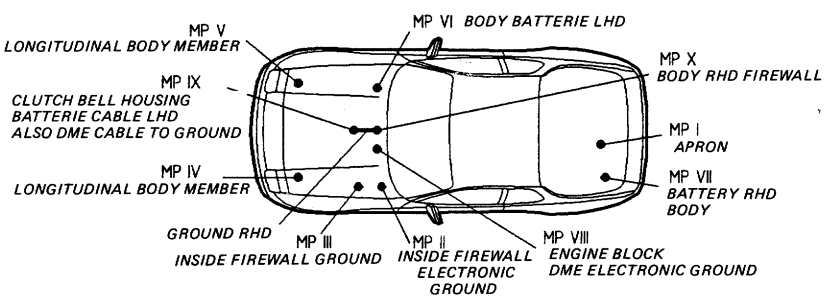


F G H J K

61 62 63 64 65 66 67 68 69 70







DINT

DINT CONNECTION
INDICATION

N WITH FIELD INDICATION

RMINALS

11

MP = GROUND TERMINALS

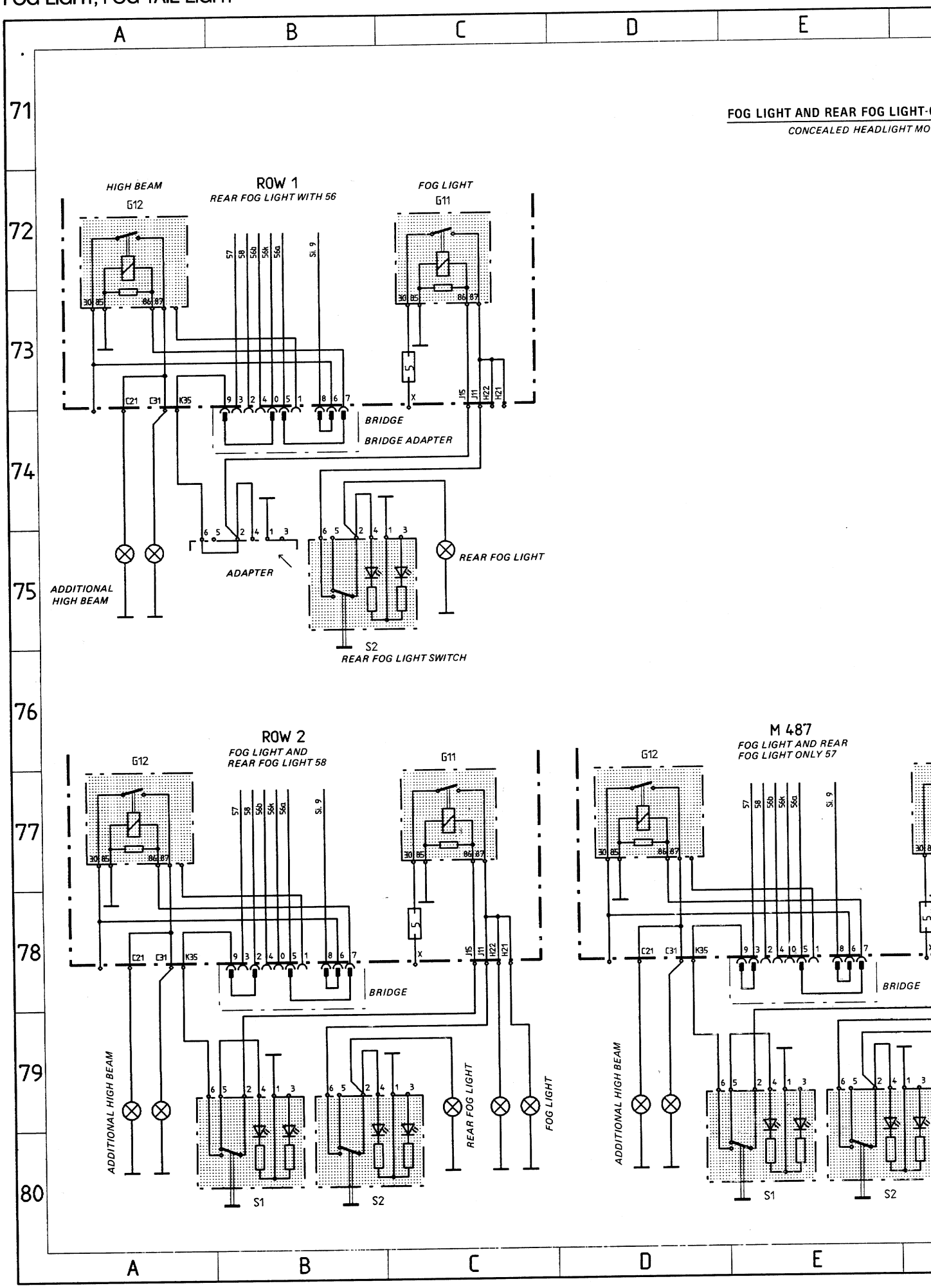
F G H J K

Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 12

FOG LIGHT, FOG TAIL LIGHT

Wiring Diagram Type 944, 944 turbo, 944 S Model 87 Sl

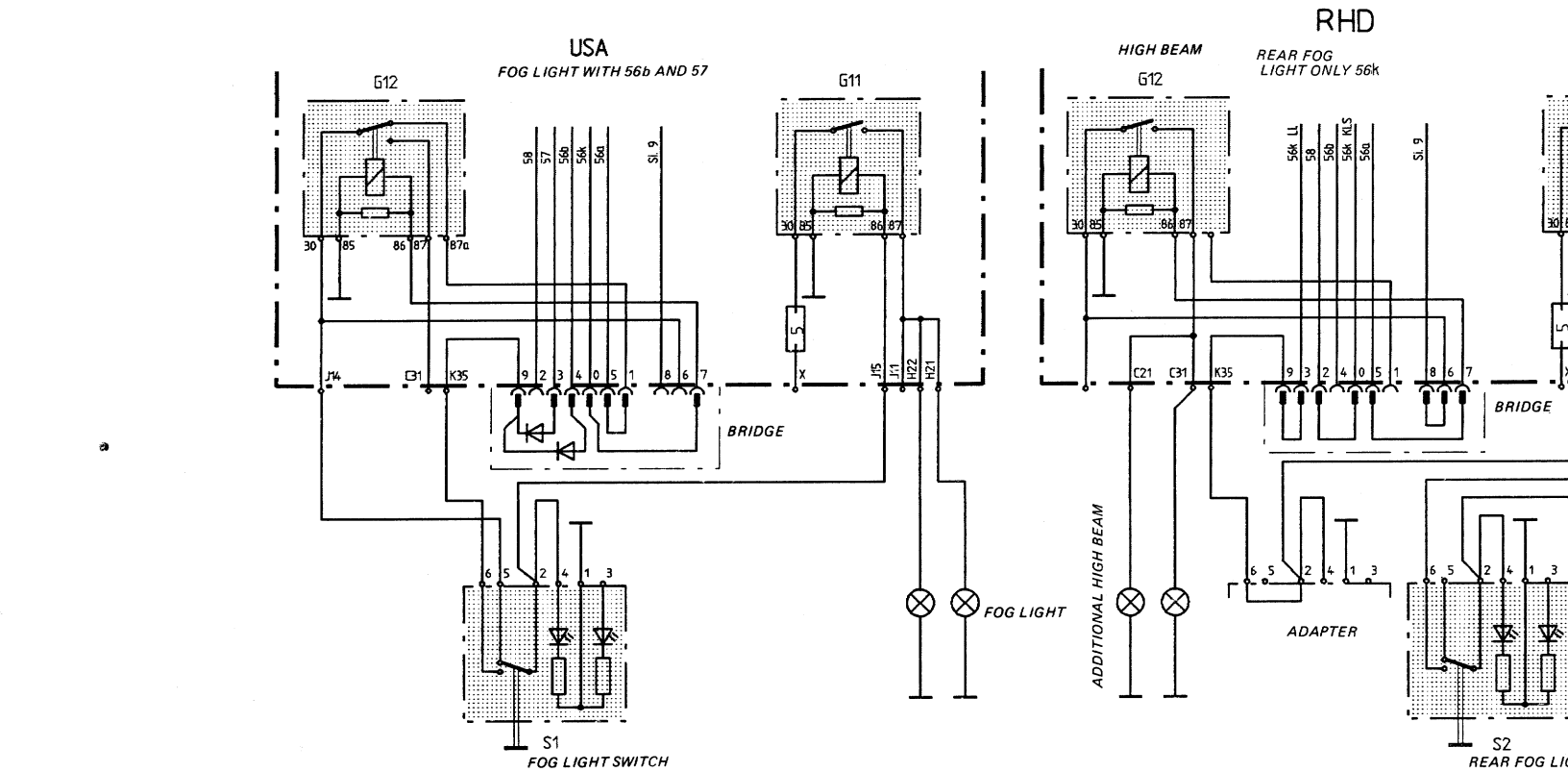
FOG LIGHT, FOG TAIL LIGHT

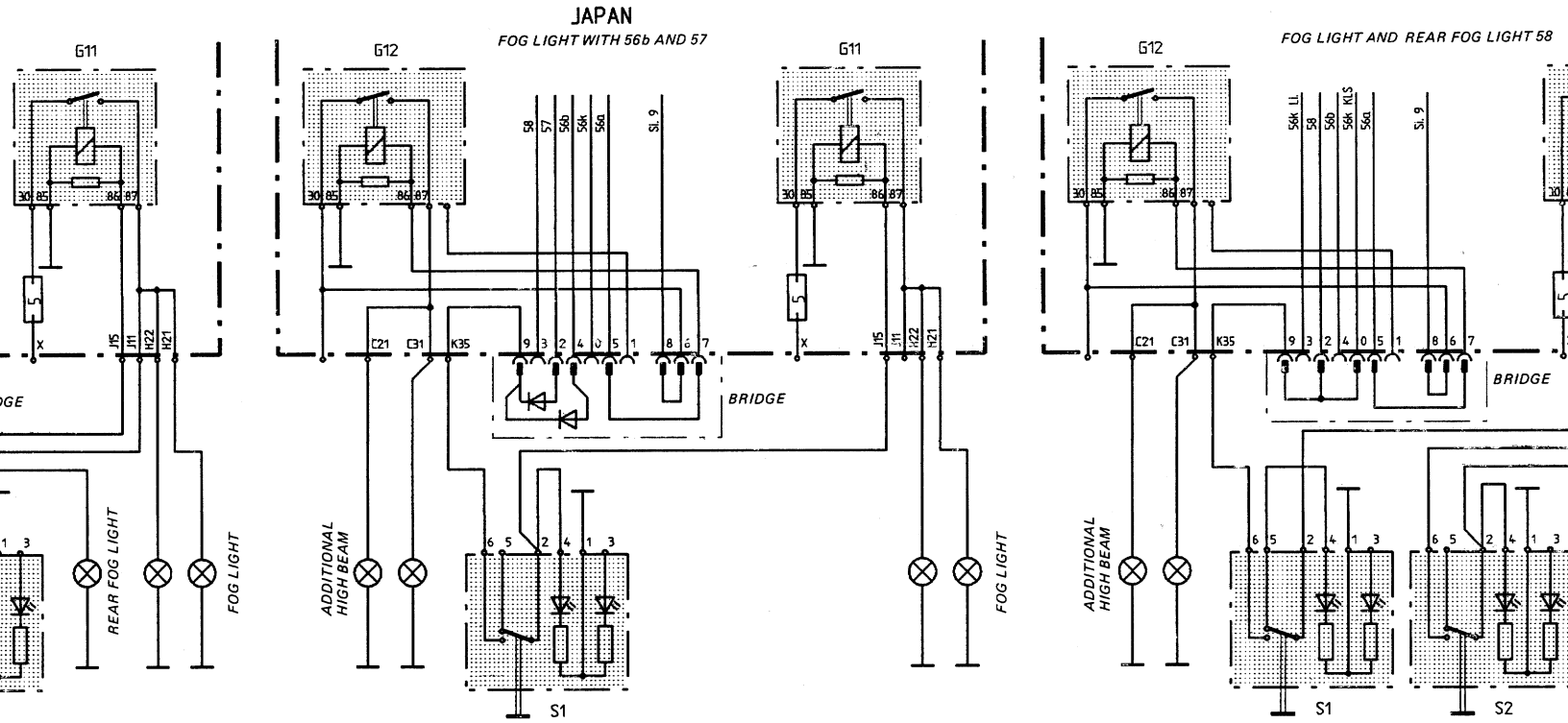


F G H J K L

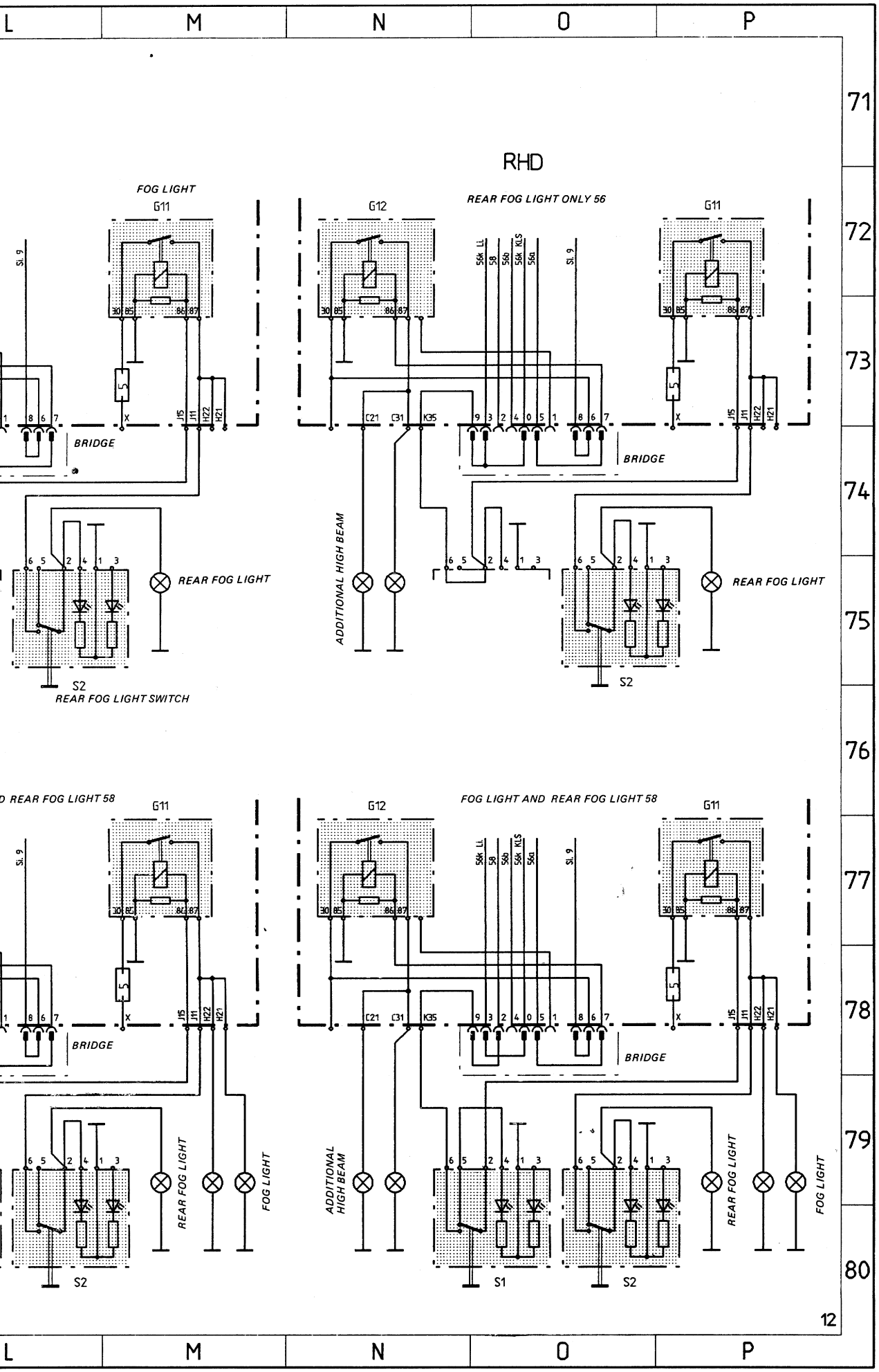
IGHT-CIRCUIT

GHT MOTOR





F G H J K L

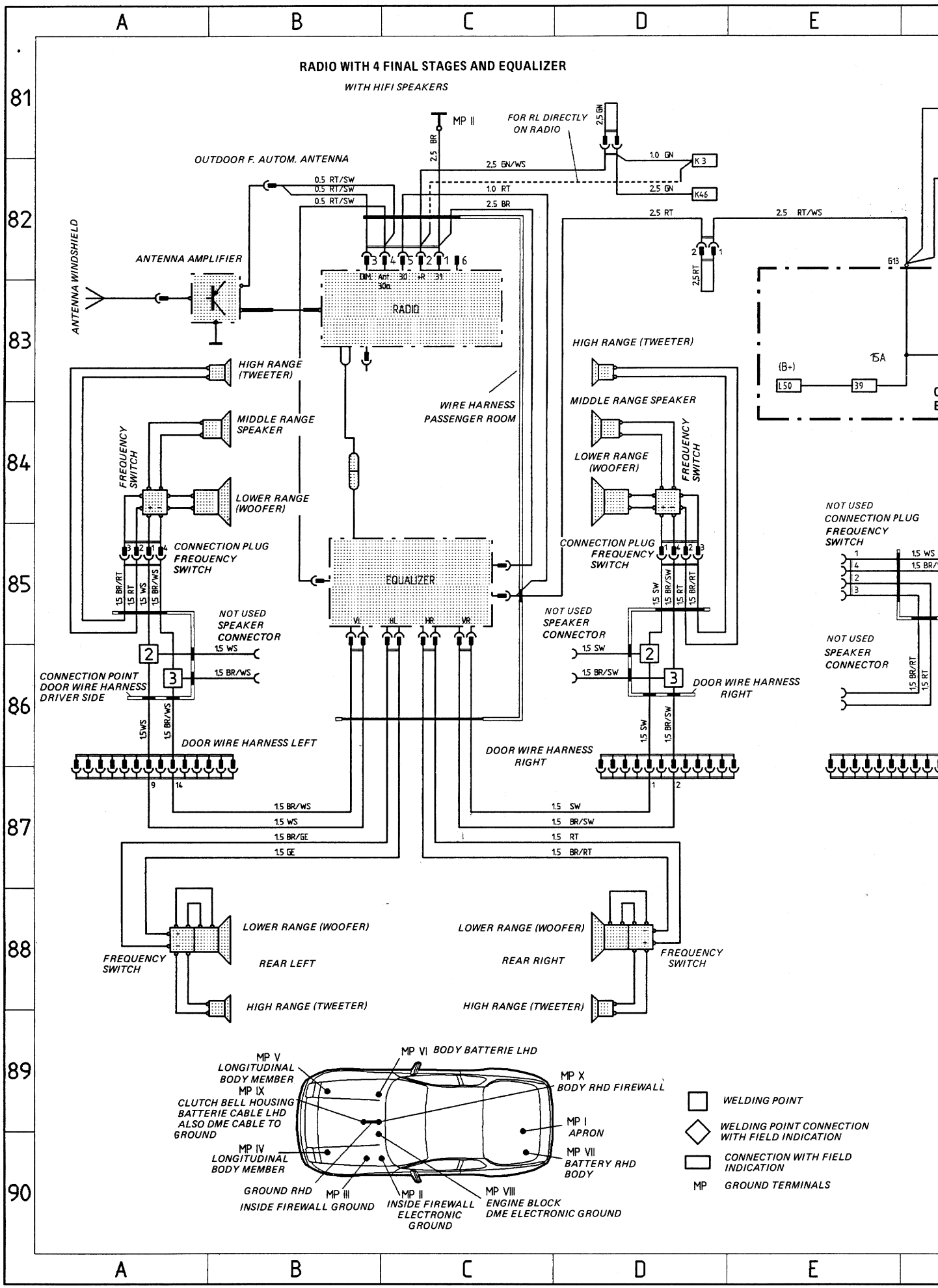

L
M
N
O
P
71
72
73
74
75
76
77
78
79
80
RHD
FOG LIGHT
G11
REAR FOG LIGHT ONLY 56
G12
G11
BRIDGE
BRIDGE
REAR FOG LIGHT
ADDITIONAL HIGH BEAM
REAR FOG LIGHT
S2
S2
REAR FOG LIGHT SWITCH
D REAR FOG LIGHT 58
G11
FOG LIGHT AND REAR FOG LIGHT 58
G12
G11
BRIDGE
BRIDGE
REAR FOG LIGHT
FOG LIGHT
ADDITIONAL HIGH BEAM
REAR FOG LIGHT
FOG LIGHT
S2
S1
S2
12

Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 13

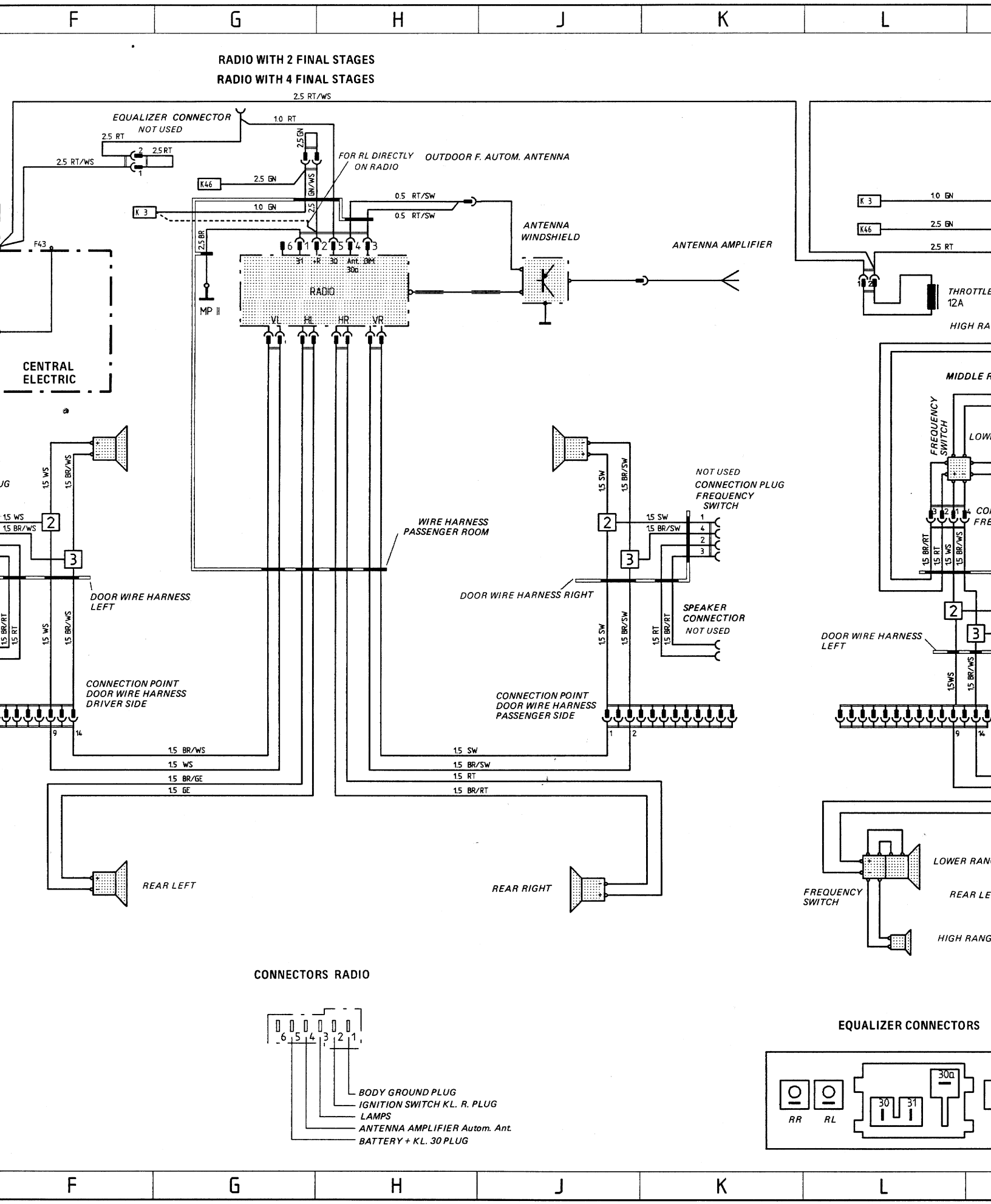
RADIO

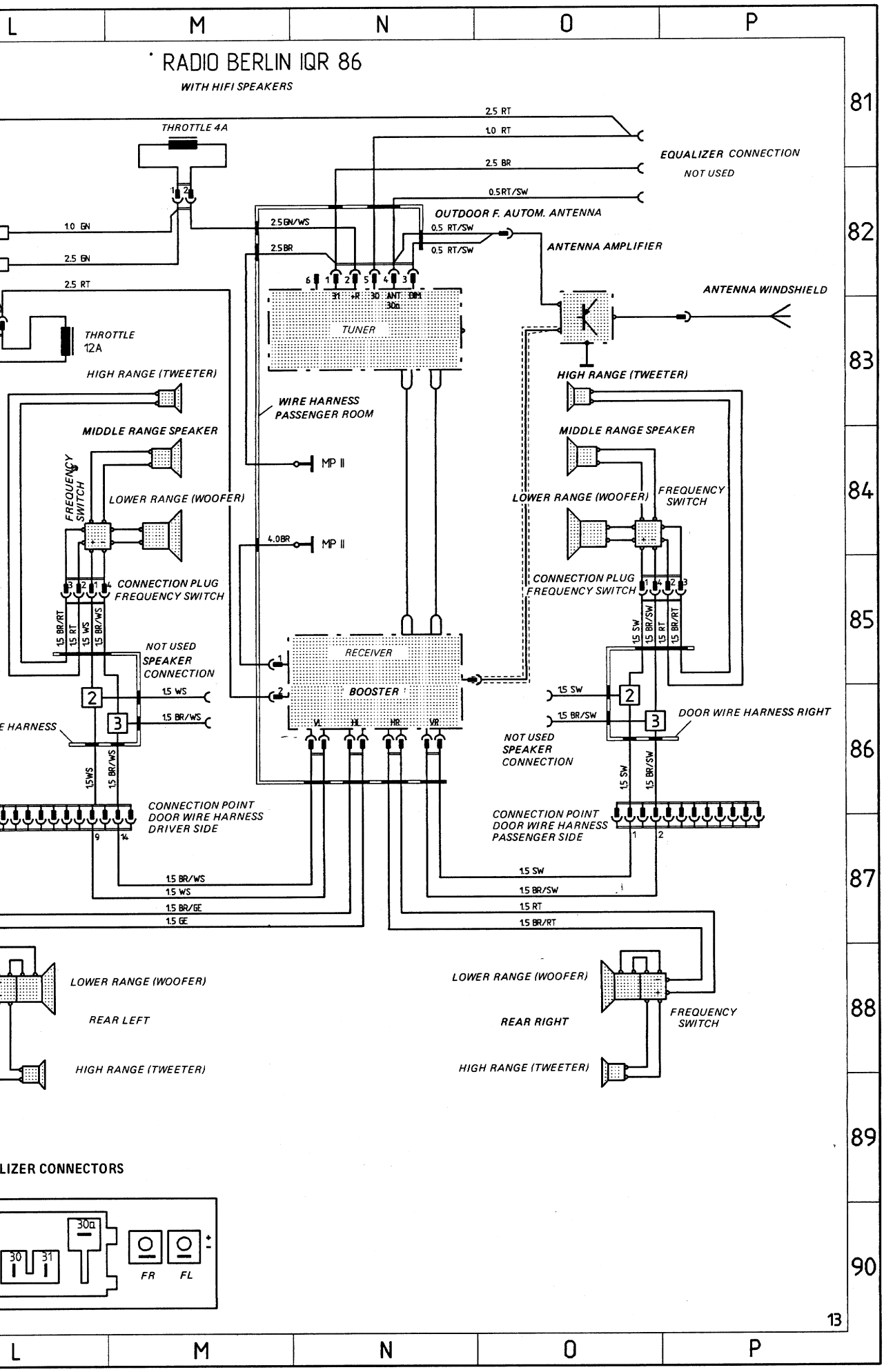
Wiring Diagram Type 944, 944 turbo, 944 S Model 87 S

