

# Workshop Manual

944

DR. ING. h. c. F. PORSCHE Aktiengesellschaft

# List of Repair Groups 944

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# Wiring Diagram Type 944, 944 turbo 944 S Model 88

## COORDINATES

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# Wiring Diagram Type 944, 944 turbo 944 S Model 88

The wiring diagram consists of 15 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".

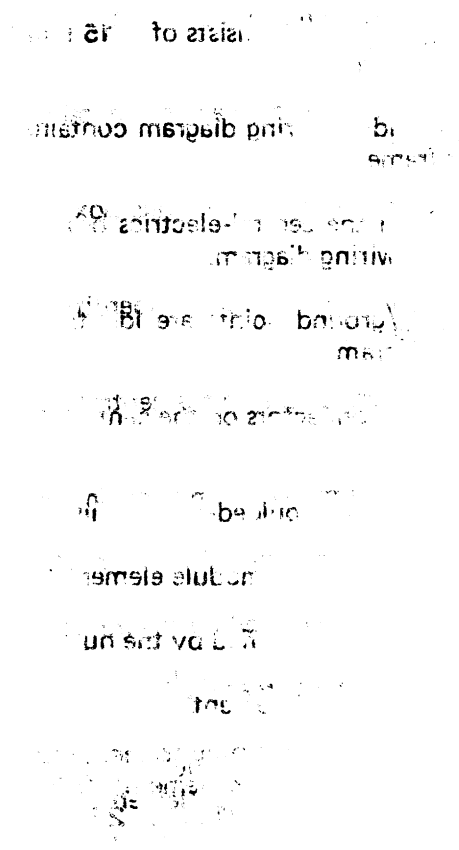
The designations of the plug connections in the wiring diagram of the central-electrics box refer to the "starting element" from, for example, B 11 . . . . . 15, and to the first module element from B 21 . . . . . 25.

# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 1

LIGHTS ROW/OPT. EQUIPM.