RADIO



Sheet 13


F
G
H
J
K
L
RADIO WITH 2 FINAL STAGES
RADIO WITH 4 FINAL STAGES
2.5 RT/WS
EQUALIZER CONNECTOR
NOT USED
1.0 RT
2.5 RT
2.5 RT/WS
FOR RL DIRECTLY ON RADIO
OUTDOOR F. AUTOM. ANTENNA
K46
2.5 GN
K 3
1.0 GN
0.5 RT/SW
ANTENNA WINDSHIELD
ANTENNA AMPLIFIER
F43
RADIO
MP II
VL
HL
HR
VR
CENTRAL ELECTRIC
WIRE HARNESS PASSENGER ROOM
NOT USED
CONNECTION PLUG FREQUENCY SWITCH
DOOR WIRE HARNESS LEFT
DOOR WIRE HARNESS RIGHT
SPEAKER CONNECTION
NOT USED
CONNECTION POINT DOOR WIRE HARNESS DRIVER SIDE
CONNECTION POINT DOOR WIRE HARNESS PASSENGER SIDE
1.5 BR/WS
1.5 WS
1.5 BR/GE
1.5 GE
1.5 SW
1.5 BR/SW
1.5 RT
1.5 BR/RT
REAR LEFT
REAR RIGHT
THROTTLE
12A
HIGH RA
MIDDLE R
FREQUENCY SWITCH
LOW
DOOR WIRE HARNESS LEFT
LOWER RAN
FREQUENCY SWITCH
REAR LE
HIGH RANG
CONNECTORS RADIO
BODY GROUND PLUG
IGNITION SWITCH KL. R. PLUG
LAMPS
ANTENNA AMPLIFIER Autom. Ant.
BATTERY + KL. 30 PLUG
EQUALIZER CONNECTORS
RR
RL
30
31
30a

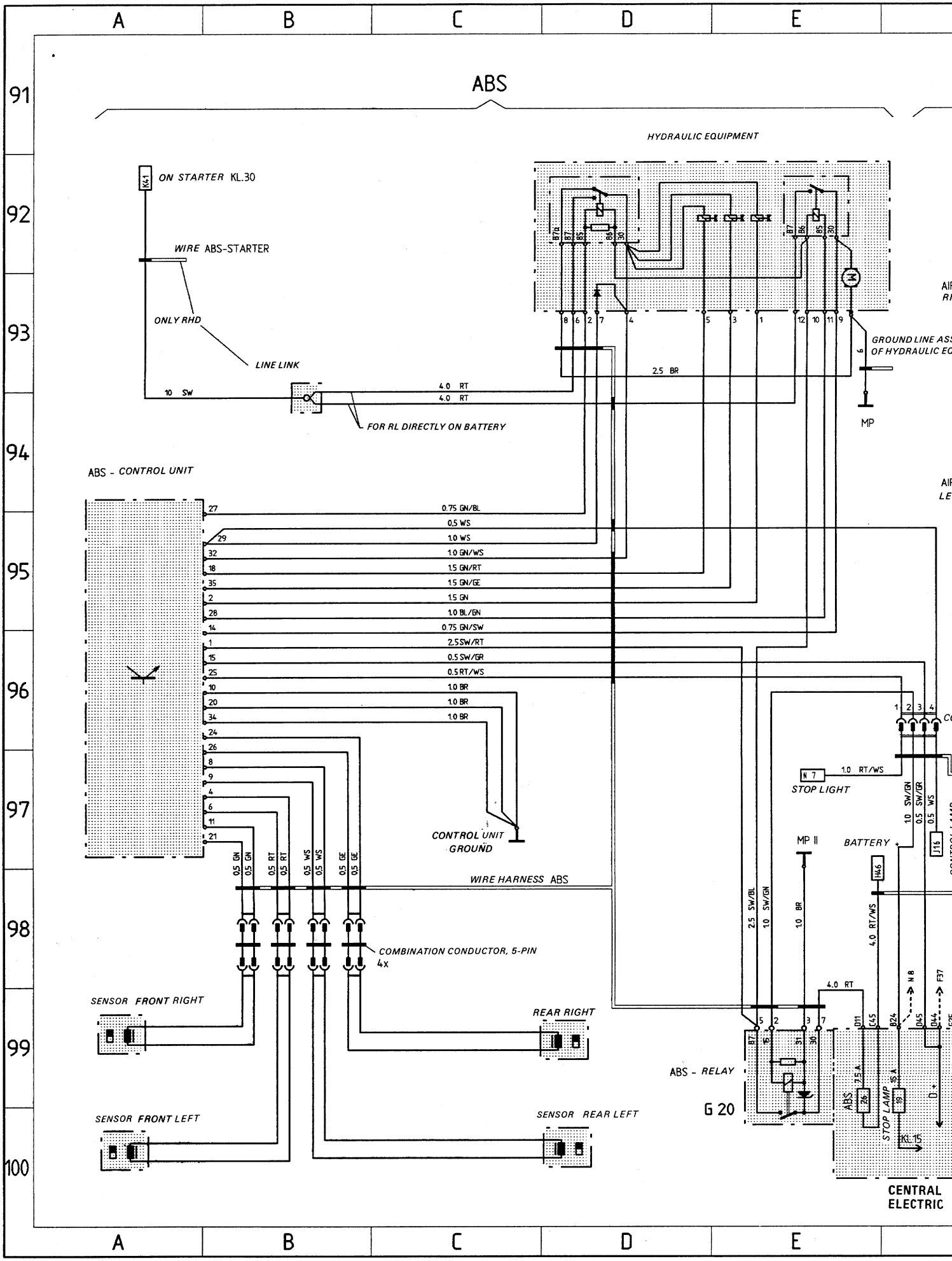

L
M
N
O
P
RADIO BERLIN IQR 86
WITH HIFI SPEAKERS
81
82
83
84
85
86
87
88
89
90
THROTTLE 4A
2.5 RT
1.0 RT
EQUALIZER CONNECTION
NOT USED
2.5 BR
0.5RT/SW
OUTDOOR F. AUTOM. ANTENNA
1.0 GN
2.5 GN
2.5GN/WS
2.5BR
0.5 RT/SW
0.5 RT/SW
ANTENNA AMPLIFIER
ANTENNA WINDSHIELD
TUNER
THROTTLE
12A
HIGH RANGE (TWEETER)
WIRE HARNESS
PASSENGER ROOM
MIDDLE RANGE SPEAKER
MP II
FREQUENCY SWITCH
LOWER RANGE (WOOFER)
4.0BR
CONNECTION PLUG
FREQUENCY SWITCH
1.5 BR/RT
1.5 RT
1.5 WS
1.5 BR/WS
NOT USED
SPEAKER
CONNECTION
RECEIVER
BOOSTER
1.5 WS
1.5 BR/WS
1.5 SW
1.5 BR/SW
DOOR WIRE HARNESS RIGHT
NOT USED
SPEAKER
CONNECTION
1.5WS
1.5 BR/WS
CONNECTION POINT
DOOR WIRE HARNESS
DRIVER SIDE
CONNECTION POINT
DOOR WIRE HARNESS
PASSENGER SIDE
1.5 BR/WS
1.5 WS
1.5 BR/GE
1.5 GE
1.5 SW
1.5 BR/SW
1.5 RT
1.5 BR/RT
LOWER RANGE (WOOFER)
REAR LEFT
HIGH RANGE (TWEETER)
LOWER RANGE (WOOFER)
REAR RIGHT
FREQUENCY SWITCH
HIGH RANGE (TWEETER)
LIZER CONNECTORS
30a
30
31
FR
FL
13

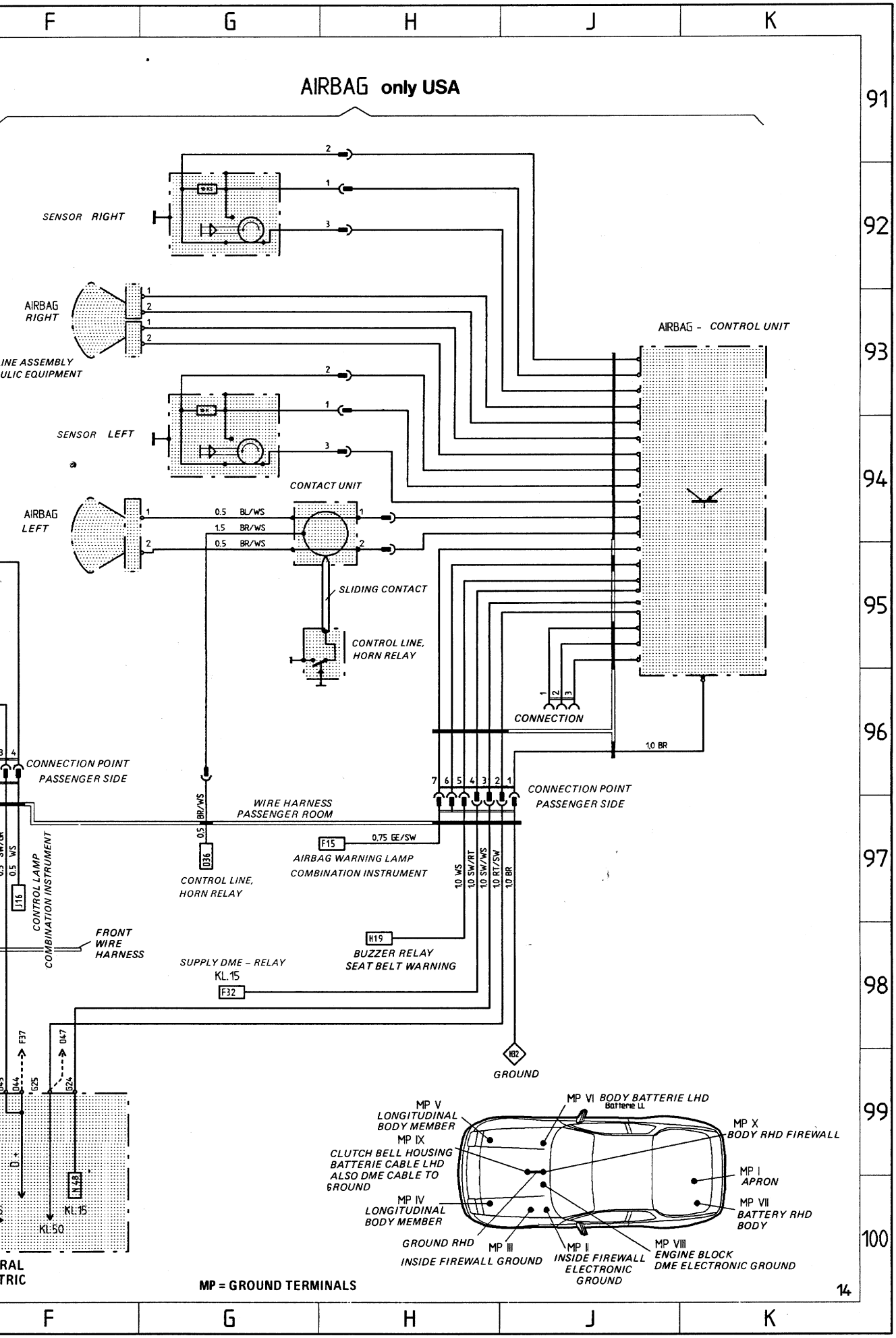
Wiring Diagram Type 944, 944 turbo 944 S Model 87 Sheet 14

ABS, AIRBAG

Wiring Diagram Type 944, 944 turbo, 944 S Model 87 She

ABS, AIRBAG




F
G
H
J
K
AIRBAG only USA
91
92
93
94
95
96
97
98
99
100
SENSOR RIGHT
AIRBAG RIGHT
INE ASSEMBLY
ULIC EQUIPMENT
SENSOR LEFT
AIRBAG LEFT
CONTACT UNIT
0.5 BL/WS
1.5 BR/WS
0.5 BR/WS
SLIDING CONTACT
CONTROL LINE, HORN RELAY
AIRBAG - CONTROL UNIT
CONNECTION
1,0 BR
CONNECTION POINT PASSENGER SIDE
WIRE HARNESS PASSENGER ROOM
BR/WS
0.5
D36
CONTROL LINE, HORN RELAY
F15
0,75 GE/SW
AIRBAG WARNING LAMP COMBINATION INSTRUMENT
1,0 WS
1,0 SW/RT
1,0 SW/WS
1,0 RT/SW
1,0 BR
CONTROL LAMP COMBINATION INSTRUMENT
FRONT WIRE HARNESS
H19
BUZZER RELAY SEAT BELT WARNING
SUPPLY DME - RELAY
KL.15
F32
H82
GROUND
D+
KL.15
KL.50
MP V LONGITUDINAL BODY MEMBER
MP VI BODY BATTERIE LHD
MP IX CLUTCH BELL HOUSING BATTERIE CABLE LHD ALSO DME CABLE TO GROUND
MP X BODY RHD FIREWALL
MP I APRON
MP IV LONGITUDINAL BODY MEMBER
MP VII BATTERY RHD BODY
GROUND RHD
MP III INSIDE FIREWALL GROUND
MP II INSIDE FIREWALL ELECTRONIC GROUND
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
RAL
TRIC
MP = GROUND TERMINALS
14

Wiring Diagram Type 924 S
Model 86

SHEET 1	LIGHTING
SHEET 2	INSTRUMENT CLUSTER, SENSORS, TILTING ROOF
SHEET 3	HEATING, VENTILATION, WIPER AND WASHER SYSTEM
SHEET 4	AC, WINDOW LIFTERS, ALARM SYSTEM
SHEET 5	AC RHD
SHEET 6	ENGINE, TEMPOSTAT
SHEET 7	CENTRAL ELECTRICAL SYSTEM

Wiring Diagram Type 924 S Model 86

The wiring diagram consists of seven individual wiring diagrams. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dash-dotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

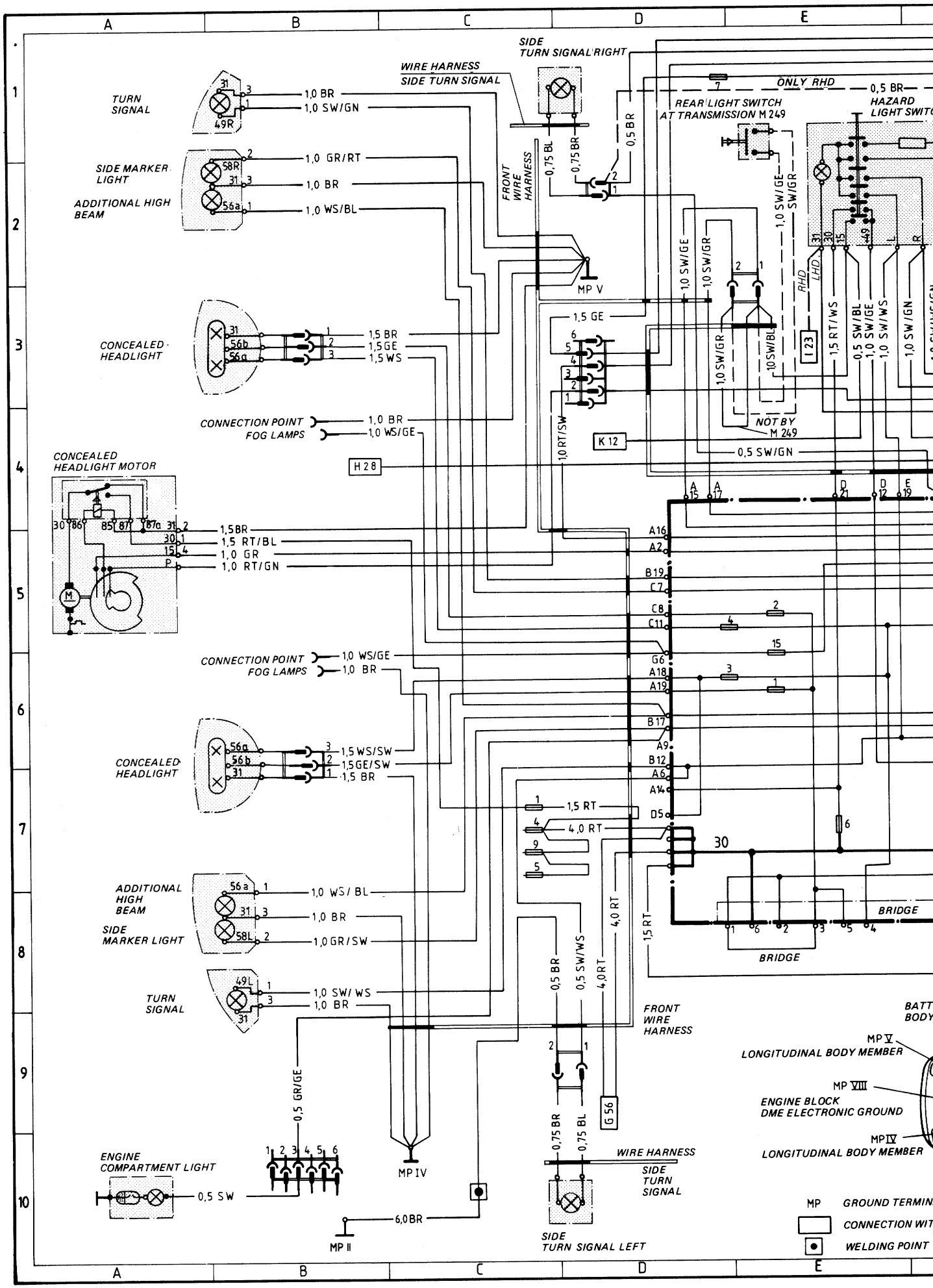
The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

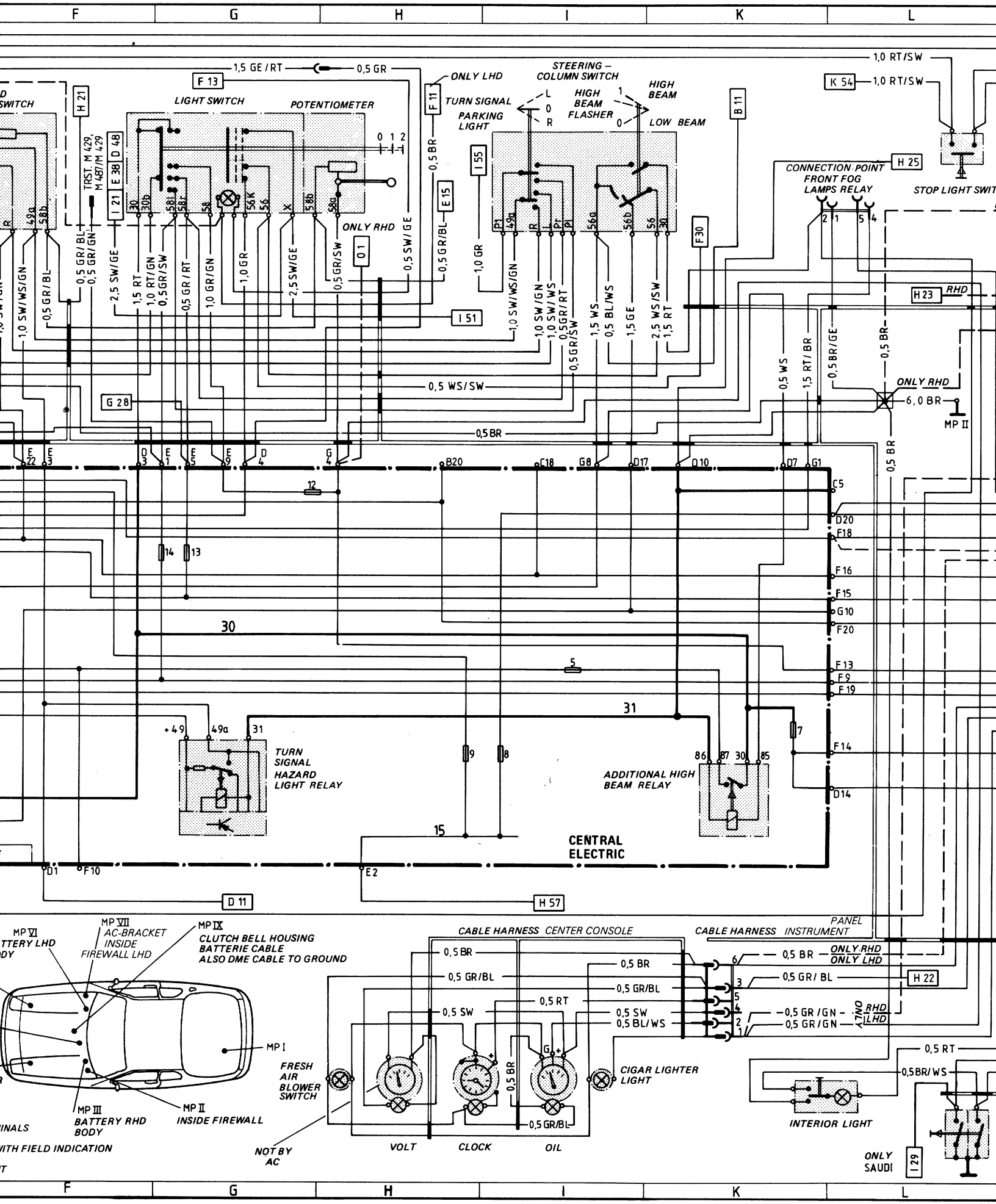
Wiring Diagram Type 924 S
Model 86 Sheet 1

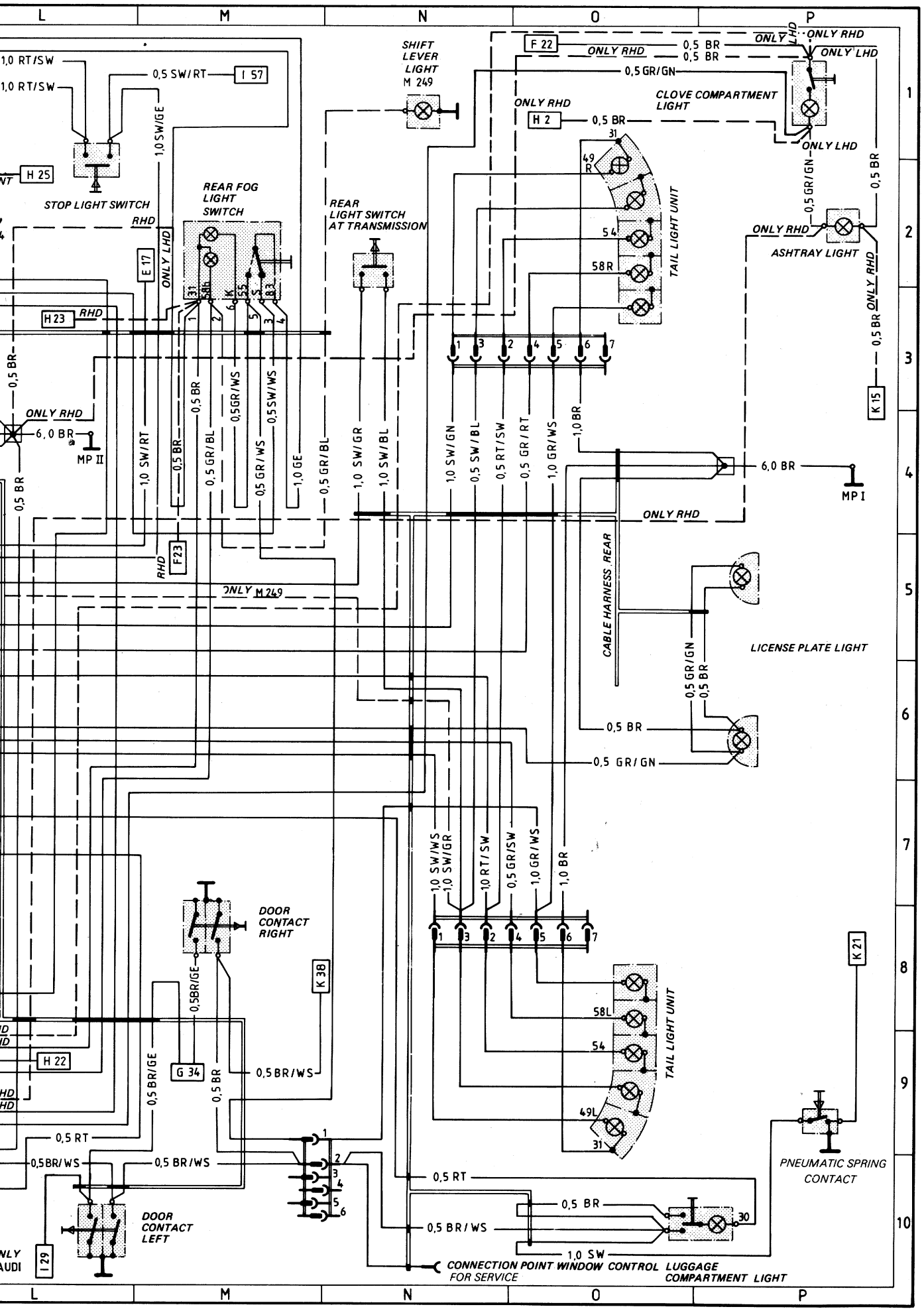
LIGHTING

Wiring Diagram Type 924 S Model 86 Sheet 1

LIGHTING




F
G
H
I
K
L
1,5 GE/RT
0,5 GR
F 13
LIGHT SWITCH
POTENTIOMETER
ONLY LHD
TURN SIGNAL
PARKING LIGHT
STEERING – COLUMN SWITCH
HIGH BEAM FLASHER
HIGH BEAM
LOW BEAM
1,0 RT/SW
K 54
STOP LIGHT SWIT
CONNECTION POINT FRONT FOG LAMPS RELAY
H 25
H 21
D 48
E 38
I 21
TRST. M 429, M 487/M 429
ONLY RHD
O 1
E 15
I 55
F 11
B 11
F 30
I 51
H 23
RHD
G 28
0,5 WS/SW
0,5 BR
6,0 BR
MP II
TURN SIGNAL HAZARD LIGHT RELAY
ADDITIONAL HIGH BEAM RELAY
CENTRAL ELECTRIC
D 11
H 57
MP VI
BATTERY LHD
MP VII
AC-BRACKET INSIDE FIREWALL LHD
MP IX
CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
MP I
FRESH AIR BLOWER SWITCH
MP III
BATTERY RHD BODY
MP II
INSIDE FIREWALL
NOT BY AC
CABLE HARNESS CENTER CONSOLE
CABLE HARNESS INSTRUMENT PANEL
ONLY RHD
ONLY LHD
H 22
CIGAR LIGHTER LIGHT
VOLT
CLOCK
OIL
INTERIOR LIGHT
ONLY SAUDI
I 29

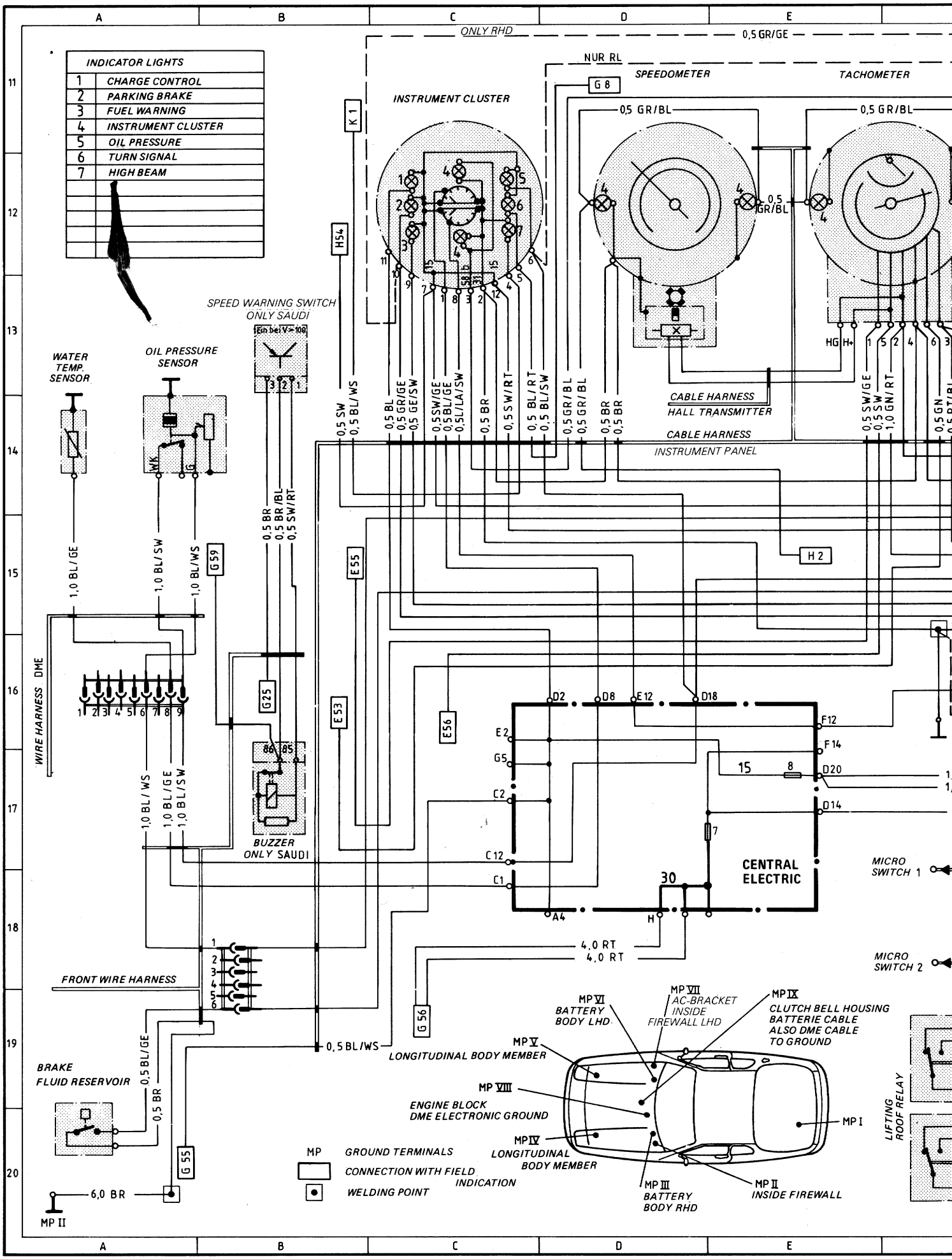

L
M
N
O
P
1,0 RT/SW
1,0 RT/SW
0,5 SW/RT
I 57
1,0 SW/GE
H 25
STOP LIGHT SWITCH
RHD
REAR FOG LIGHT SWITCH
ONLY LHD
E 17
H 23
RHD
0,5 BR
ONLY RHD
6,0 BR
MP II
0,5 BR
1,0 SW/RT
0,5 BR
0,5 GR/BL
0,5GR/WS
0,5 GR/WS
0,5SW/WS
1,0 GE
0,5 GR/BL
1,0 SW/GR
1,0 SW/BL
RHD
F23
ONLY M 249
SHIFT LEVER LIGHT
M 249
REAR LIGHT SWITCH AT TRANSMISSION
F 22
ONLY RHD
0,5 BR
0,5 BR
ONLY LHD
ONLY RHD
ONLY LHD
0,5 GR/GN
CLOVE COMPARTMENT LIGHT
ONLY RHD
H 2
0,5 BR
31
49 R
54
58R
TAIL LIGHT UNIT
ONLY LHD
0,5 GR/GN
0,5 BR
ONLY RHD
ASHTRAY LIGHT
ONLY RHD
0,5 BR
K 15
1,0 SW/GN
0,5 SW/BL
0,5 RT/SW
0,5 GR/RT
1,0 GR/WS
1,0 BR
6,0 BR
MP I
ONLY RHD
CABLE HARNESS, REAR
LICENSE PLATE LIGHT
0,5 GR/GN
0,5 BR
0,5 BR
0,5 GR/GN
1,0 SW/WS
1,0 SW/GR
1,0 RT/SW
0,5 GR/SW
1,0 GR/WS
1,0 BR
DOOR CONTACT RIGHT
K 38
0,5BR/GE
K 21
58L
54
49L
31
TAIL LIGHT UNIT
H 22
G 34
0,5 BR/GE
0,5 BR
0,5 BR/WS
0,5 RT
0,5BR/WS
0,5 BR/WS
0,5 RT
0,5 BR
0,5 BR/WS
30
1,0 SW
PNEUMATIC SPRING CONTACT
DOOR CONTACT LEFT
I 29
CONNECTION POINT FOR SERVICE
WINDOW CONTROL
LUGGAGE COMPARTMENT LIGHT
1
2
3
4
5
6
7
8
9
10

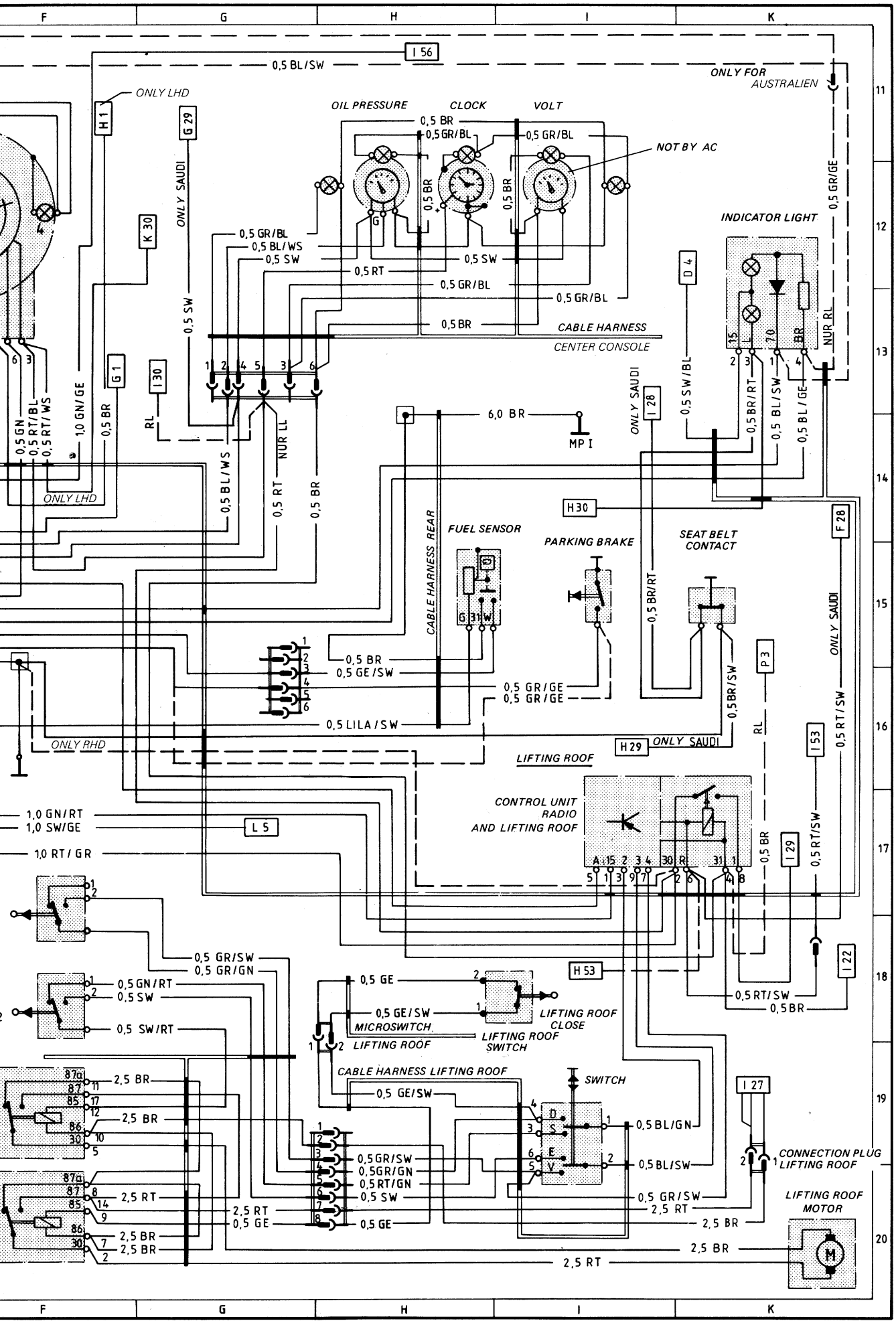
Wiring Diagram Type 924 S
Model 86 Sheet 2

INSTRUMENT CLUSTER, SENSORS,
TILTING ROOF

Wiring Diagram Type 924 S Model 86 Sheet 2

INSTRUMENT CLUSTER, SENSORS, TILTING ROOF



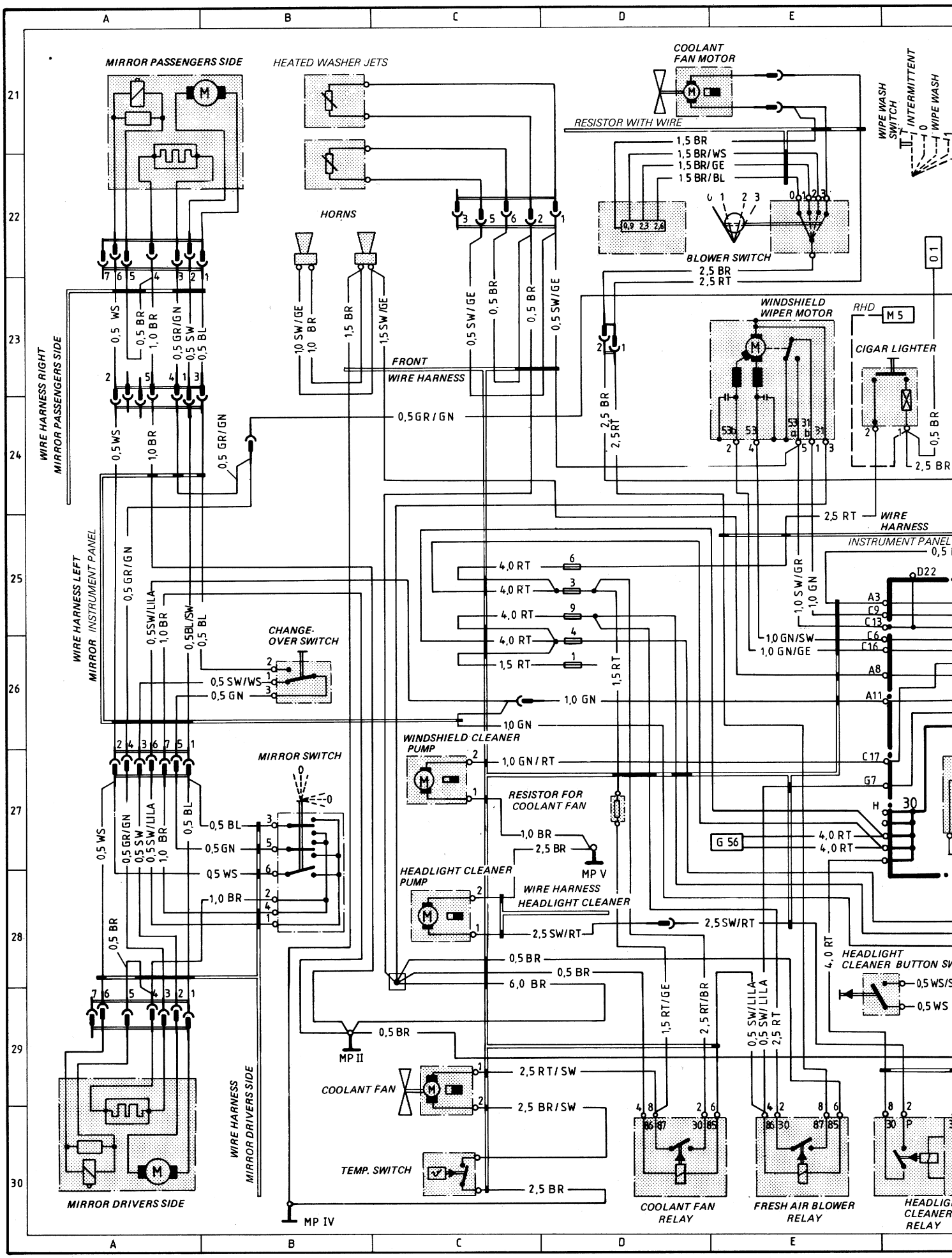

F
G
H
I
K
I 56
0,5 BL/SW
ONLY FOR AUSTRALIEN
ONLY LHD
H 1
G 29
ONLY SAUDI
OIL PRESSURE
CLOCK
VOLT
0,5 BR
0,5 GR/BL
NOT BY AC
0,5 GR/GE
INDICATOR LIGHT
K 30
0,5 BL/WS
0,5 SW
0,5 RT
CABLE HARNESS
CENTER CONSOLE
D 4
NUR RL
G 1
I 30
RL
NUR LL
1,0 GN/GE
0,5 GN
0,5 RT/BL
0,5 RT/WS
6,0 BR
MP I
I 28
0,5 SW/BL
0,5 BR/RT
0,5 BL/SW
0,5 BL/GE
H 30
F 28
FUEL SENSOR
PARKING BRAKE
SEAT BELT CONTACT
CABLE HARNESS REAR
0,5 GE/SW
0,5 GR/GE
0,5 LILA/SW
P 3
0,5 BR/SW
0,5 RT/SW
ONLY RHD
H 29
LIFTING ROOF
CONTROL UNIT RADIO AND LIFTING ROOF
1,0 GN/RT
1,0 SW/GE
L 5
1,0 RT/GR
I 29
I 53
I 22
0,5 GR/SW
0,5 GR/GN
0,5 GN/RT
0,5 SW
0,5 SW/RT
0,5 GE
0,5 GE/SW
MICROSWITCH LIFTING ROOF
LIFTING ROOF CLOSE
LIFTING ROOF SWITCH
H 53
CABLE HARNESS LIFTING ROOF
SWITCH
2,5 BR
2,5 RT
0,5 GR/SW
0,5 GR/GN
0,5 RT/GN
0,5 SW
0,5 GE
0,5 BL/GN
0,5 BL/SW
I 27
CONNECTION PLUG LIFTING ROOF
LIFTING ROOF MOTOR

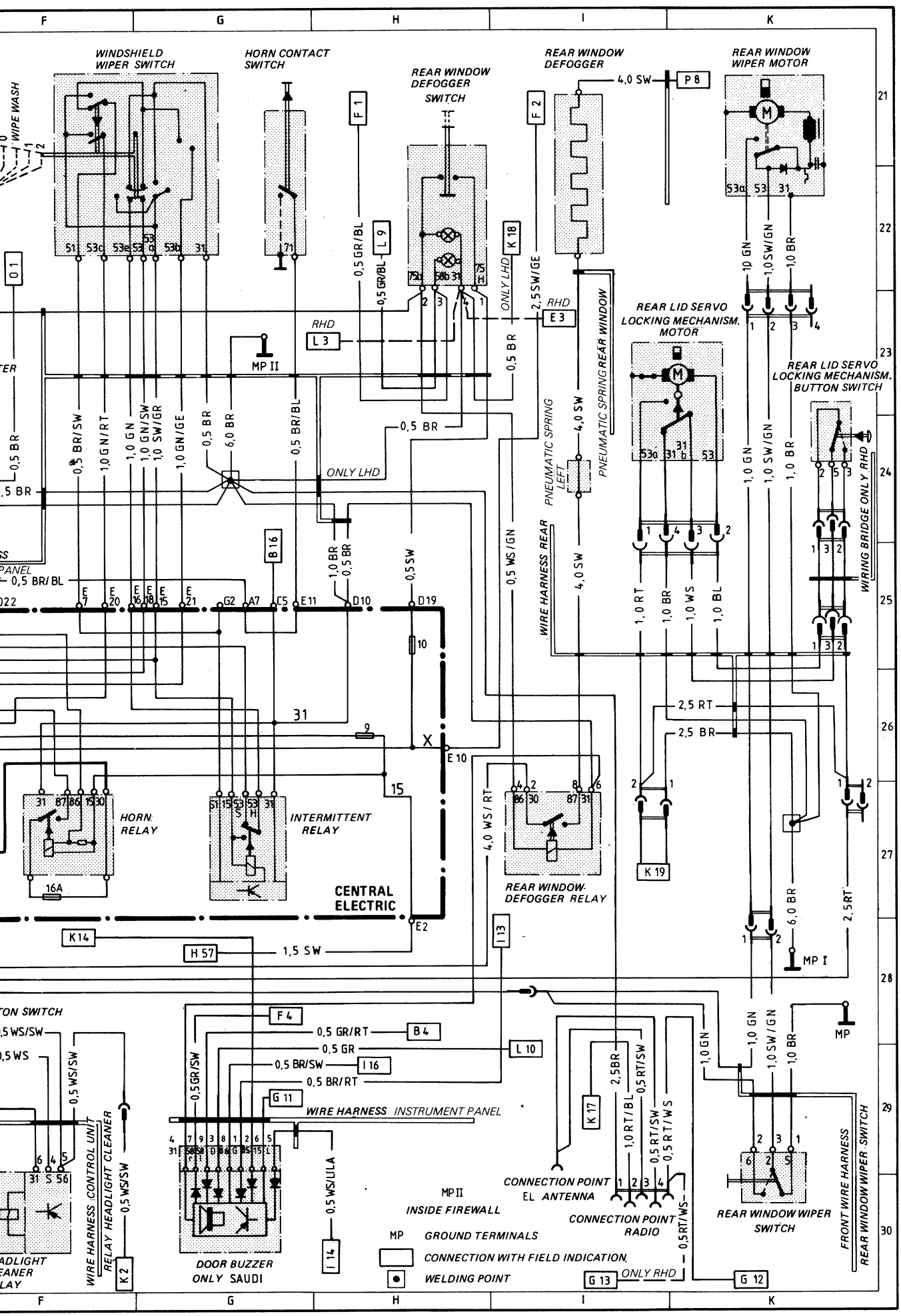
Wiring Diagram Type 924 S Model 86 Sheet 3

HEATING, VENTILATION,
WIPER AND WASHER SYSTEM

Wiring Diagram Type 924 S Model 86 Sheet 3

HEATING, VENTILATION, WIPER AND WASHER SYSTEM



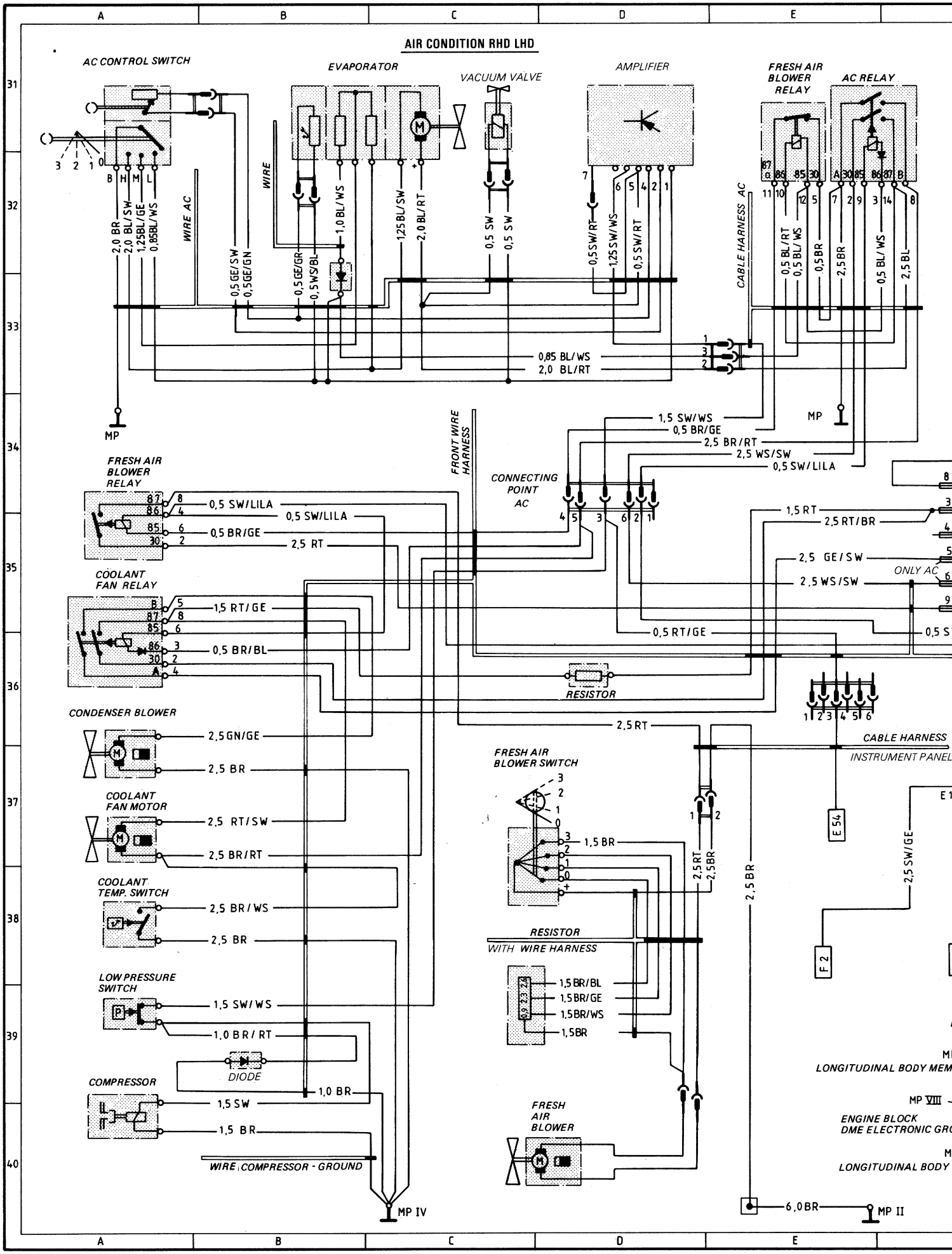

WINDSHIELD WIPER SWITCH
HORN CONTACT SWITCH
REAR WINDOW DEFOGGER SWITCH
REAR WINDOW DEFOGGER
REAR WINDOW WIPER MOTOR
REAR LID SERVO LOCKING MECHANISM. MOTOR
REAR LID SERVO LOCKING MECHANISM. BUTTON SWITCH
WIPE WASH
ONLY LHD
RHD
PNEUMATIC SPRING REAR WINDOW
PNEUMATIC SPRING LEFT
WIRE HARNESS REAR
WIRING BRIDGE ONLY RHD
HORN RELAY
INTERMITTENT RELAY
CENTRAL ELECTRIC
REAR WINDOW-DEFOGGER RELAY
WIRE HARNESS INSTRUMENT PANEL
WIRE HARNESS CONTROL UNIT
RELAY HEADLIGHT CLEANER
DOOR BUZZER ONLY SAUDI
CONNECTION POINT EL ANTENNA
CONNECTION POINT RADIO
REAR WINDOW WIPER SWITCH
FRONT WIRE HARNESS
REAR WINDOW WIPER SWITCH
MP II INSIDE FIREWALL
MP GROUND TERMINALS
CONNECTION WITH FIELD INDICATION
WELDING POINT
ONLY RHD