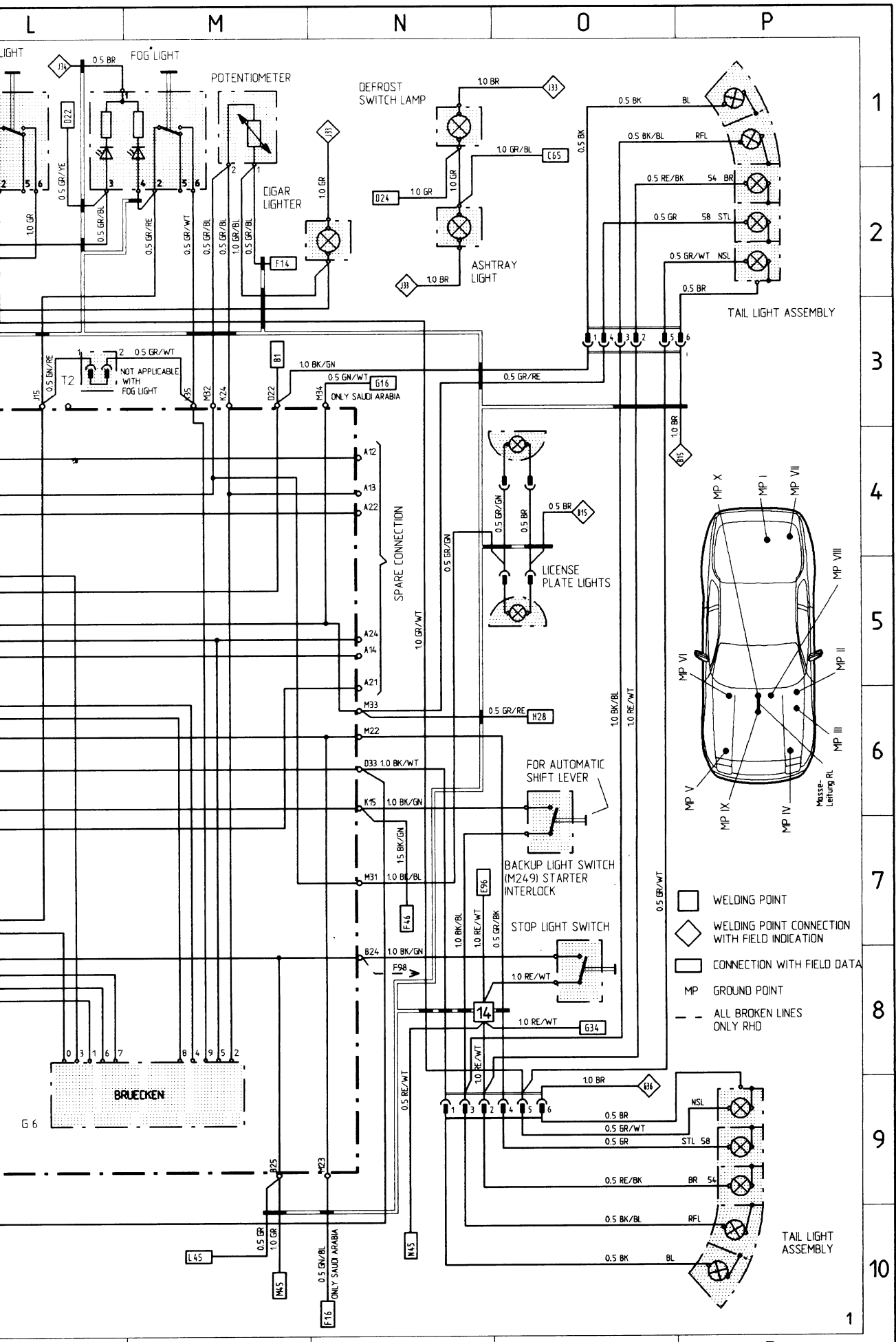
COORDINATES

1-10









- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- GROUND POINT
- ALL BROKEN LINES ONLY RHD

1  
2  
3  
4  
5  
6  
7  
8  
9  
10

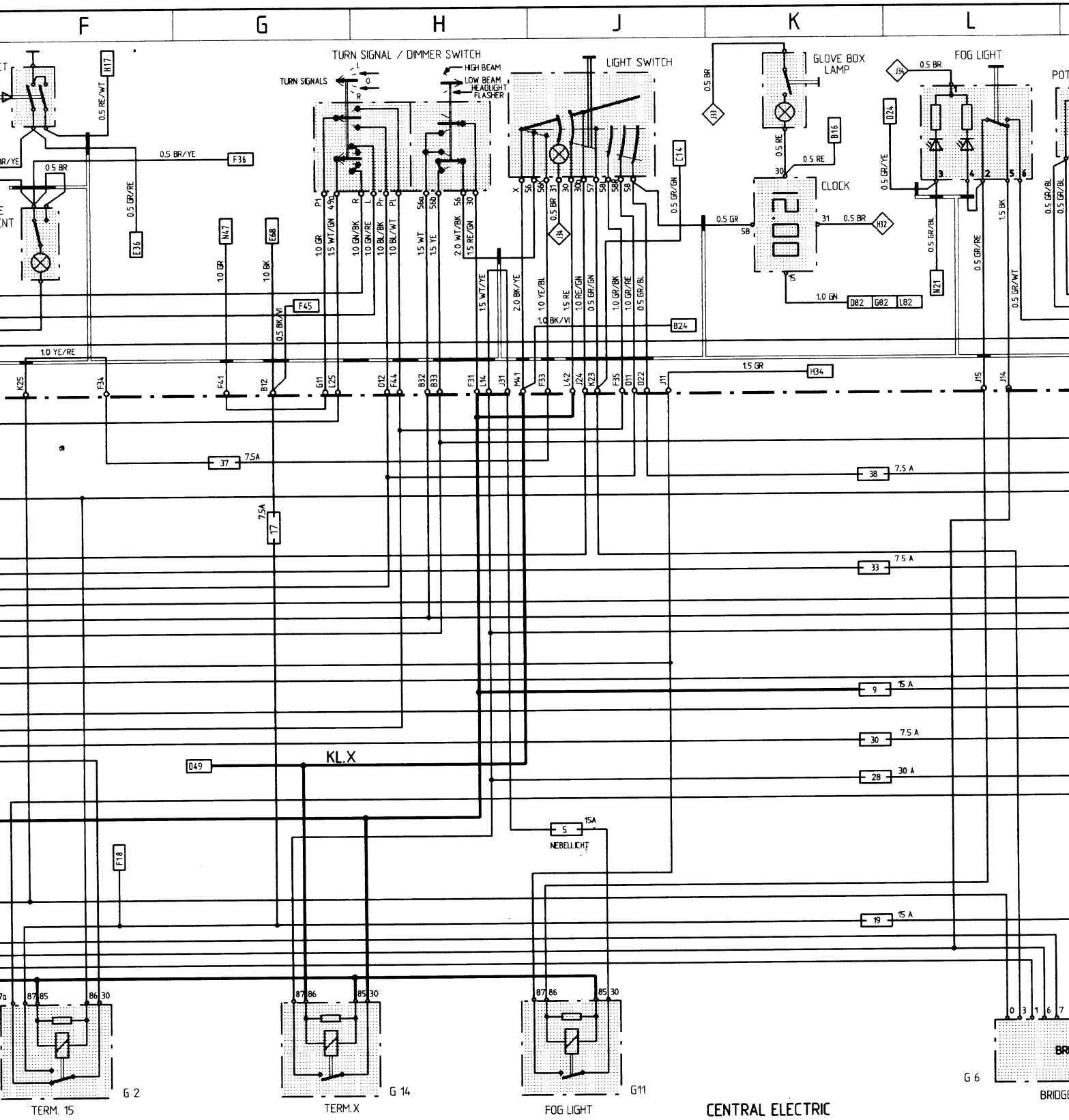
# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 2