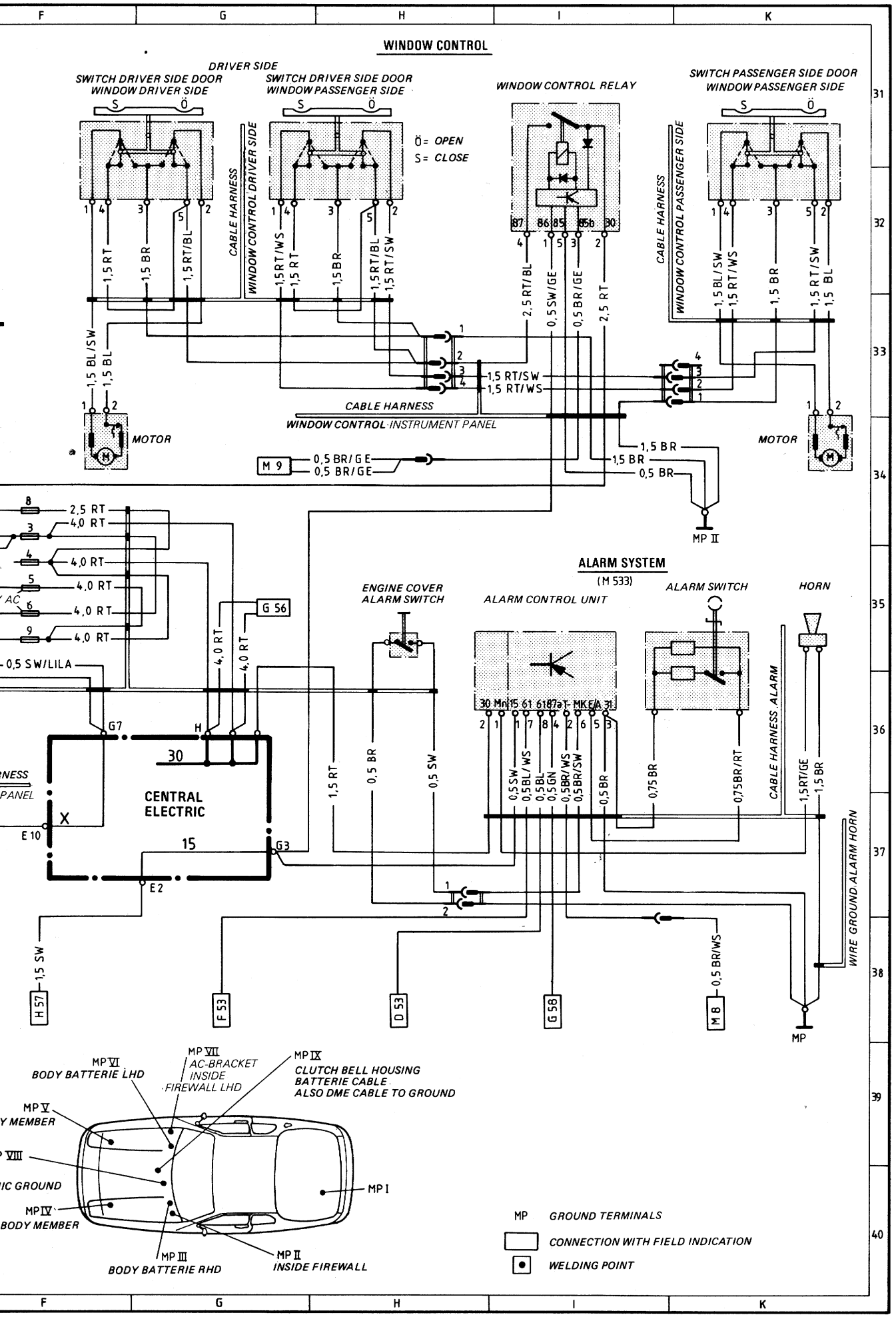
Wiring Diagram Type 924 S
Model 86 Sheet 4

AC, WINDOW LIFTERS, ALARM SYSTEM

Wiring Diagram Type 924 S Model 86 Sheet 4

AC, WINDOW LIFTERS, ALARM SYSTEM



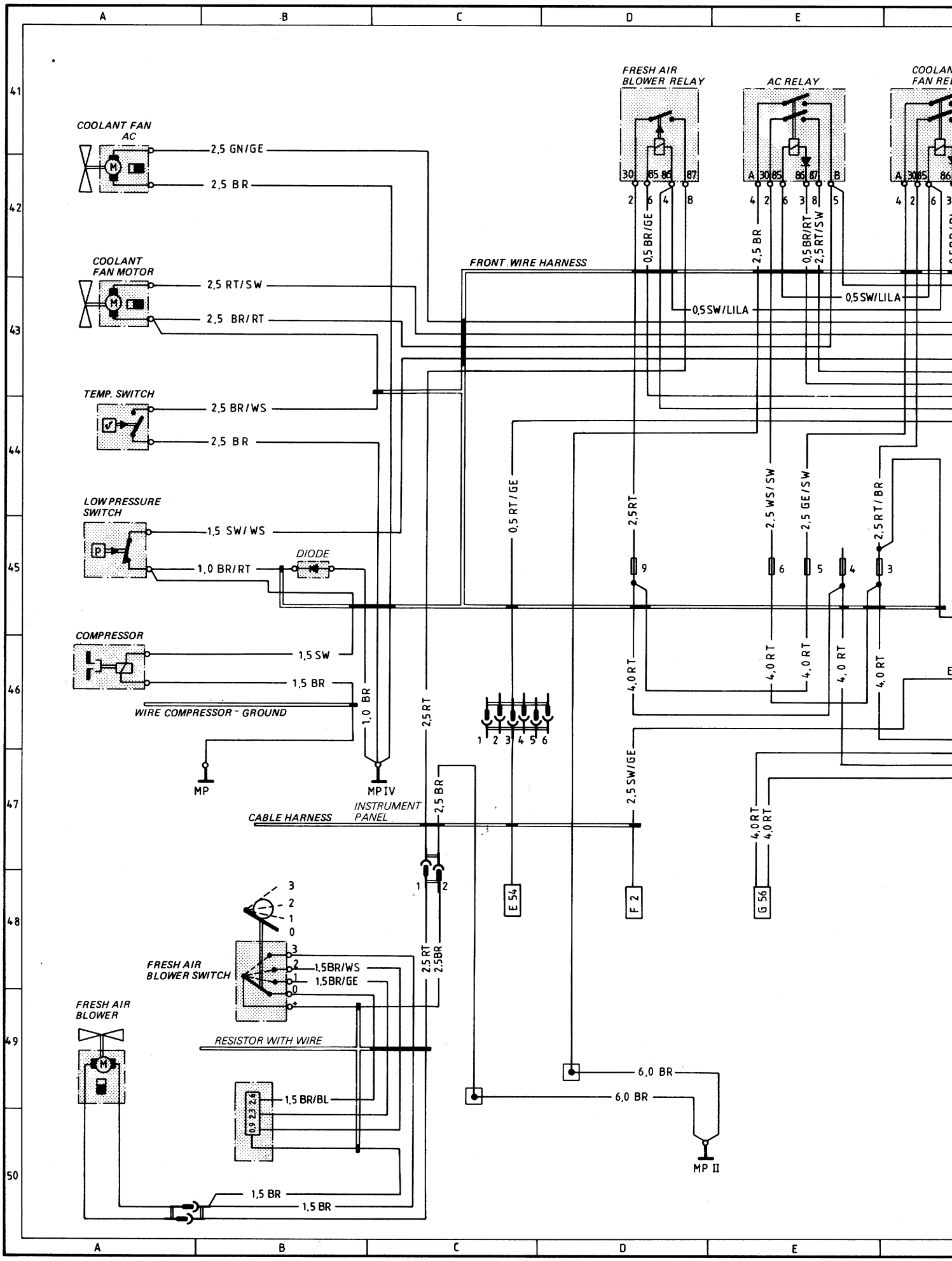

WINDOW CONTROL
DRIVER SIDE
SWITCH DRIVER SIDE DOOR WINDOW DRIVER SIDE
SWITCH DRIVER SIDE DOOR WINDOW PASSENGER SIDE
WINDOW CONTROL RELAY
SWITCH PASSENGER SIDE DOOR WINDOW PASSENGER SIDE
Ö = OPEN
S = CLOSE
CABLE HARNESS WINDOW CONTROL DRIVER SIDE
CABLE HARNESS WINDOW CONTROL PASSENGER SIDE
CABLE HARNESS WINDOW CONTROL-INSTRUMENT PANEL
MOTOR
M 9
MP II
ALARM SYSTEM
(M 533)
ENGINE COVER ALARM SWITCH
ALARM CONTROL UNIT
ALARM SWITCH
HORN
CENTRAL ELECTRIC
CABLE HARNESS ALARM
WIRE GROUND ALARM HORN
H 57
F 53
D 53
G 58
M 8
MP
MP VI BODY BATTERIE LHD
MP VII AC-BRACKET INSIDE FIREWALL LHD
MP IX CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
MP V
MP VIII
MP IV BODY MEMBER
MP I
MP III BODY BATTERIE RHD
MP II INSIDE FIREWALL
MP GROUND TERMINALS
CONNECTION WITH FIELD INDICATION
WELDING POINT

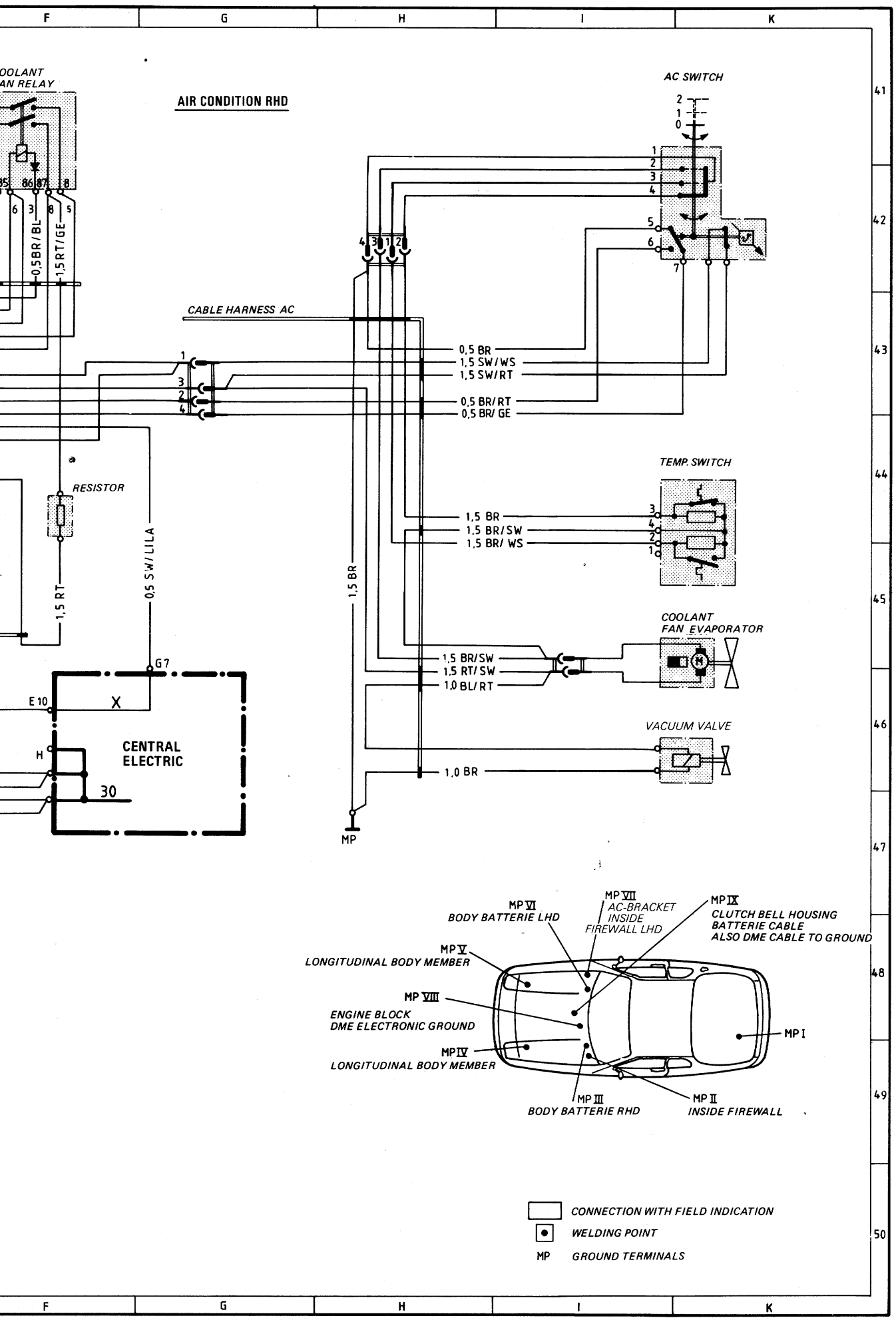
Wiring Diagram Type 924 S
Model 86 Sheet 5

AC RHD

Wiring Diagram Type 924 S Model 86 Sheet 5

AC RHD



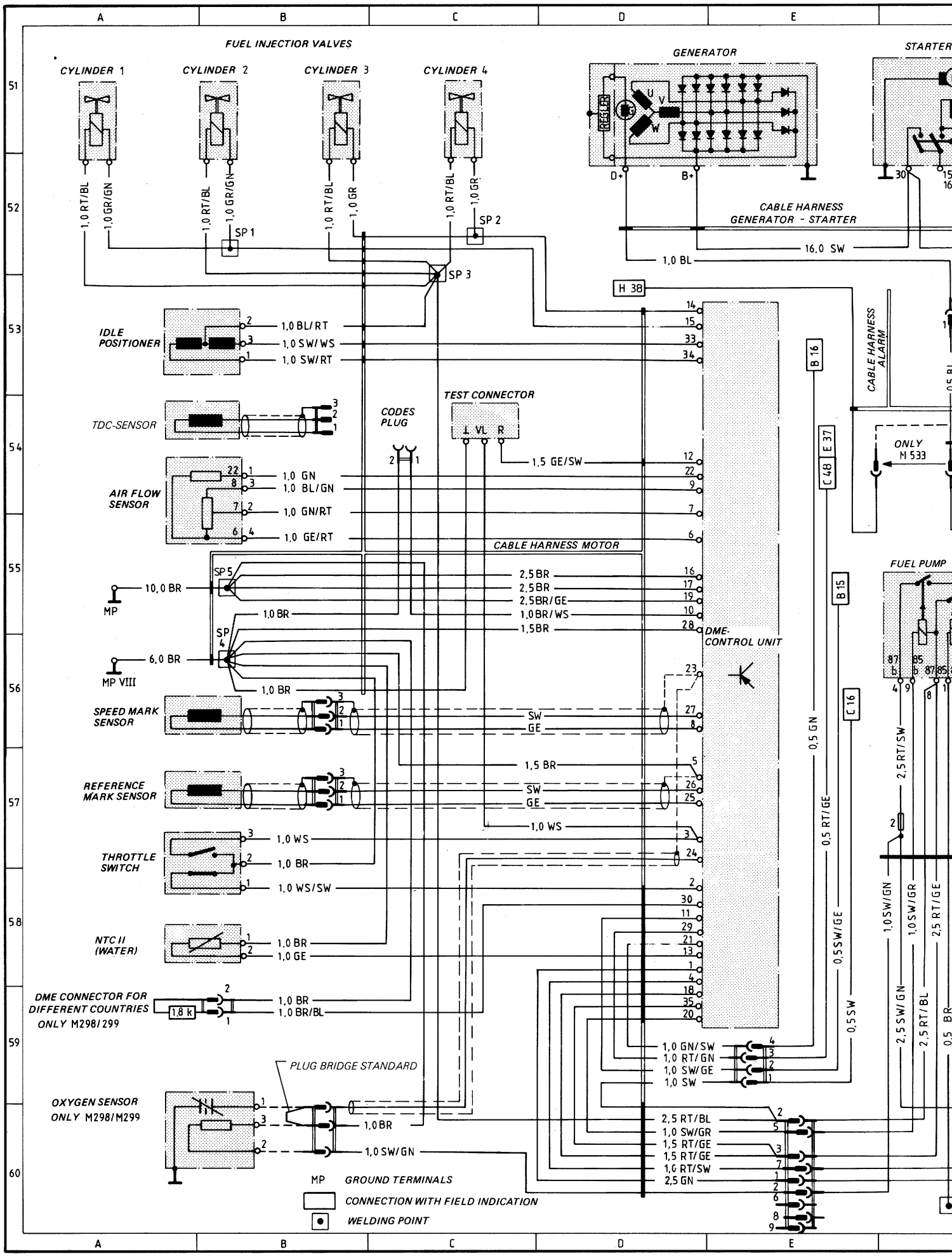

F
G
H
I
K
41
42
43
44
45
46
47
48
49
50
OOLANT
AN RELAY
AIR CONDITION RHD
AC SWITCH
CABLE HARNESS AC
0,5 BR
1,5 SW/WS
1,5 SW/RT
0,5 BR/RT
0,5 BR/ GE
TEMP. SWITCH
1,5 BR
1,5 BR/SW
1,5 BR/ WS
RESISTOR
0,5 BR/BL
1,5 RT/GE
1,5 RT
0,5 SW/LILA
1,5 BR
COOLANT
FAN EVAPORATOR
1,5 BR/SW
1,5 RT/SW
1,0 BL/RT
VACUUM VALVE
1,0 BR
G7
E 10
X
CENTRAL
ELECTRIC
H
30
MP
MP VI
BODY BATTERIE LHD
MP VII
AC-BRACKET
INSIDE
FIREWALL LHD
MP IX
CLUTCH BELL HOUSING
BATTERIE CABLE
ALSO DME CABLE TO GROUND
MP V
LONGITUDINAL BODY MEMBER
MP VIII
ENGINE BLOCK
DME ELECTRONIC GROUND
MP IV
LONGITUDINAL BODY MEMBER
MP I
MP III
BODY BATTERIE RHD
MP II
INSIDE FIREWALL
CONNECTION WITH FIELD INDICATION
WELDING POINT
MP GROUND TERMINALS

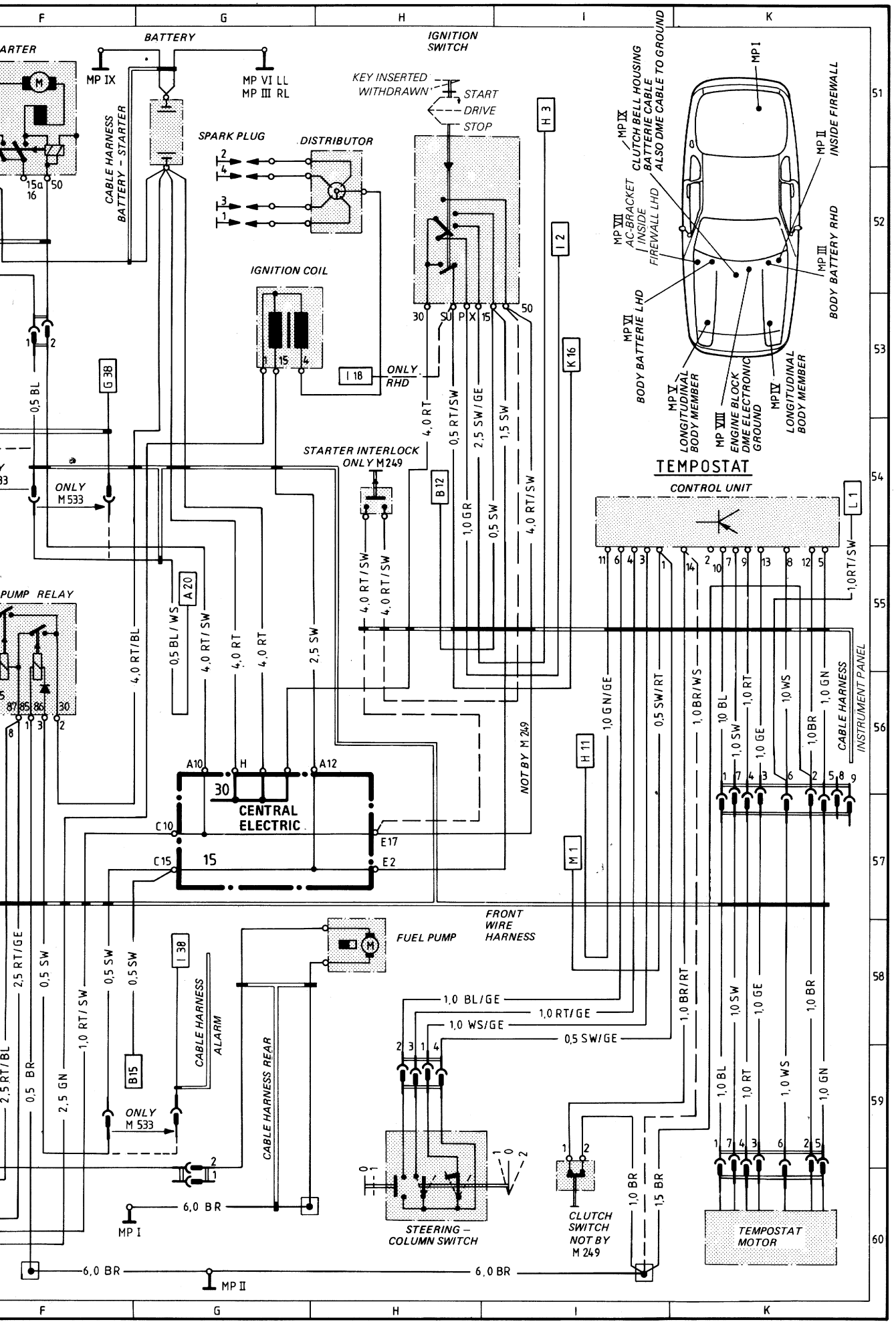
Wiring Diagram Type 924 S
Model 86 Sheet 6

ENGINE, TEMPOSTAT

Wiring Diagram Type 924 S Model 86 Sheet 6

ENGINE, TEMPOSTAT



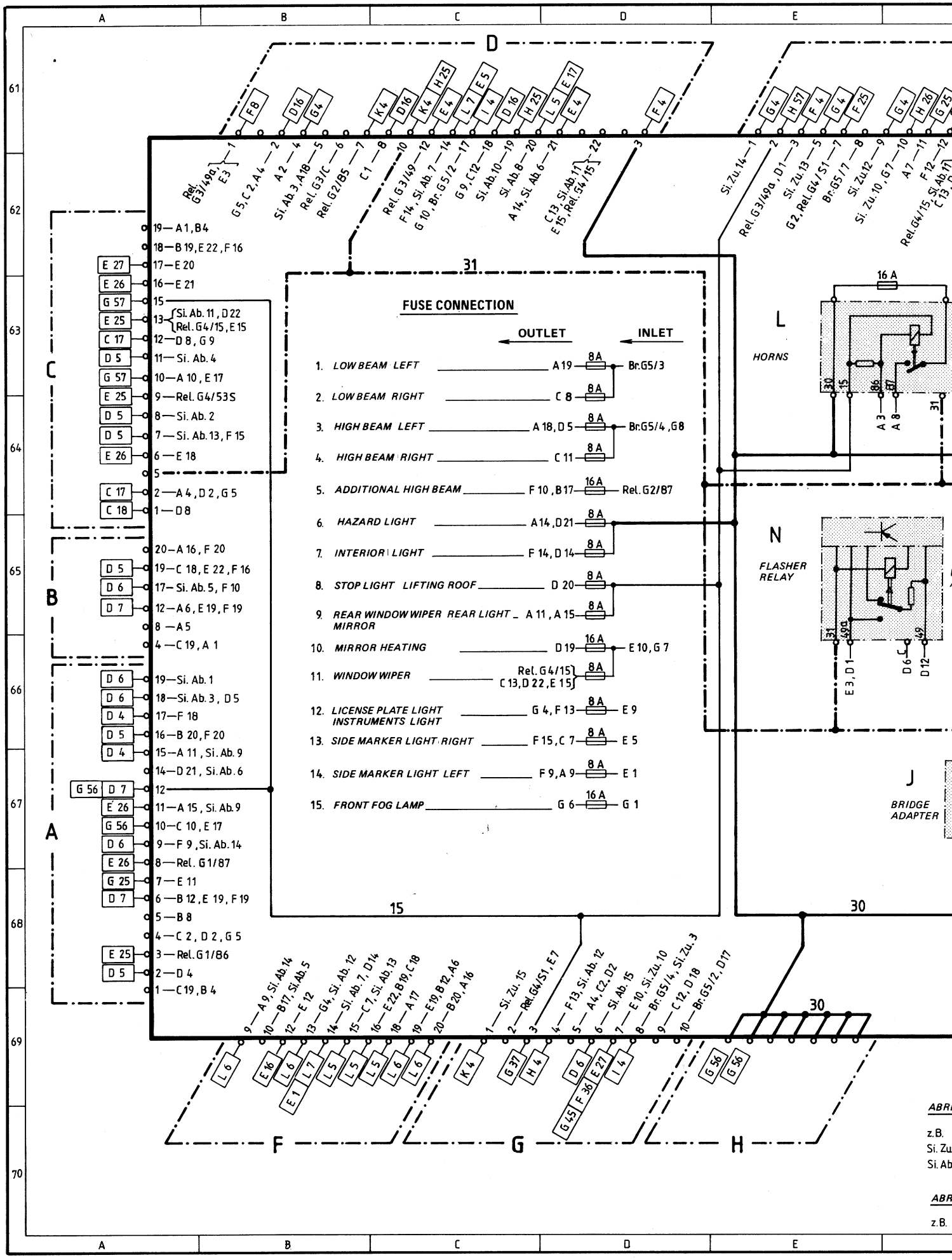

BATTERY
IGNITION SWITCH
MP IX
MP VI LL
MP III RL
KEY INSERTED
WITHDRAWN
START
DRIVE
STOP
SPARK PLUG
DISTRIBUTOR
CABLE HARNESS BATTERY - STARTER
IGNITION COIL
ONLY RHD
ONLY M 533
STARTER INTERLOCK ONLY M 249
PUMP RELAY
CENTRAL ELECTRIC
NOT BY M 249
FRONT WIRE HARNESS
FUEL PUMP
CABLE HARNESS ALARM
CABLE HARNESS REAR
STEERING - COLUMN SWITCH
CLUTCH SWITCH NOT BY M 249
TEMPOSTAT
CONTROL UNIT
TEMPOSTAT MOTOR
CABLE HARNESS INSTRUMENT PANEL
MP I
MP II
MP III BODY BATTERY RHD
MP IV LONGITUDINAL BODY MEMBER
MP V LONGITUDINAL BODY MEMBER
MP VI BODY BATTERIE LHD
MP VII AC-BRACKET INSIDE FIREWALL LHD
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP IX CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND

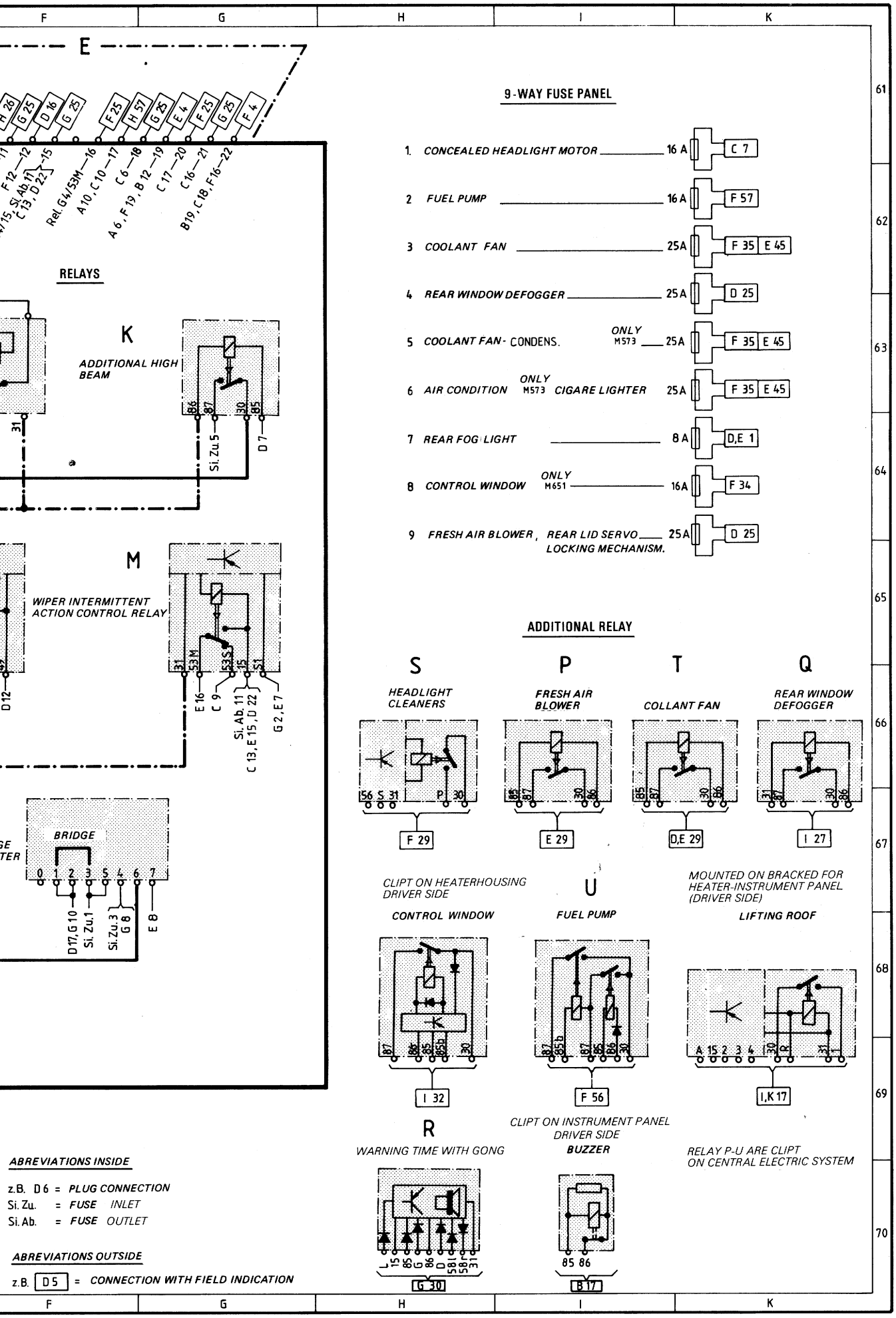
Wiring Diagram Type 924 S
Model 86 Sheet 7

CENTRAL ELECTRICAL SYSTEM

Wiring Diagram Type 924 S Model 86 Sheet 7

CENTRAL ELECTRICAL SYSTEM




F
G
H
I
K
E
RELAYS
K
ADDITIONAL HIGH BEAM
M
WIPER INTERMITTENT ACTION CONTROL RELAY
BRIDGE
9-WAY FUSE PANEL
1. CONCEALED HEADLIGHT MOTOR 16 A C 7
2 FUEL PUMP 16 A F 57
3 COOLANT FAN 25A F 35 E 45
4 REAR WINDOW DEFOGGER 25A D 25
5 COOLANT FAN - CONDENS. ONLY M573 25A F 35 E 45
6 AIR CONDITION ONLY M573 CIGARE LIGHTER 25A F 35 E 45
7 REAR FOG LIGHT 8 A D,E 1
8 CONTROL WINDOW ONLY M651 16A F 34
9 FRESH AIR BLOWER, REAR LID SERVO LOCKING MECHANISM. 25A D 25
ADDITIONAL RELAY
S
HEADLIGHT CLEANERS
F 29
P
FRESH AIR BLOWER
E 29
T
COLLANT FAN
D,E 29
Q
REAR WINDOW DEFOGGER
I 27
CLIPT ON HEATERHOUSING DRIVER SIDE
CONTROL WINDOW
I 32
U
FUEL PUMP
F 56
MOUNTED ON BRACKED FOR HEATER-INSTRUMENT PANEL (DRIVER SIDE)
LIFTING ROOF
I,K 17
R
WARNING TIME WITH GONG
G 30
CLIPT ON INSTRUMENT PANEL DRIVER SIDE
BUZZER
B 17
RELAY P-U ARE CLIPT ON CENTRAL ELECTRIC SYSTEM
ABREVIATIONS INSIDE
z.B. D 6 = PLUG CONNECTION
Si. Zu. = FUSE INLET
Si. Ab. = FUSE OUTLET
ABREVIATIONS OUTSIDE
z.B. D 5 = CONNECTION WITH FIELD INDICATION
61
62
63
64
65
66
67
68
69
70

Wiring Diagram Type 924 S
Model 87

Wiring Diagram Type 924 S Model 87

The wiring diagram consists of **nine** individual wiring diagrams. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dash-dotted frame.

This part of the central-electrics box shows all the lines and relays necessary for the individual wiring diagram.

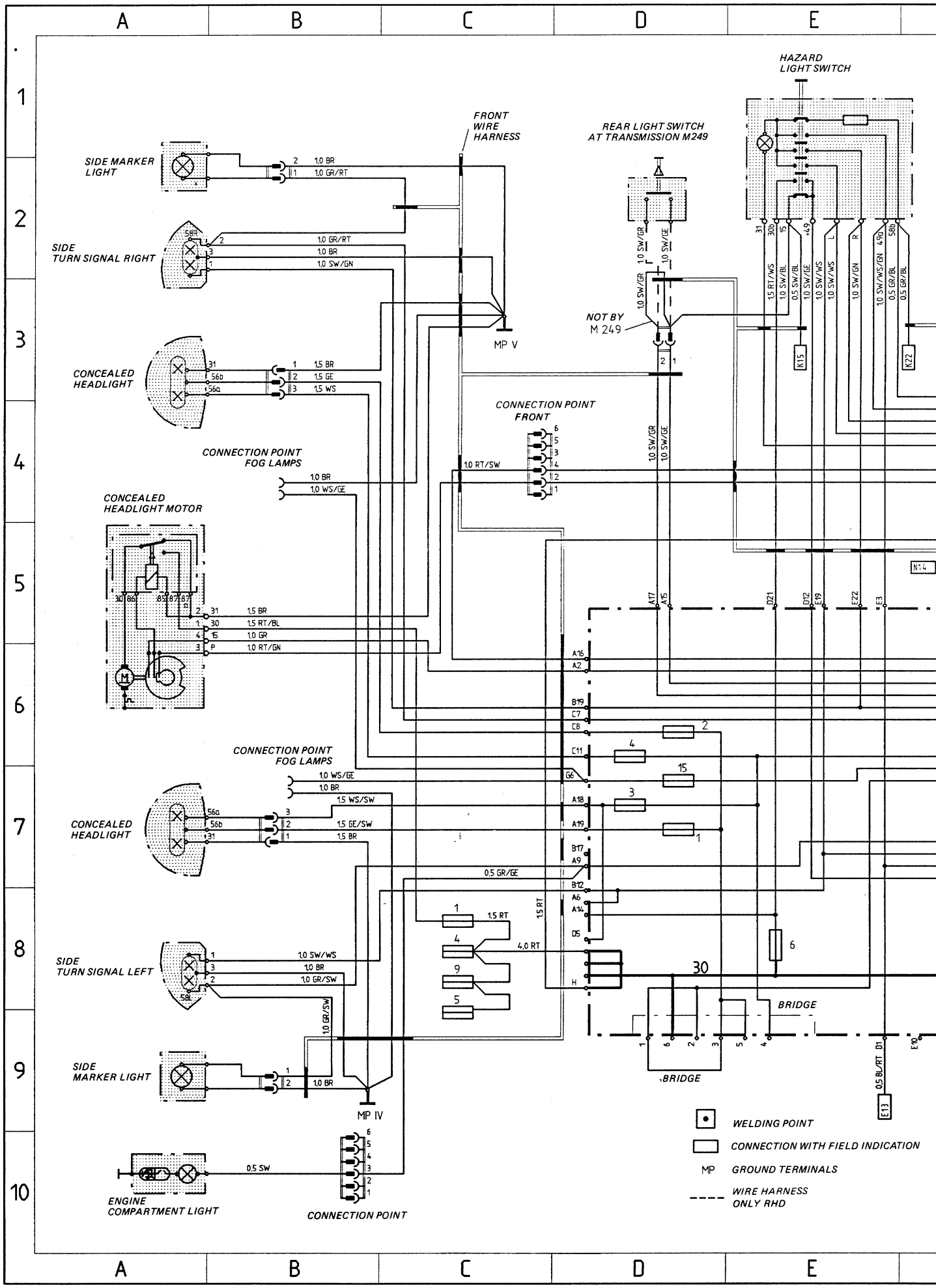
The earth/ground points are identified by "MP" and their location is shown in a vehicle diagram.

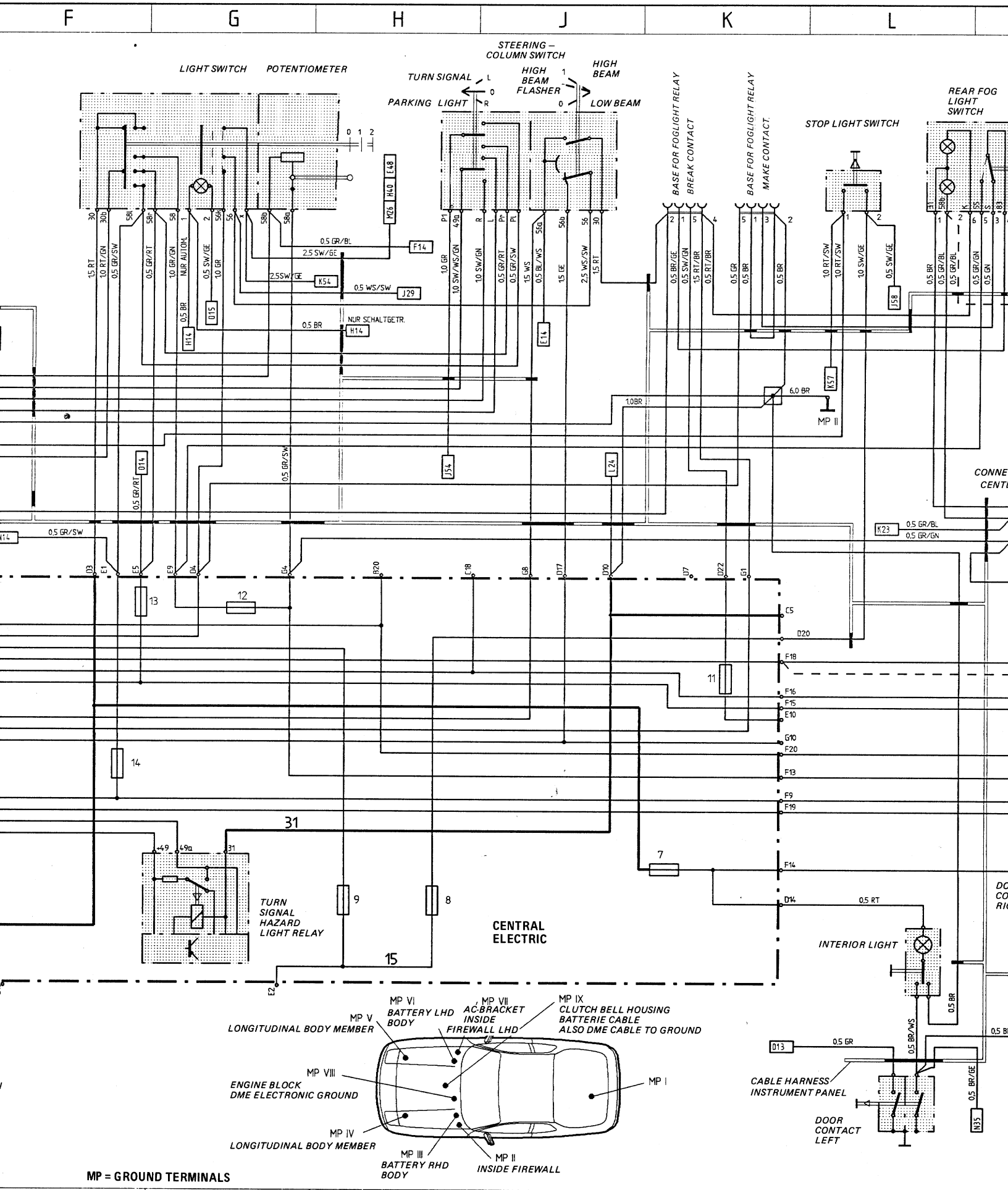
Wiring Diagram Type 924 S Model 87 Sheet 1

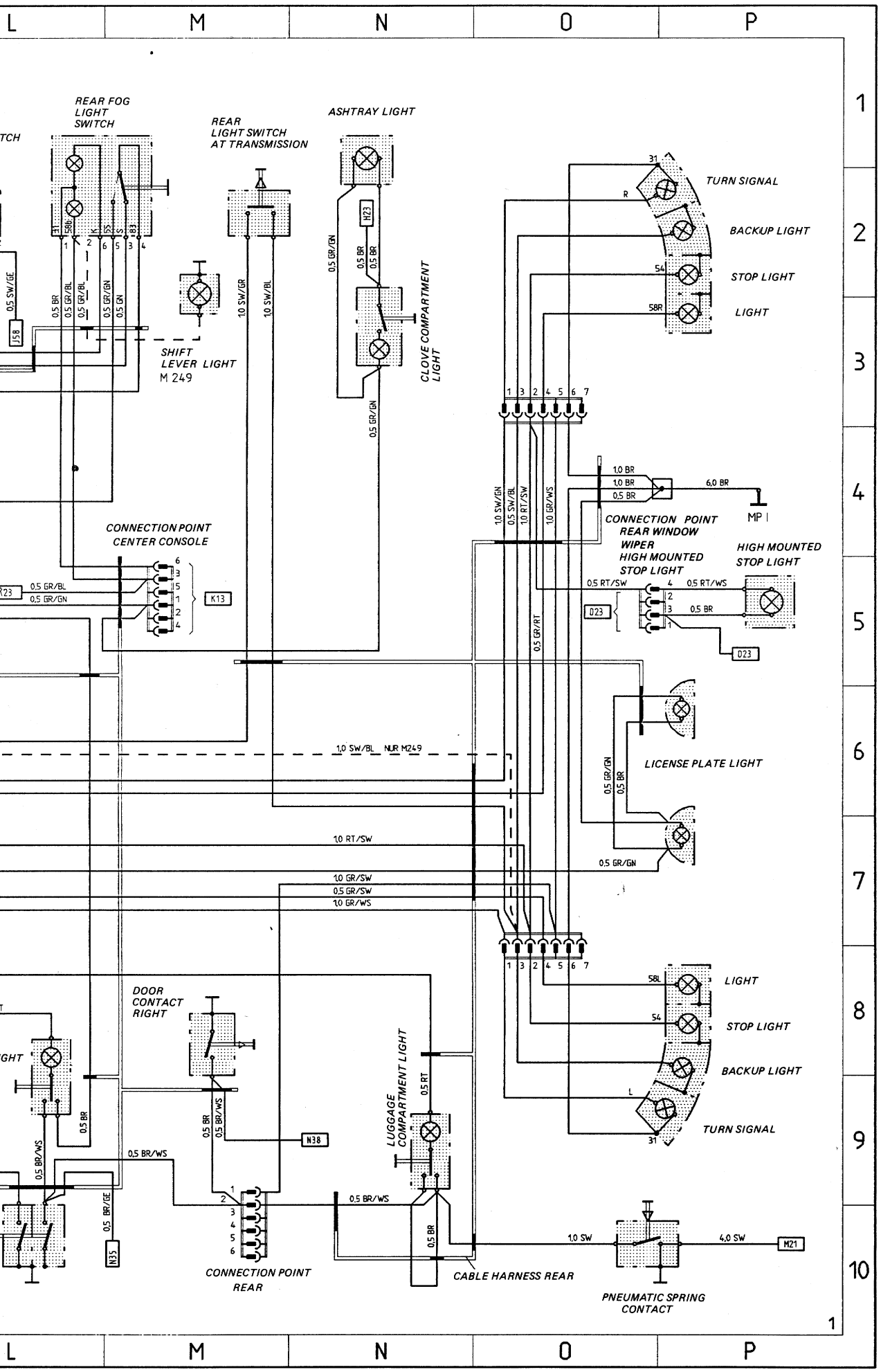
LIGHTING USA

Wiring Diagram Type 924 S Model 87 Sheet 1

LIGHTING USA




F
G
H
J
K
L
LIGHT SWITCH
POTENTIOMETER
STEERING – COLUMN SWITCH
TURN SIGNAL
PARKING LIGHT
HIGH BEAM FLASHER
HIGH BEAM
LOW BEAM
BASE FOR FOGLIGHT RELAY BREAK CONTACT
BASE FOR FOGLIGHT RELAY MAKE CONTACT
STOP LIGHT SWITCH
REAR FOG LIGHT SWITCH
NUR SCHALTGETR.
NUR AUTOM.
MP II
TURN SIGNAL HAZARD LIGHT RELAY
CENTRAL ELECTRIC
INTERIOR LIGHT
CABLE HARNESS INSTRUMENT PANEL
DOOR CONTACT LEFT
MP V
LONGITUDINAL BODY MEMBER
MP VI
BATTERY LHD BODY
MP VII
AC-BRACKET INSIDE FIREWALL LHD
MP IX
CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
MP VIII
ENGINE BLOCK DME ELECTRONIC GROUND
MP I
MP IV
LONGITUDINAL BODY MEMBER
MP III
BATTERY RHD BODY
MP II
INSIDE FIREWALL
MP = GROUND TERMINALS

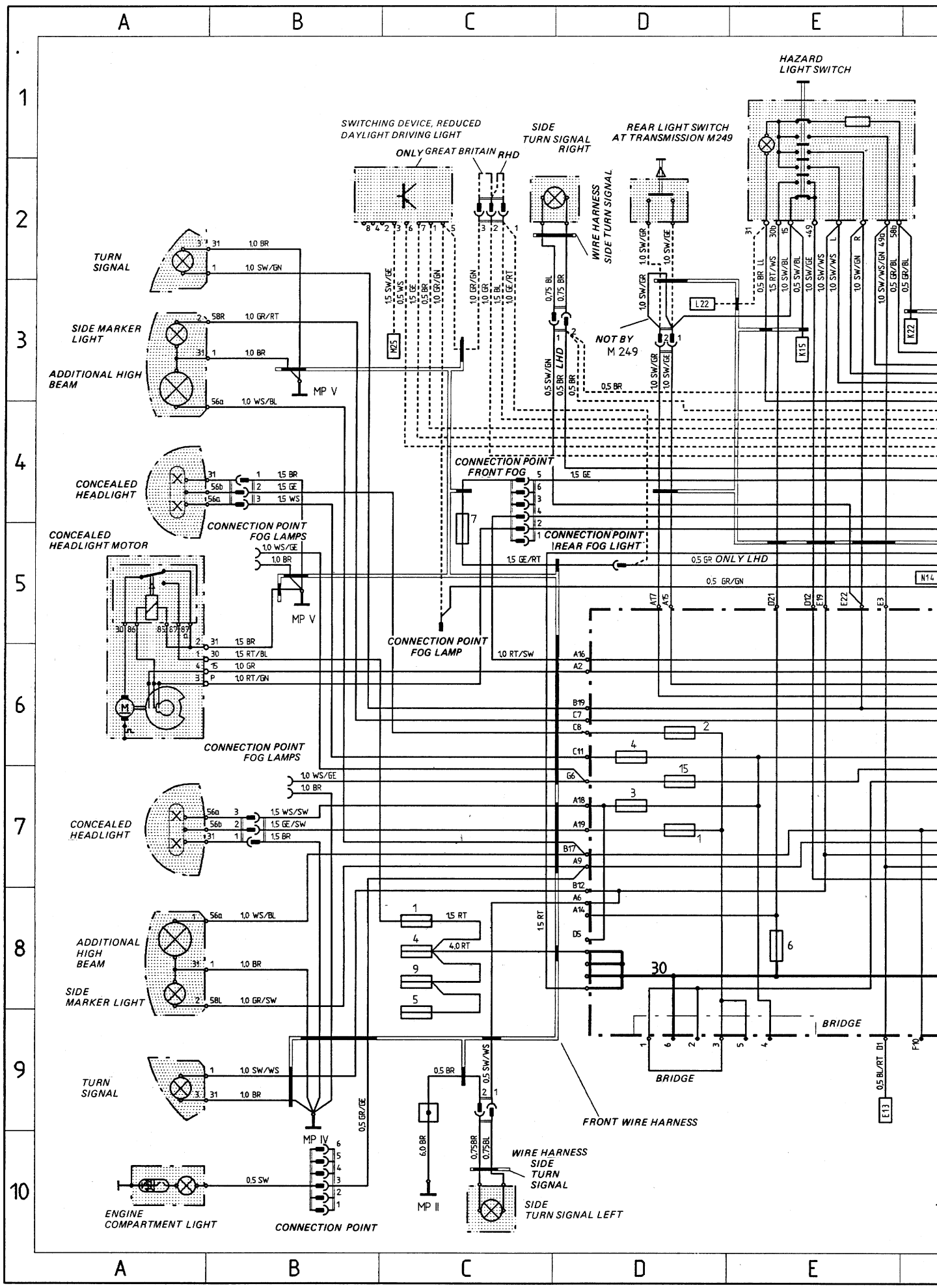

L
M
N
O
P
1
2
3
4
5
6
7
8
9
10
REAR FOG LIGHT SWITCH
REAR LIGHT SWITCH AT TRANSMISSION
ASHTRAY LIGHT
TURN SIGNAL
BACKUP LIGHT
STOP LIGHT
LIGHT
SHIFT LEVER LIGHT
M 249
CLOVE COMPARTMENT LIGHT
CONNECTION POINT CENTER CONSOLE
CONNECTION POINT REAR WINDOW WIPER HIGH MOUNTED STOP LIGHT
HIGH MOUNTED STOP LIGHT
LICENSE PLATE LIGHT
1,0 SW/BL NUR M249
DOOR CONTACT RIGHT
LUGGAGE COMPARTMENT LIGHT
CONNECTION POINT REAR
CABLE HARNESS REAR
PNEUMATIC SPRING CONTACT
MP I

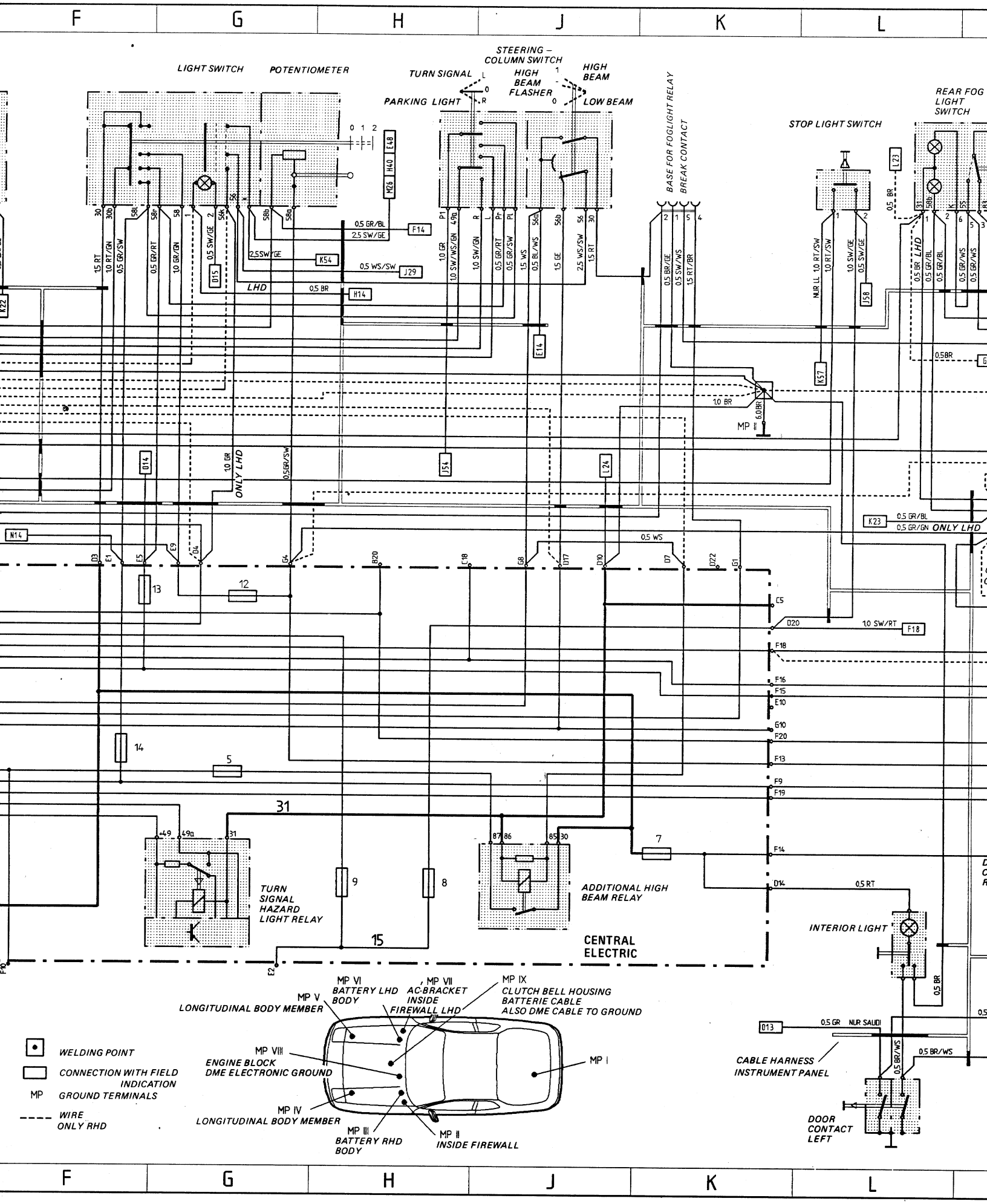
Wiring Diagram Type 924 S Model 87 Sheet 2

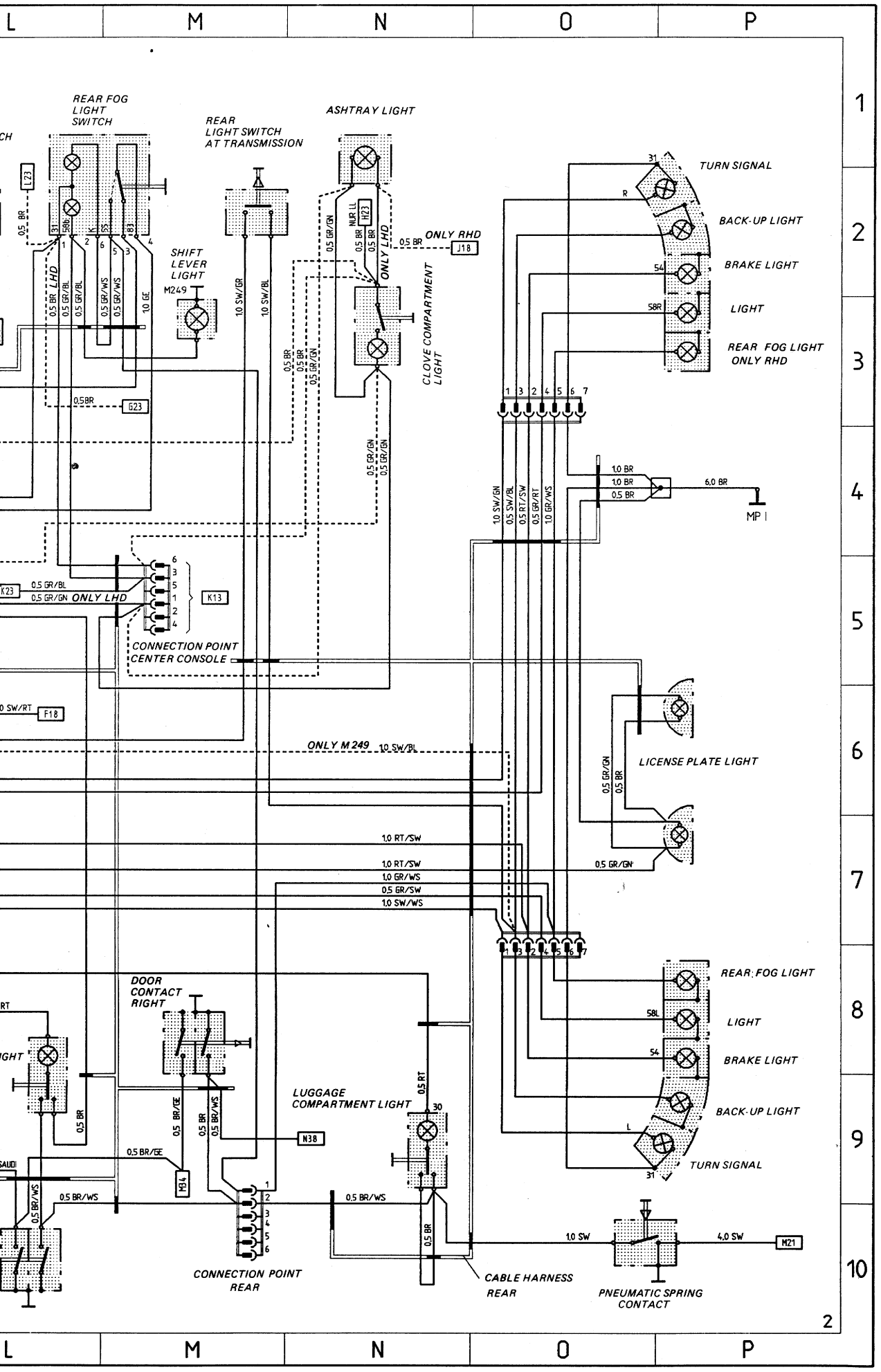
LIGHTING ROW

Wiring Diagram Type 924 S Model 87 Sheet 2

LIGHTING ROW




F
G
H
J
K
L
LIGHT SWITCH
POTENTIOMETER
STEERING – COLUMN SWITCH
TURN SIGNAL
HIGH BEAM FLASHER
HIGH BEAM
PARKING LIGHT
LOW BEAM
BASE FOR FOGLIGHT RELAY
BREAK CONTACT
STOP LIGHT SWITCH
REAR FOG LIGHT SWITCH
LHD
ONLY LHD
MP II
TURN SIGNAL HAZARD LIGHT RELAY
ADDITIONAL HIGH BEAM RELAY
CENTRAL ELECTRIC
INTERIOR LIGHT
CABLE HARNESS INSTRUMENT PANEL
DOOR CONTACT LEFT
MP V LONGITUDINAL BODY MEMBER
MP VI BATTERY LHD BODY
MP VII AC-BRACKET INSIDE FIREWALL LHD
MP IX CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP I
MP IV LONGITUDINAL BODY MEMBER
MP III BATTERY RHD BODY
MP II INSIDE FIREWALL
WELDING POINT
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
WIRE ONLY RHD

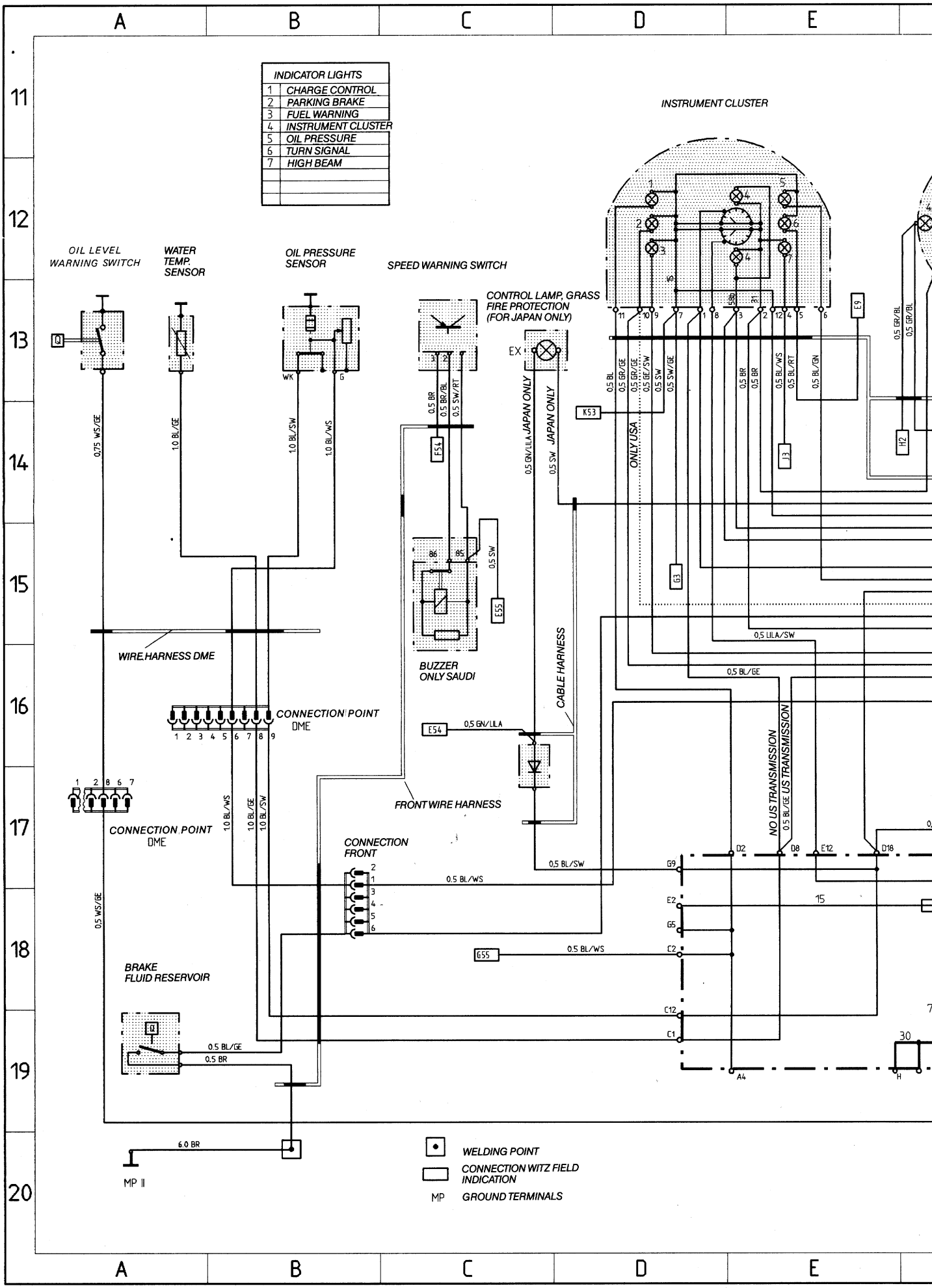

L
M
N
O
P
1
2
3
4
5
6
7
8
9
10
REAR FOG LIGHT SWITCH
REAR LIGHT SWITCH AT TRANSMISSION
ASHTRAY LIGHT
SHIFT LEVER LIGHT
M249
ONLY RHD
J18
ONLY LHD
CLOVE COMPARTMENT LIGHT
TURN SIGNAL
BACK-UP LIGHT
BRAKE LIGHT
LIGHT
REAR FOG LIGHT ONLY RHD
G23
K23
K13
CONNECTION POINT CENTER CONSOLE
F18
ONLY M249
LICENSE PLATE LIGHT
MP I
DOOR CONTACT RIGHT
LUGGAGE COMPARTMENT LIGHT
N38
M34
REAR FOG LIGHT
LIGHT
BRAKE LIGHT
BACK-UP LIGHT
TURN SIGNAL
M21
CONNECTION POINT REAR
CABLE HARNESS REAR
PNEUMATIC SPRING CONTACT
2

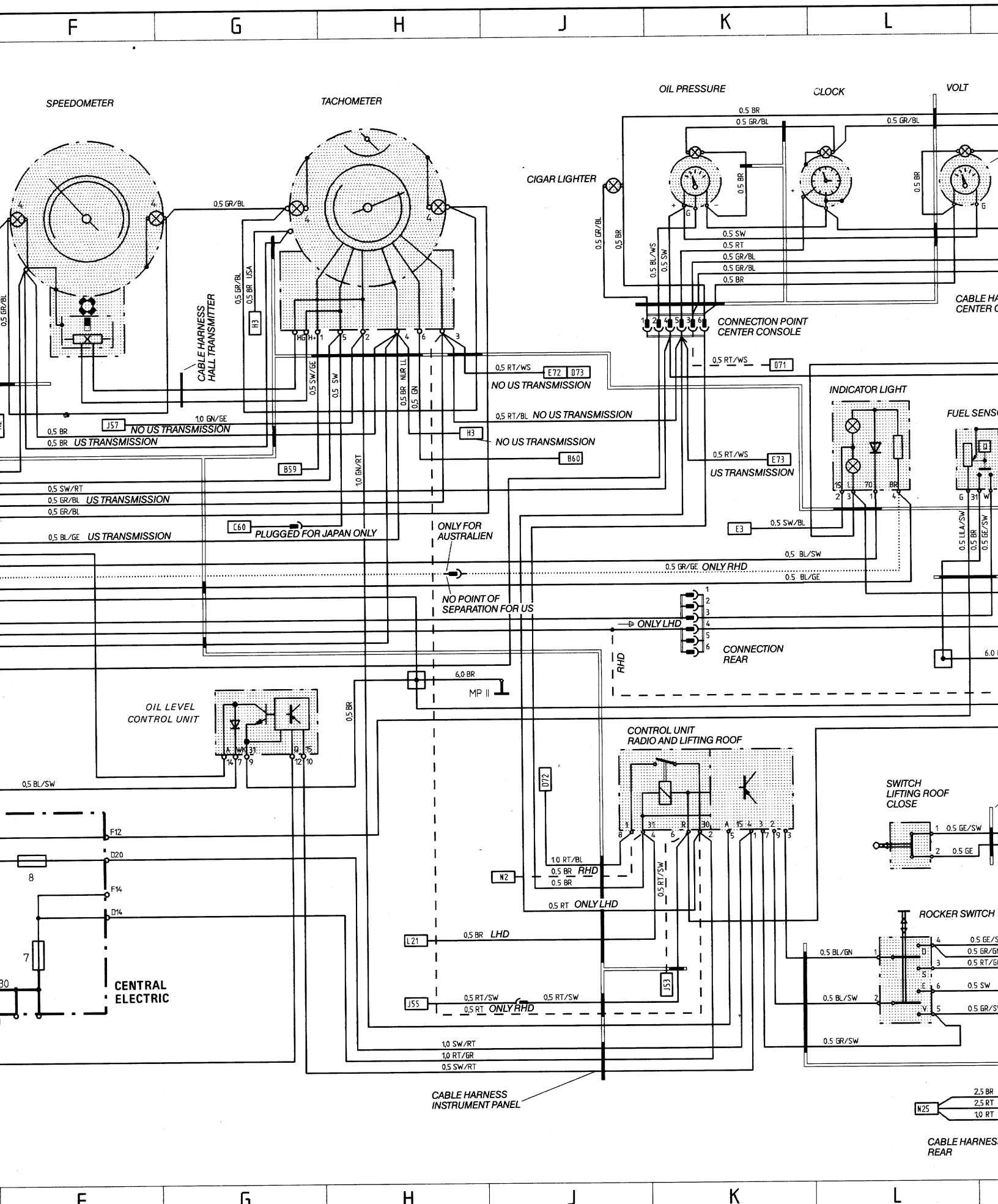
Wiring Diagram Type 924 S Model 87 Sheet 3

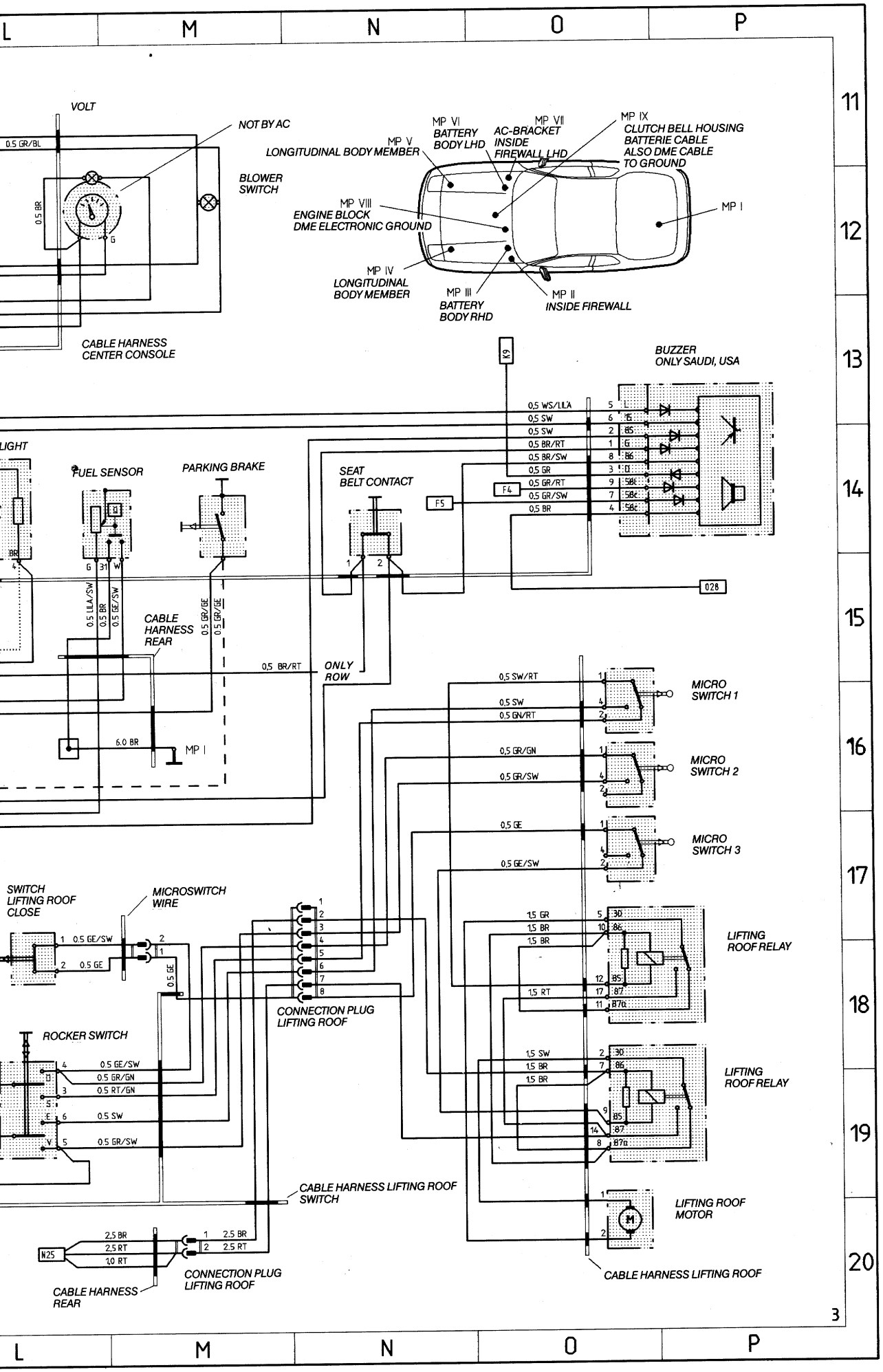
INSTRUMENT CLUSTER AND SENSORS
TILTING ROOF

Wiring Diagram Type 924 S Model 87 Sheet 3

INSTRUMENT CLUSTER, SENSORS, TILTING ROOF




F
G
H
J
K
L
SPEEDOMETER
TACHOMETER
OIL PRESSURE
CLOCK
VOLT
CIGAR LIGHTER
CABLE HARNESS HALL TRANSMITTER
CONNECTION POINT CENTER CONSOLE
NO US TRANSMISSION
US TRANSMISSION
INDICATOR LIGHT
FUEL SENS
PLUGGED FOR JAPAN ONLY
ONLY FOR AUSTRALIEN
NO POINT OF SEPARATION FOR US
ONLY LHD
ONLY RHD
RHD
LHD
CONNECTION REAR
OIL LEVEL CONTROL UNIT
CONTROL UNIT RADIO AND LIFTING ROOF
SWITCH LIFTING ROOF CLOSE
ROCKER SWITCH
CENTRAL ELECTRIC
CABLE HARNESS INSTRUMENT PANEL
CABLE HARNES REAR

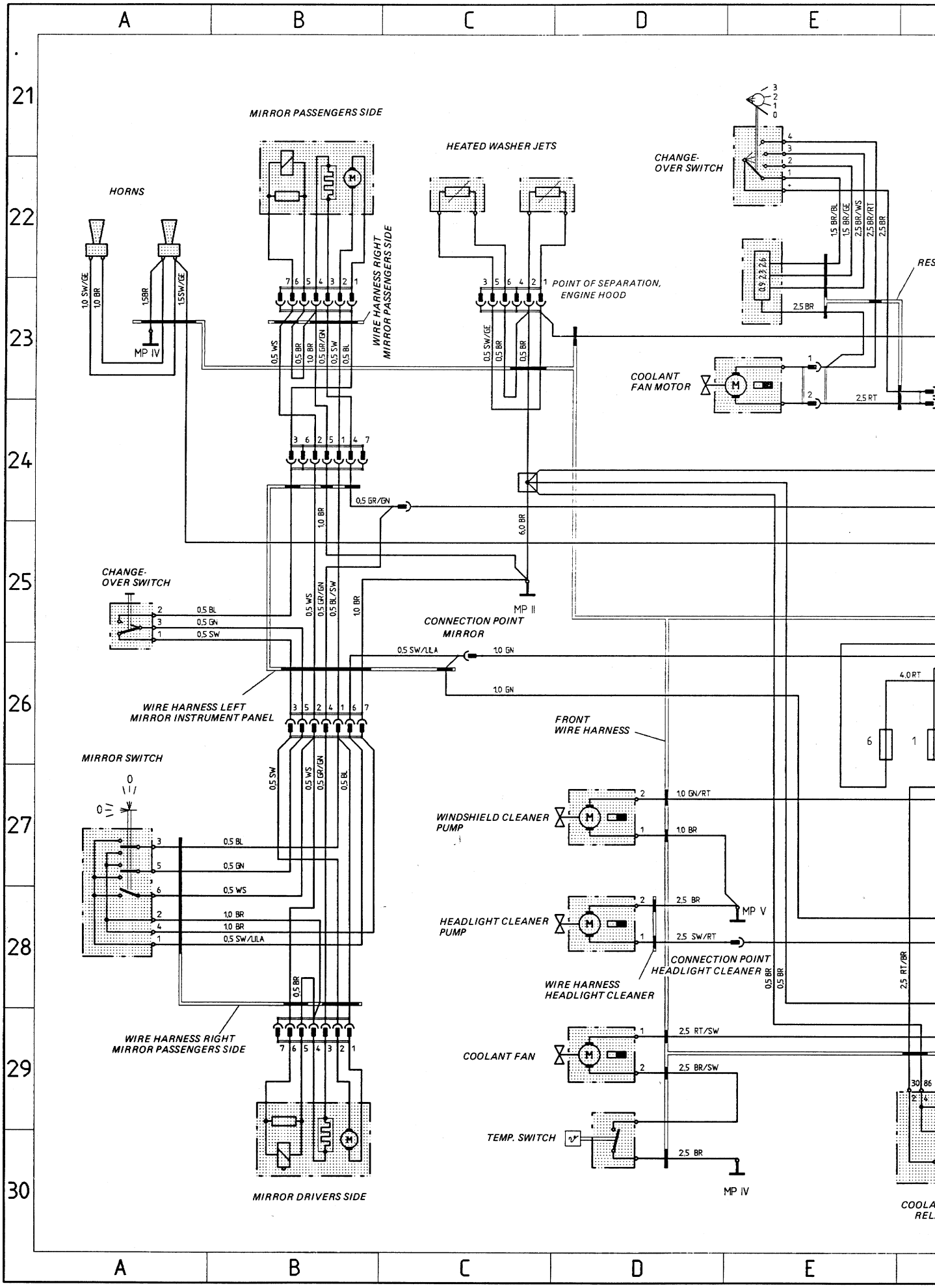

L
M
N
O
P
11
12
13
14
15
16
17
18
19
20
VOLT
NOT BY AC
0.5 GR/BL
0.5 BR
BLOWER SWITCH
CABLE HARNESS CENTER CONSOLE
MP VI BATTERY BODY LHD
MP VII AC-BRACKET INSIDE FIREWALL LHD
MP IX CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
MP V LONGITUDINAL BODY MEMBER
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP I
MP IV LONGITUDINAL BODY MEMBER
MP III BATTERY BODY RHD
MP II INSIDE FIREWALL
K9
BUZZER ONLY SAUDI, USA
0,5 WS/LILA
0,5 SW
0,5 BR/RT
0,5 BR/SW
0,5 GR
0,5 GR/RT
0,5 GR/SW
0,5 BR
F4
F5
028
LIGHT
FUEL SENSOR
PARKING BRAKE
SEAT BELT CONTACT
0,5 LILA/SW
0,5 BR
0,5 GE/SW
0,5 GR/GE
CABLE HARNESS REAR
0,5 BR/RT
ONLY ROW
6.0 BR
MP I
0,5 SW/RT
0,5 GN/RT
MICRO SWITCH 1
0,5 GR/GN
MICRO SWITCH 2
0,5 GE
MICRO SWITCH 3
SWITCH LIFTING ROOF CLOSE
MICROSWITCH WIRE
0.5 GE/SW
0.5 GE
CONNECTION PLUG LIFTING ROOF
1,5 GR
1,5 BR
1,5 RT
LIFTING ROOF RELAY
ROCKER SWITCH
0.5 GR/GN
0.5 RT/GN
0.5 SW
0.5 GR/SW
1,5 SW
CABLE HARNESS LIFTING ROOF SWITCH
LIFTING ROOF MOTOR
2,5 BR
2,5 RT
1,0 RT
N25
CABLE HARNESS REAR
CABLE HARNESS LIFTING ROOF
3

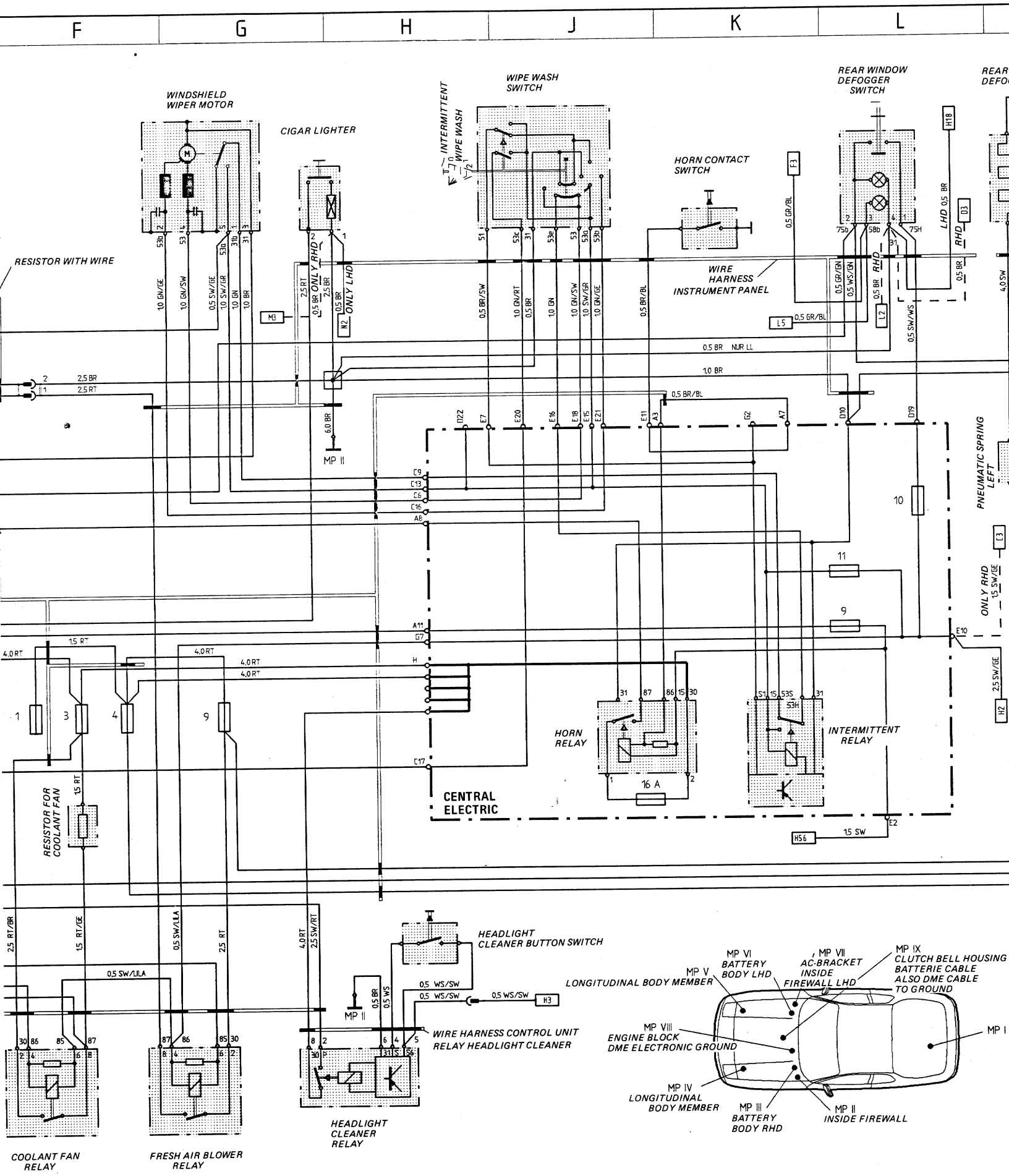
Wiring Diagram Type 924 S Model 87 Sheet 4

HEATING, VENTILATION, WIPER AND WASHER SYSTEM AND MIRRORS

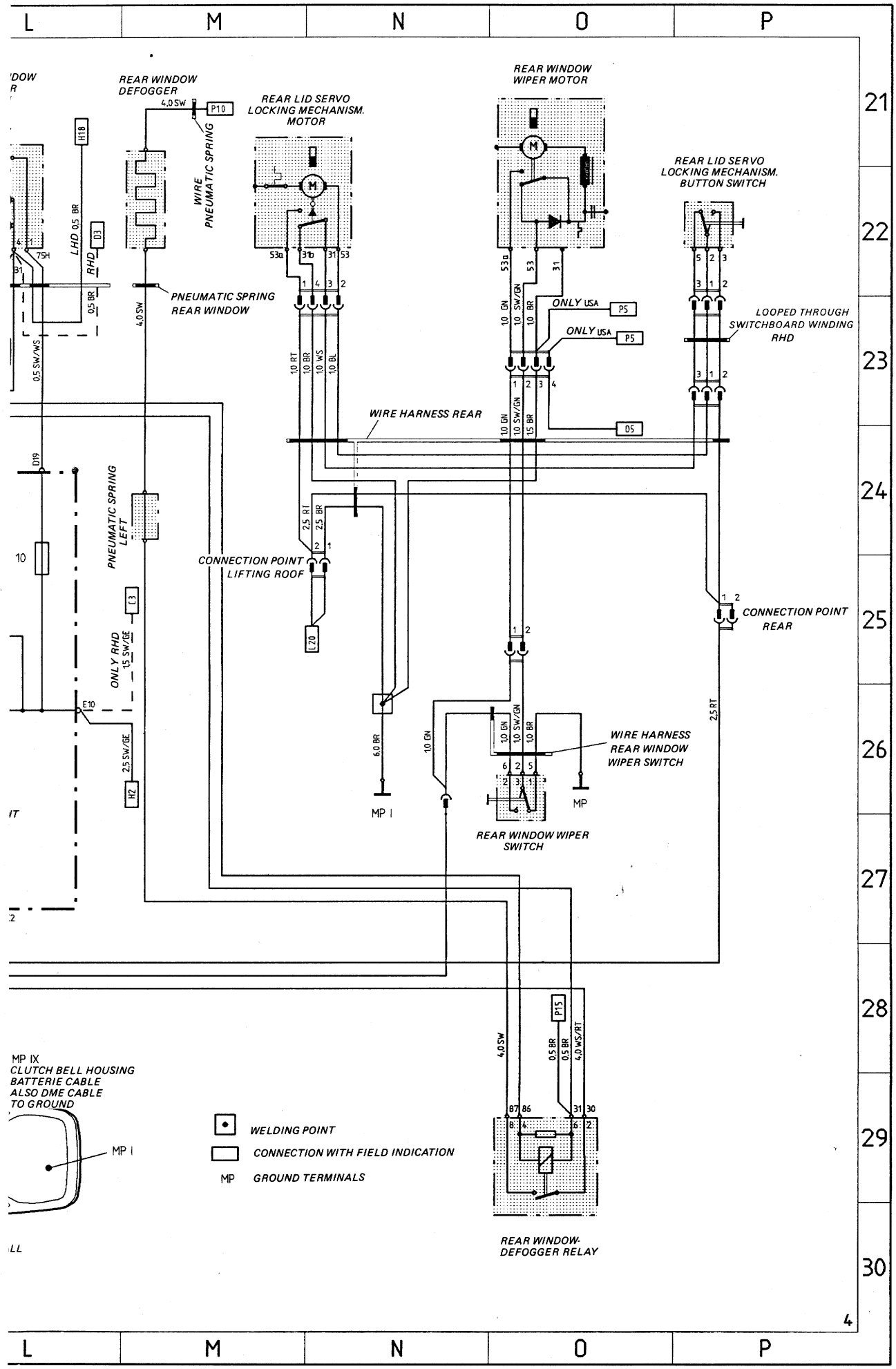
Wiring Diagram Type 924 S Model 87 Sheet 4

HEATING, VENTILATION, WIPER AND WASHER SYSTEM AND MIRRORS





MP = GROUND TERMINALS

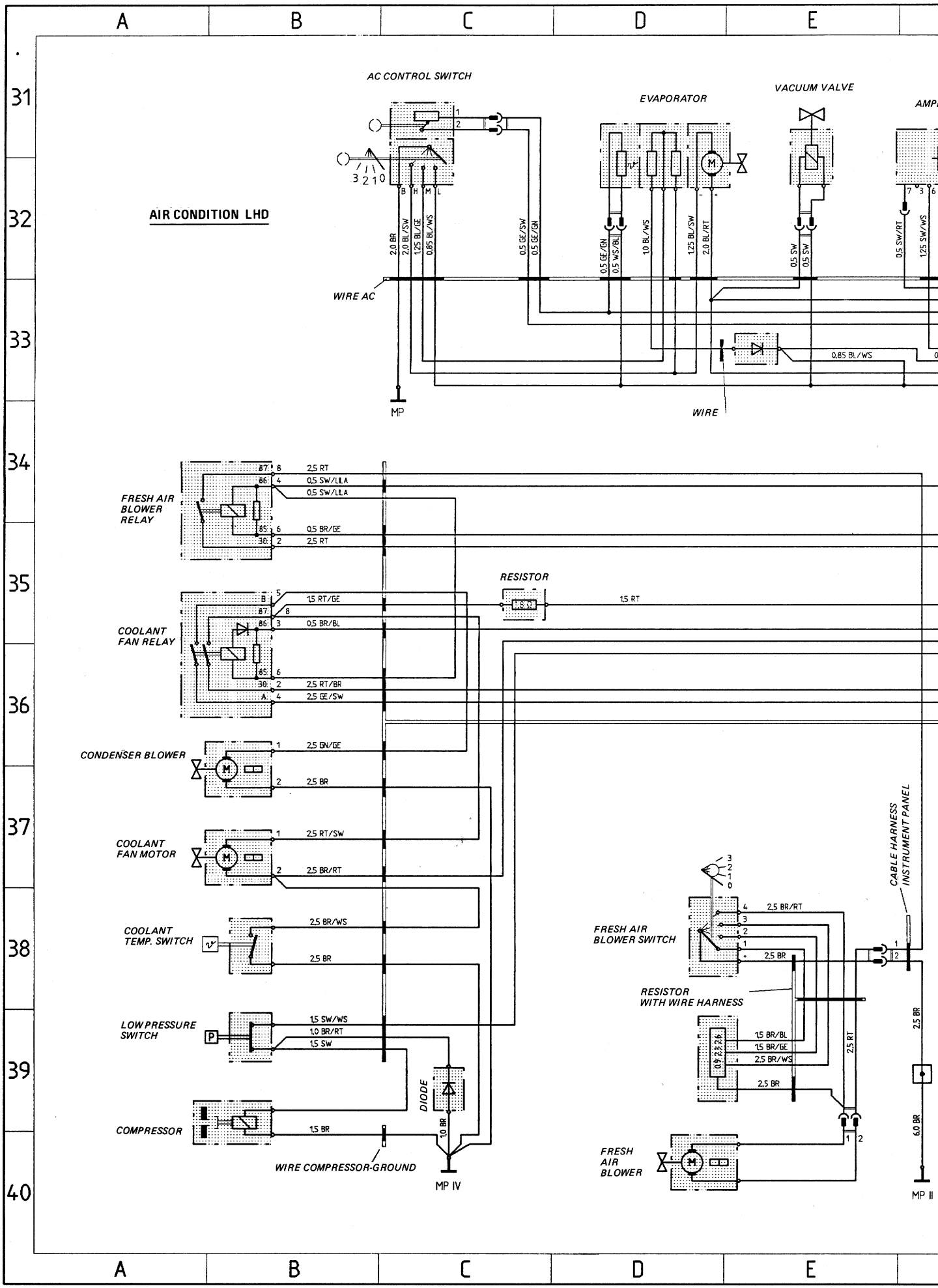

L
M
N
O
P
21
22
23
24
25
26
27
28
29
30
REAR WINDOW DEFOGGER
REAR LID SERVO LOCKING MECHANISM. MOTOR
REAR WINDOW WIPER MOTOR
REAR LID SERVO LOCKING MECHANISM. BUTTON SWITCH
WIRE PNEUMATIC SPRING
PNEUMATIC SPRING REAR WINDOW
ONLY USA
LOOPED THROUGH SWITCHBOARD WINDING RHD
WIRE HARNESS REAR
PNEUMATIC SPRING LEFT
CONNECTION POINT LIFTING ROOF
CONNECTION POINT REAR
ONLY RHD
WIRE HARNESS REAR WINDOW WIPER SWITCH
REAR WINDOW WIPER SWITCH
MP I
MP
MP IX
CLUTCH BELL HOUSING
BATTERIE CABLE
ALSO DME CABLE
TO GROUND
WELDING POINT
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
REAR WINDOW-DEFOGGER RELAY

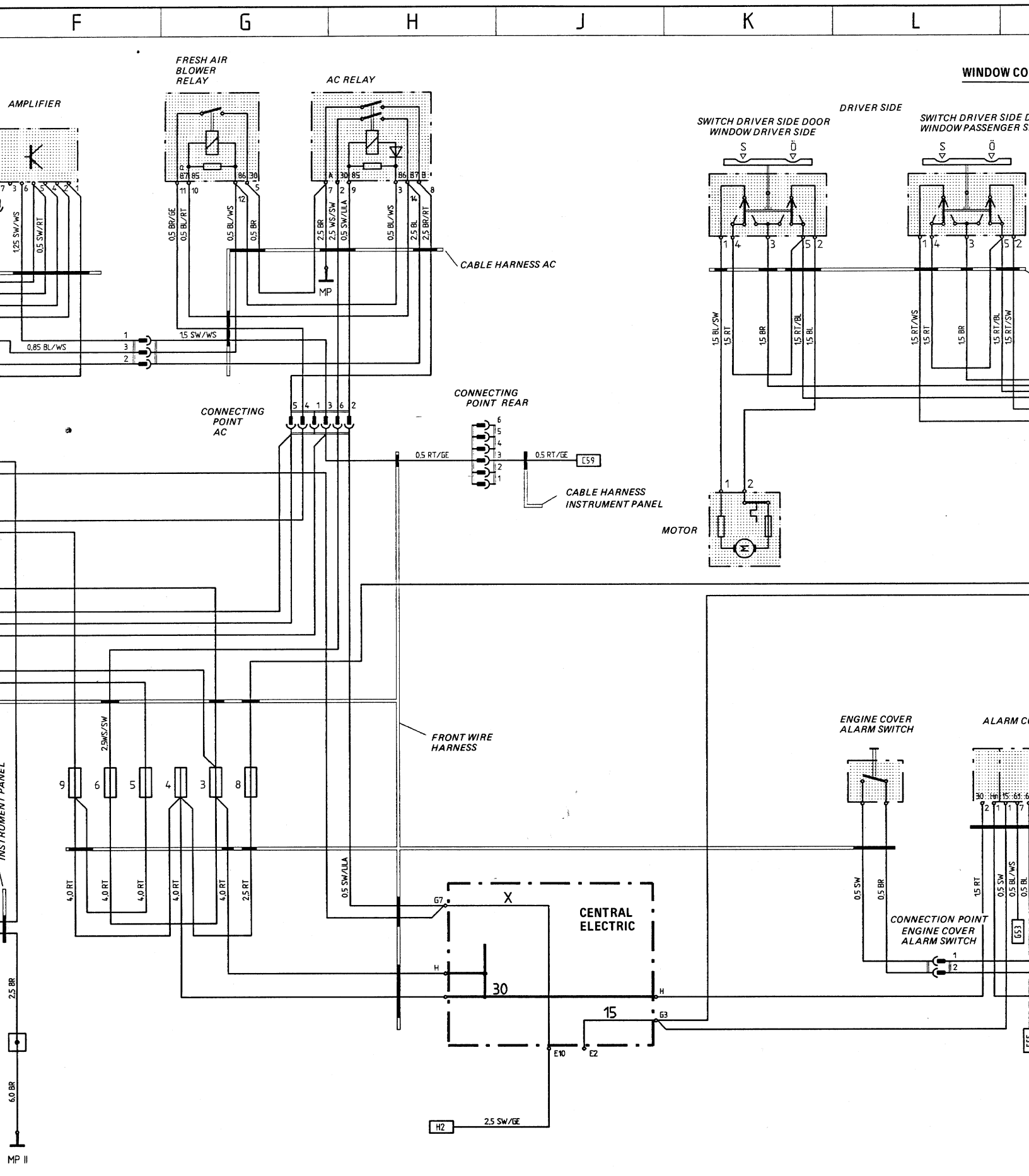
Wiring Diagram Type 924 S Model 87 Sheet 5

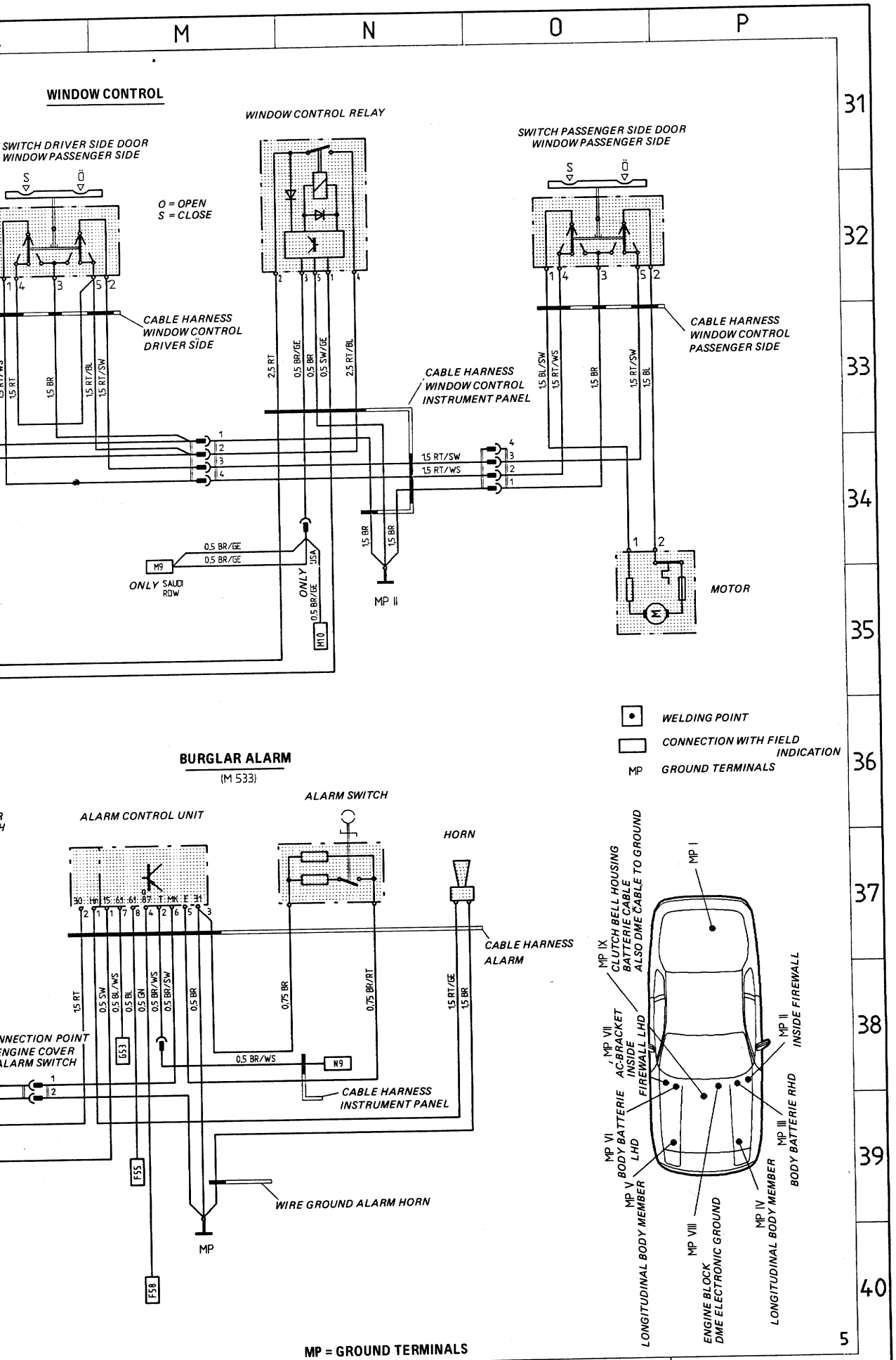
AC, WINDOW LIFTERS, ALARM SYSTEM

Wiring Diagram Type 924 S Model 87 Sheet 5

AC, WINDOW LIFTERS, ALARM SYSTEM




F
G
H
J
K
L
WINDOW CO
AMPLIFIER
FRESH AIR BLOWER RELAY
AC RELAY
DRIVER SIDE
SWITCH DRIVER SIDE DOOR WINDOW DRIVER SIDE
SWITCH DRIVER SIDE D WINDOW PASSENGER S
CABLE HARNESS AC
MP
CONNECTING POINT AC
CONNECTING POINT REAR
CABLE HARNESS INSTRUMENT PANEL
MOTOR
FRONT WIRE HARNESS
ENGINE COVER ALARM SWITCH
ALARM C
CENTRAL ELECTRIC
CONNECTION POINT ENGINE COVER ALARM SWITCH
INSTRUMENT PANEL
MP II

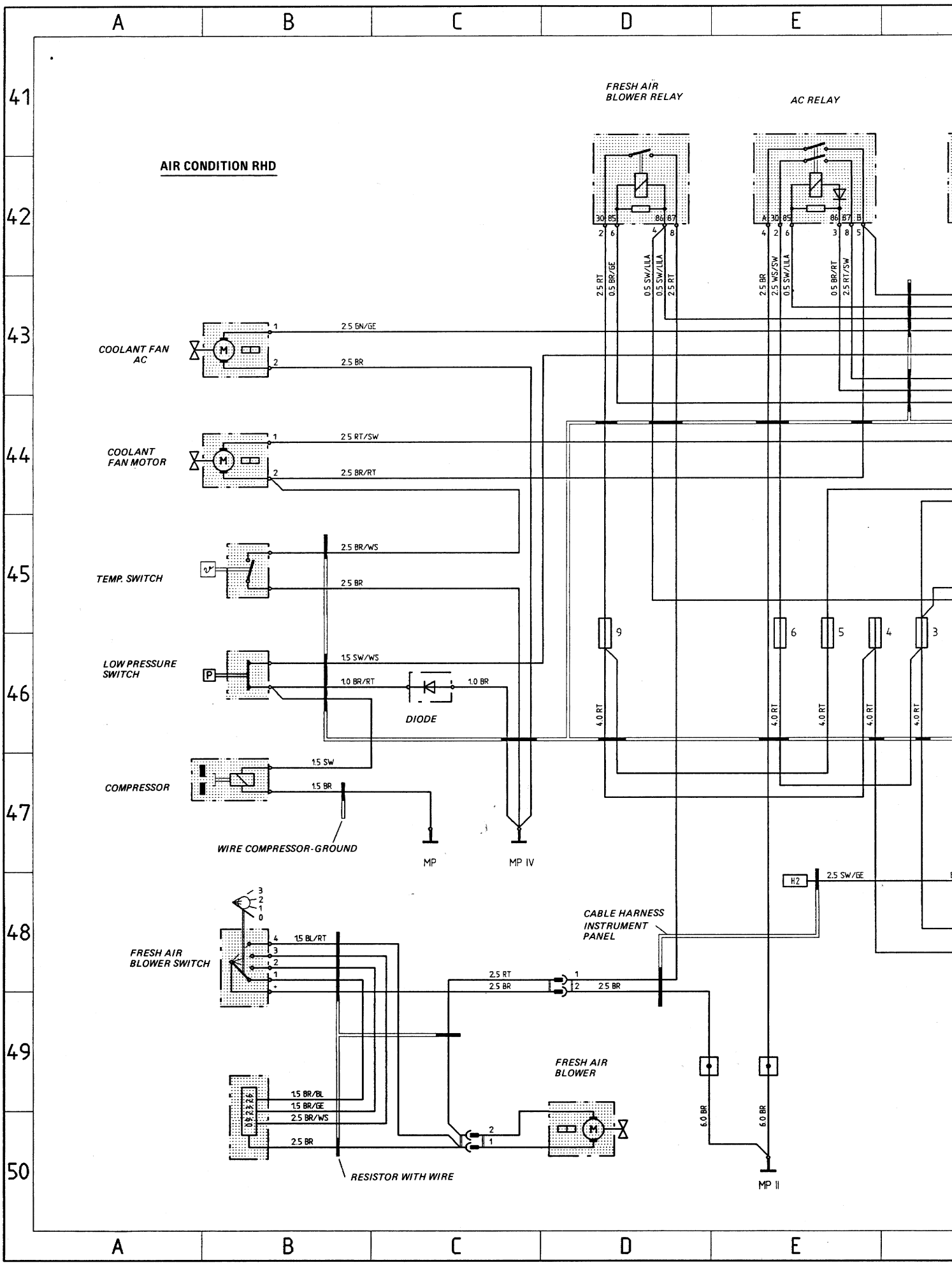

M
N
O
P
WINDOW CONTROL
WINDOW CONTROL RELAY
SWITCH DRIVER SIDE DOOR WINDOW PASSENGER SIDE
SWITCH PASSENGER SIDE DOOR WINDOW PASSENGER SIDE
O = OPEN
S = CLOSE
CABLE HARNESS WINDOW CONTROL DRIVER SIDE
CABLE HARNESS WINDOW CONTROL PASSENGER SIDE
CABLE HARNESS WINDOW CONTROL INSTRUMENT PANEL
1,5 RT/SW
1,5 RT/WS
0,5 BR/GE
M9
ONLY SAUDI ROW
ONLY USA
M10
MP II
MOTOR
31
32
33
34
35
36
37
38
39
40
WELDING POINT
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
BURGLAR ALARM
(M 533)
ALARM CONTROL UNIT
ALARM SWITCH
HORN
CABLE HARNESS ALARM
CABLE HARNESS INSTRUMENT PANEL
WIRE GROUND ALARM HORN
MP
F55
F58
G53
N9
MP I
MP II INSIDE FIREWALL
MP III BODY BATTERIE RHD
MP IV LONGITUDINAL BODY MEMBER
MP V LONGITUDINAL BODY MEMBER
MP VI BODY BATTERIE LHD
MP VII AC-BRACKET INSIDE FIREWALL LHD
MP VIII ENGINE BLOCK DME ELECTRONIC GROUND
MP IX CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
5
MP = GROUND TERMINALS
L
M
N
O
P

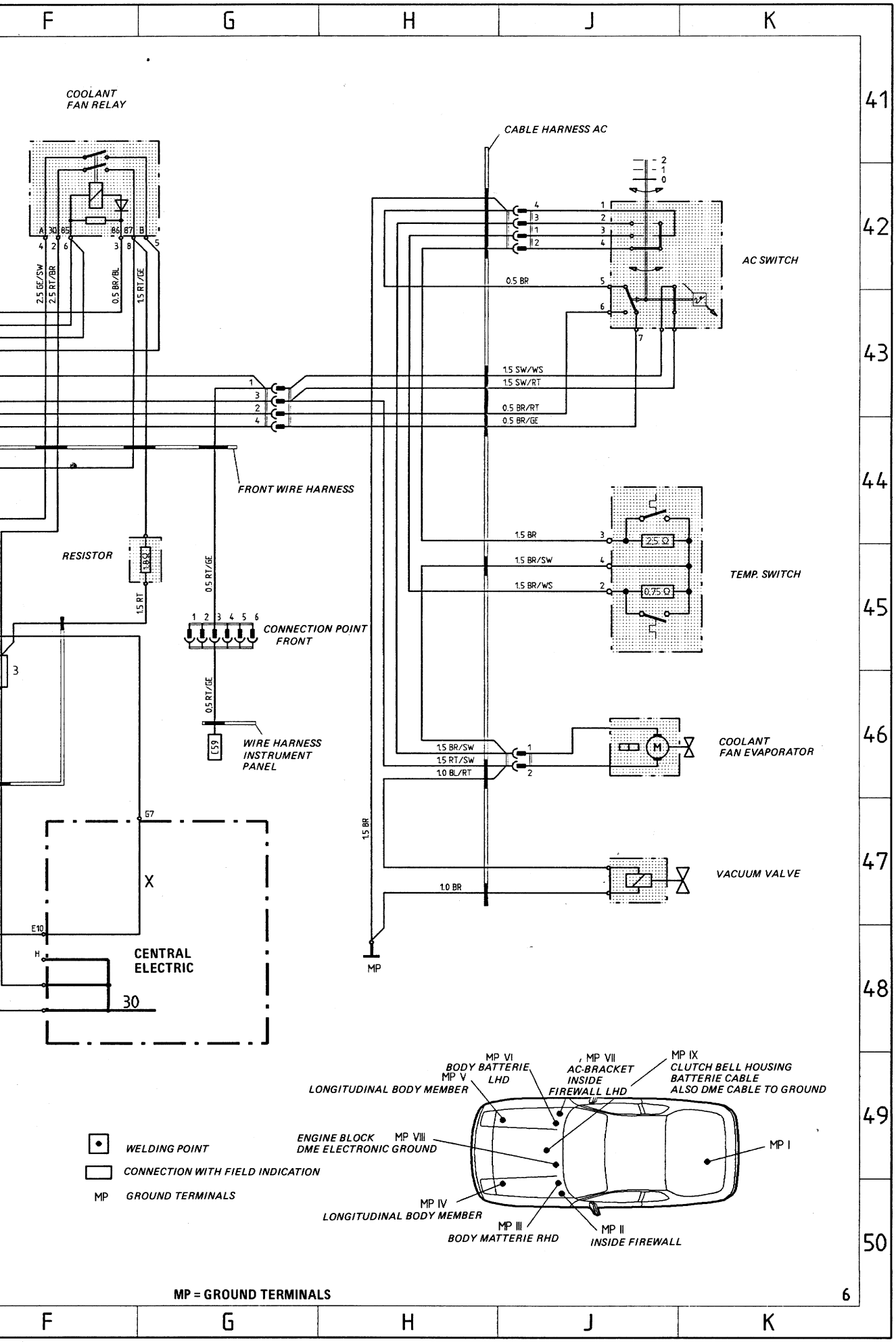
Wiring Diagram Type 924 S Model 87 Sheet 6

AC RHD

Wiring Diagram Type 924 S Model 87 Sheet 6

AC RHD



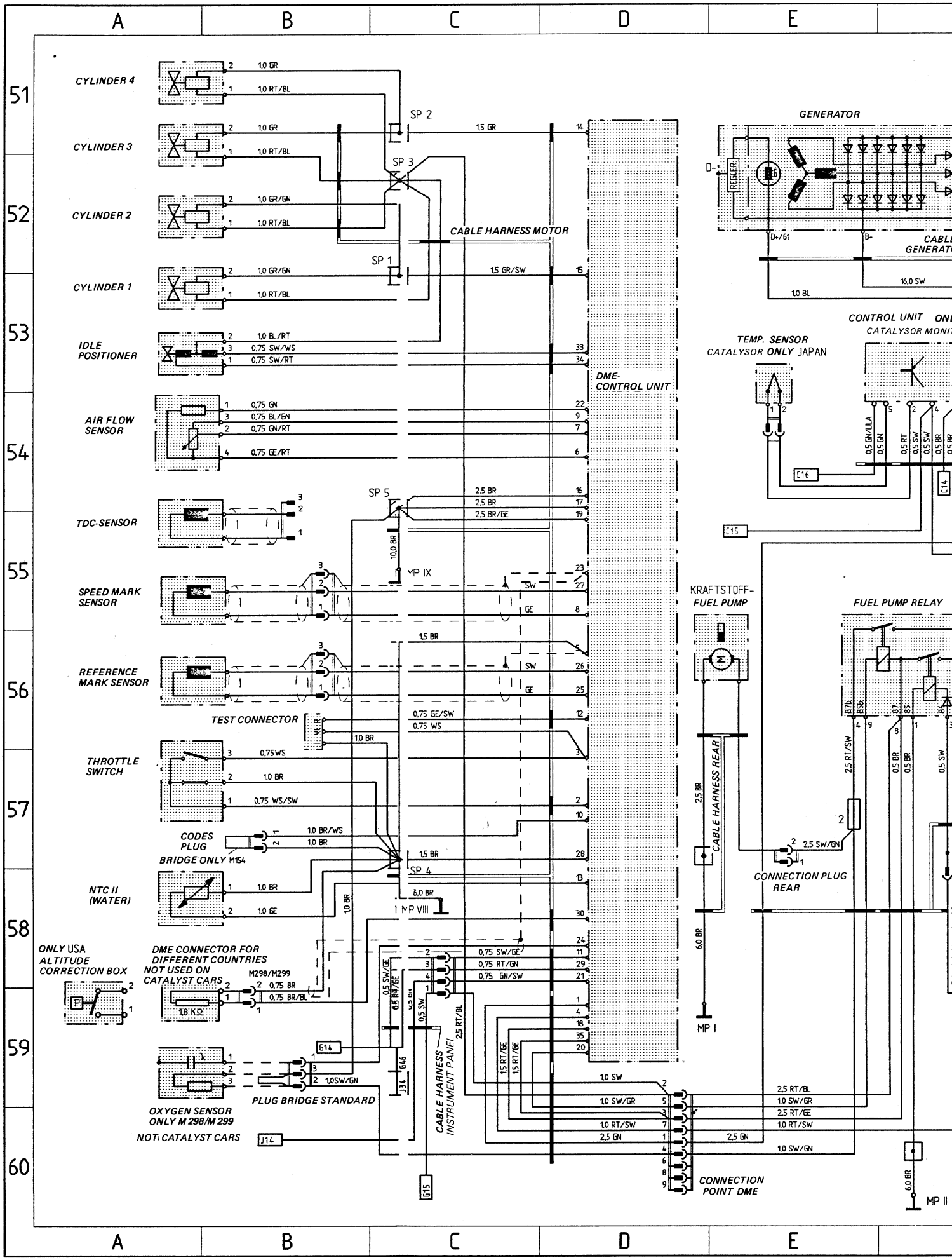

F
G
H
J
K
41
42
43
44
45
46
47
48
49
50
COOLANT FAN RELAY
CABLE HARNESS AC
AC SWITCH
FRONT WIRE HARNESS
RESISTOR
CONNECTION POINT FRONT
WIRE HARNESS INSTRUMENT PANEL
TEMP. SWITCH
COOLANT FAN EVAPORATOR
VACUUM VALVE
CENTRAL ELECTRIC
MP
2.5 GE/SW
2.5 RT/BR
0.5 BR/BL
1.5 RT/GE
0.5 BR
1.5 SW/WS
1.5 SW/RT
0.5 BR/RT
0.5 BR/GE
1.5 BR
1.5 BR/SW
1.5 BR/WS
1.5 RT
0.5 RT/GE
1.5 BR/SW
1.5 RT/SW
1.0 BL/RT
1.0 BR
2.5 Ω
0.75 Ω
1.8 kΩ
C59
G7
E10
X
30
MP VI
BODY BATTERIE LHD
MP V
LONGITUDINAL BODY MEMBER
MP VII
AC-BRACKET INSIDE FIREWALL LHD
MP IX
CLUTCH BELL HOUSING BATTERIE CABLE ALSO DME CABLE TO GROUND
ENGINE BLOCK DME ELECTRONIC GROUND
MP VIII
MP I
MP IV
LONGITUDINAL BODY MEMBER
MP III
BODY MATTERIE RHD
MP II
INSIDE FIREWALL
WELDING POINT
CONNECTION WITH FIELD INDICATION
MP GROUND TERMINALS
MP = GROUND TERMINALS
6

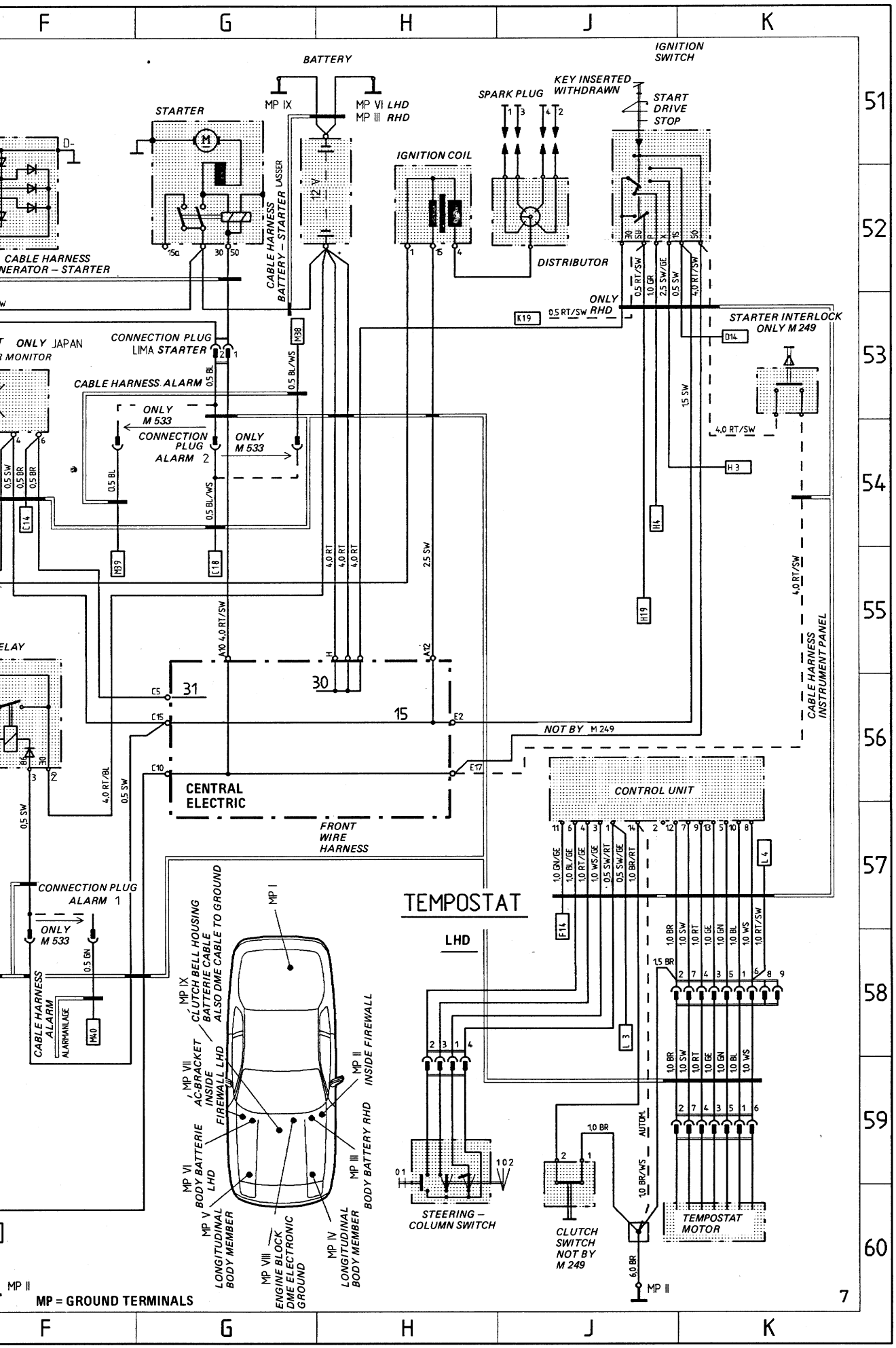
Wiring Diagram Type 924 S Model 87 Sheet 7

ENGINE, TEMPOSTAT

Wiring Diagram Type 924 S Model 87 Sheet 7

ENGINE, TEMPOSTAT



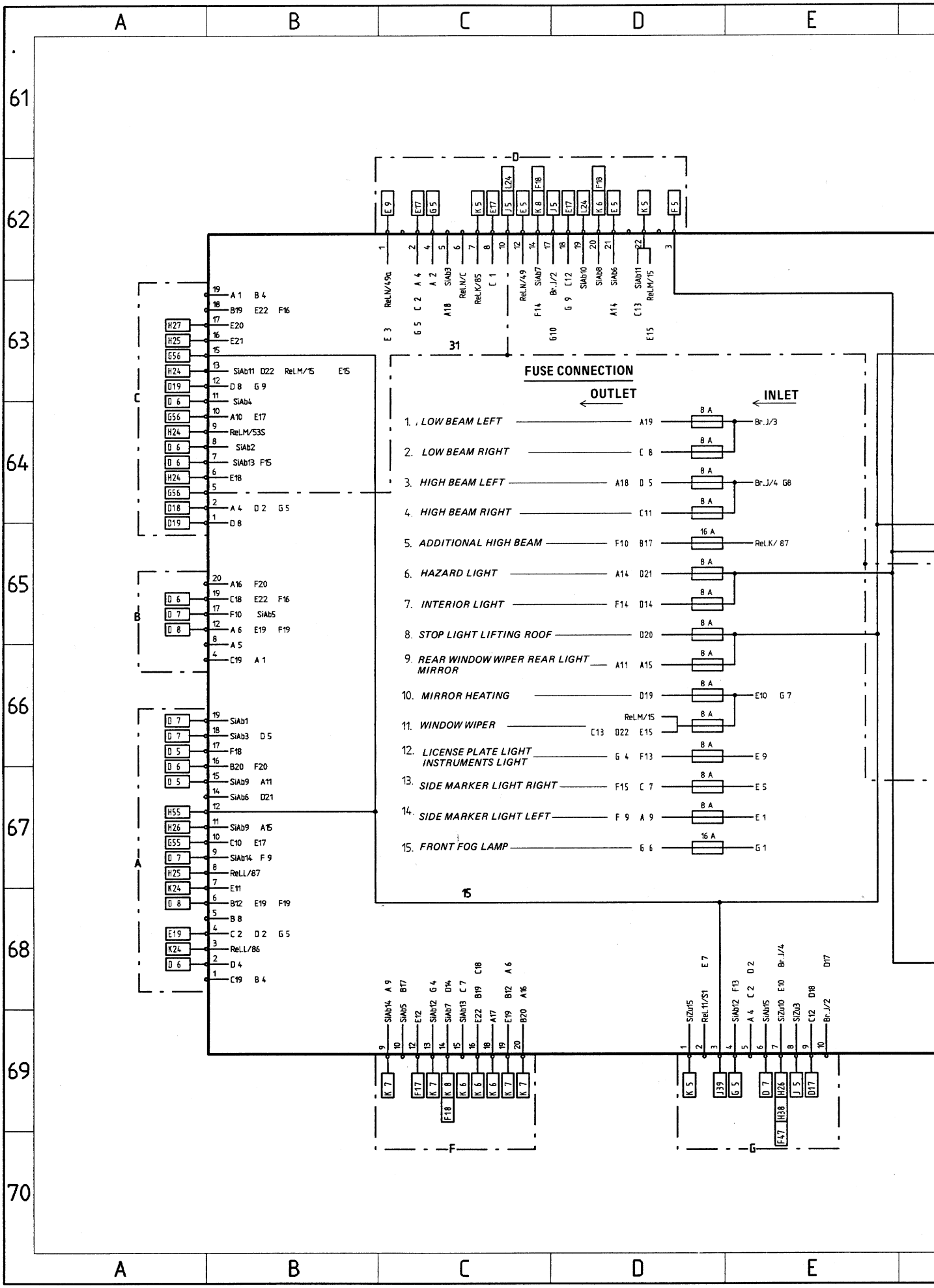

F
G
H
J
K
51
52
53
54
55
56
57
58
59
60
BATTERY
MP IX
MP VI LHD
MP III RHD
STARTER
IGNITION COIL
SPARK PLUG
KEY INSERTED
WITHDRAWN
IGNITION SWITCH
START
DRIVE
STOP
DISTRIBUTOR
CABLE HARNESS
BATTERY – STARTER LASSER
CABLE HARNESS
NERATOR – STARTER
ONLY JAPAN
R MONITOR
CONNECTION PLUG
LIMA STARTER
CABLE HARNESS ALARM
ONLY
M 533
CONNECTION
PLUG
ALARM 2
ONLY
M 533
ONLY
RHD
STARTER INTERLOCK
ONLY M 249
ELAY
CENTRAL
ELECTRIC
FRONT
WIRE
HARNESS
NOT BY M 249
CABLE HARNESS
INSTRUMENT PANEL
CONTROL UNIT
CONNECTION PLUG
ALARM 1
ONLY
M 533
CABLE HARNESS
ALARM
ALARMANLAGE
TEMPOSTAT
LHD
MP I
MP IX
CLUTCH BELL HOUSING
BATTERIE CABLE
ALSO DME CABLE TO GROUND
MP VII
AC-BRACKET
INSIDE
FIREWALL LHD
MP II
INSIDE FIREWALL
MP VI
BODY BATTERIE
LHD
MP III
BODY BATTERY RHD
MP V
LONGITUDINAL
BODY MEMBER
MP VIII
ENGINE BLOCK
DME ELECTRONIC
GROUND
MP IV
LONGITUDINAL
BODY MEMBER
STEERING –
COLUMN SWITCH
CLUTCH
SWITCH
NOT BY
M 249
TEMPOSTAT
MOTOR
MP II
MP = GROUND TERMINALS
7

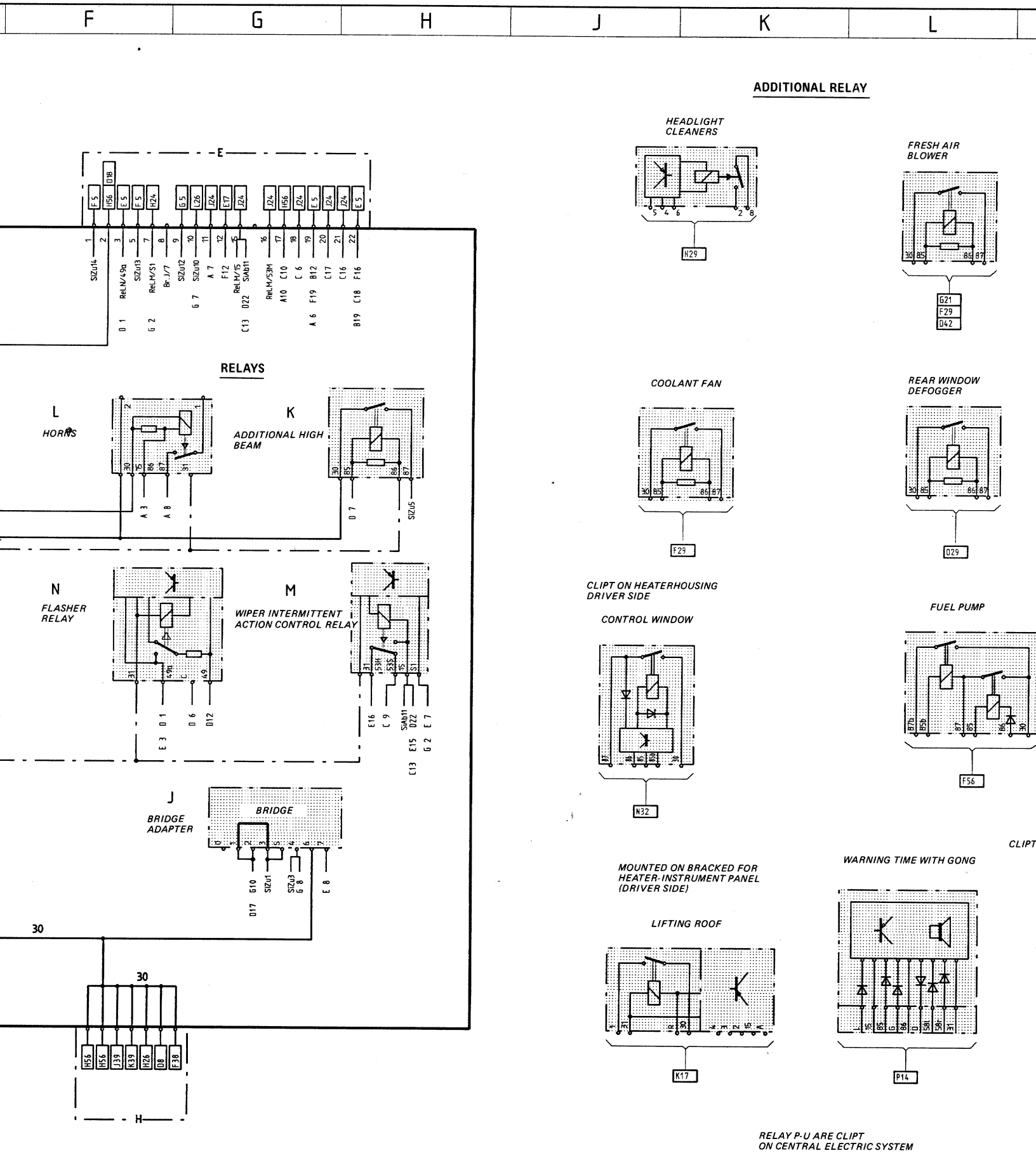
Wiring Diagram Type 924 S
Model 87 Sheet 8

CENTRAL ELECTRICAL SYSTEM

Wiring Diagram Type 924 S Model 87 Sheet 8

CENTRAL ELECTRICAL SYSTEM



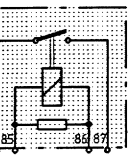


MP = GROUND TERMINALS

L M N O P

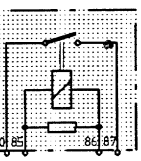
61 62 63 64 65 66 67 68 69 70

RESH AIR
LOWER



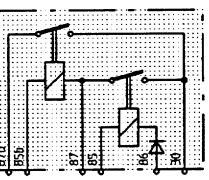
G21
F29
D42

EAR WINDOW
EFOGGER



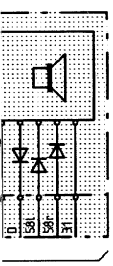
D29

FUEL PUMP



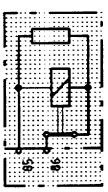
F56

E WITH GONG



CLIPT ON INSTRUMENT PANEL
DRIVER SIDE

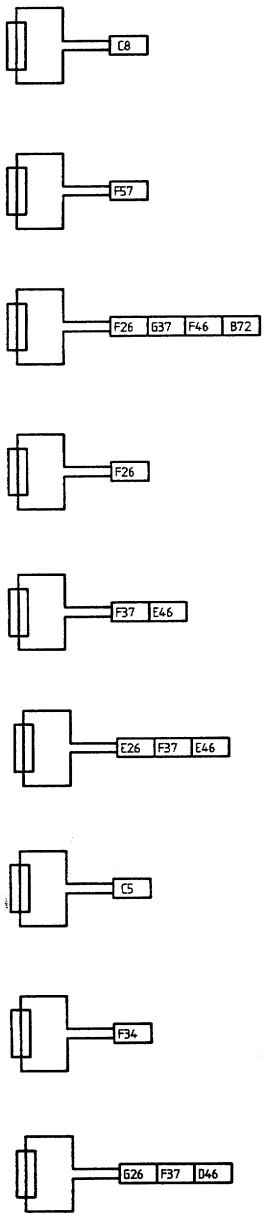
BUZZER



C15

9-WAY FUSE PANEL

1. *CONCEALED HEADLIGHT MOTOR* — 16 A — C8
2. *FUEL PUMP* — 16 A — F57
3. *COOLANT FAN* — 25 A — F26 | G37 | F46 | B72
4. *REAR WINDOW DEFOGGER* — 25 A — F26
5. *COOLANT FAN-CONDENS. ONLY M 573* — 25 A — F37 | E46
6. *AIR CONDITION ONLY M 573 CIGARE LIGHTER* — 25 A — E26 | F37 | E46
7. *REAR FOG LIGHT* — 8 A — C5
8. *CONTROL WINDOW ONLY M 651* — 16 A — F34
9. *FRESH AIR BLOWER, REAR LID SERVO LOCKING MECHANISM.* — 25 A — G26 | F37 | D46



ABREVIATIONS INSIDE

z. B. D 6 = PLUG CONNECTION
Si. Zu. = FUSE INLET
Si. Ab. = FUSE OUTLET

ABREVIATIONS OUTSIDE

z. B. D 5 = CONNECTION WITH FIELD INDICATION

8

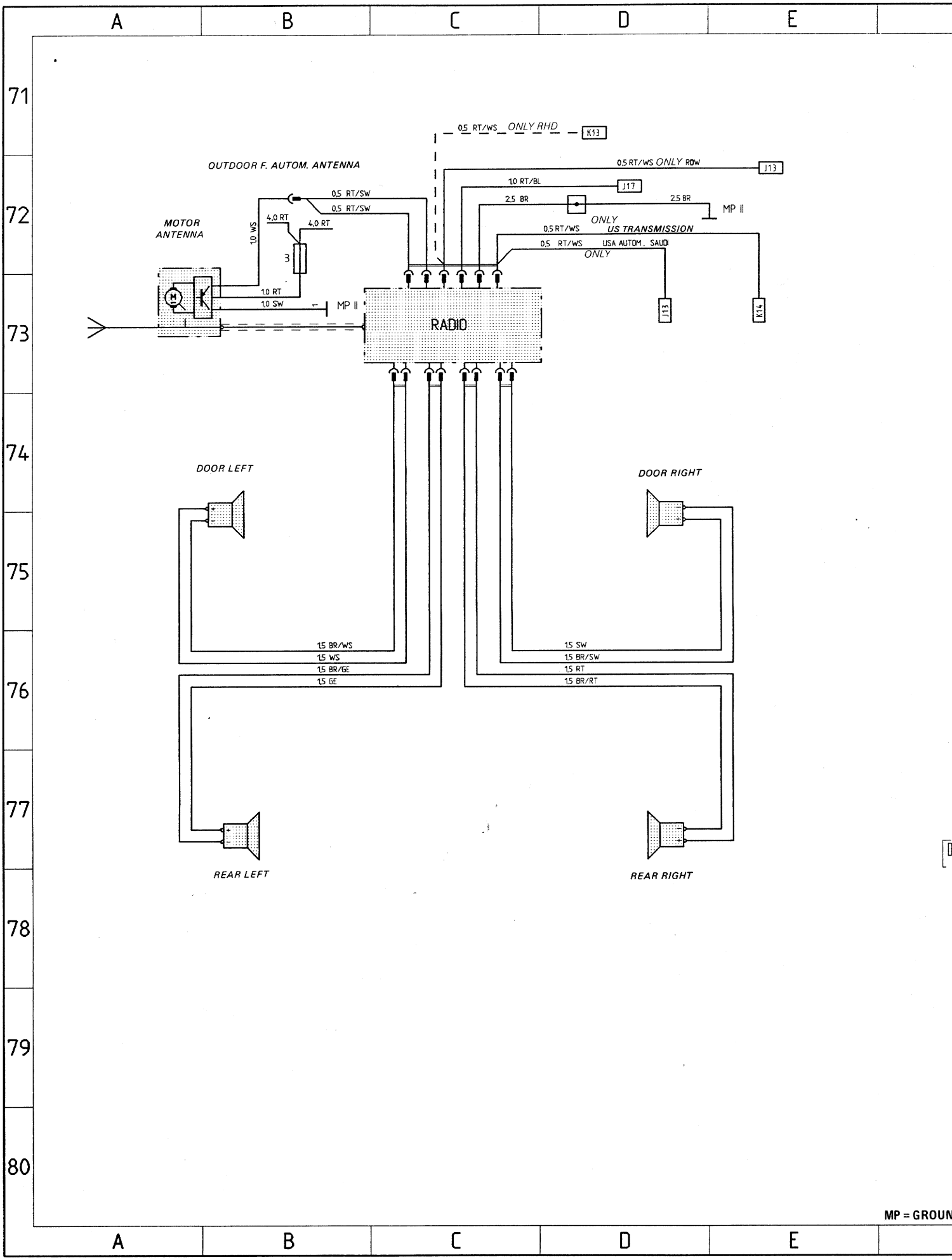
L M N O P

Wiring Diagram Type 924 S
Model 87 Sheet 9

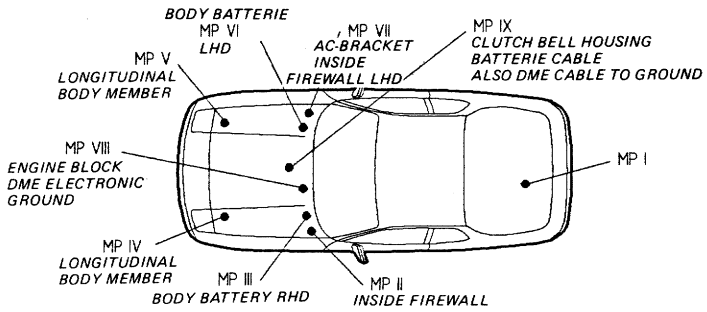
RADIO

Wiring Diagram Type 924 S Model 87 Sheet 9

RADIO



MP = GROUN



WELDING POINT

CONNECTION WITH FIELD INDICATION

MP GROUND TERMINALS

CONNECTORS RADIO