LIGHTS USA

COORDINATES

1 - 10





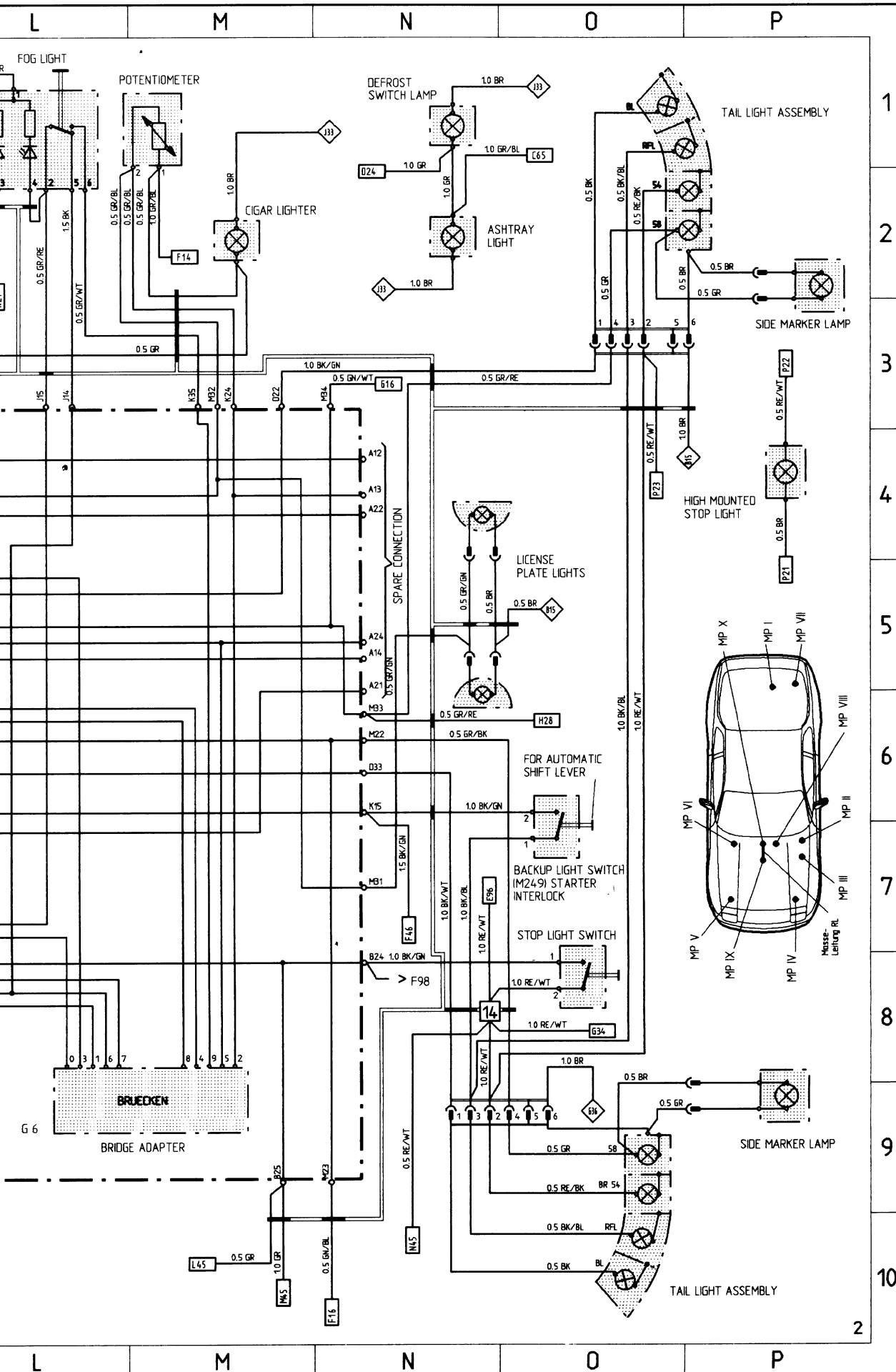
J28

- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- MP GROUND POINT

F G H J K L

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





# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 3

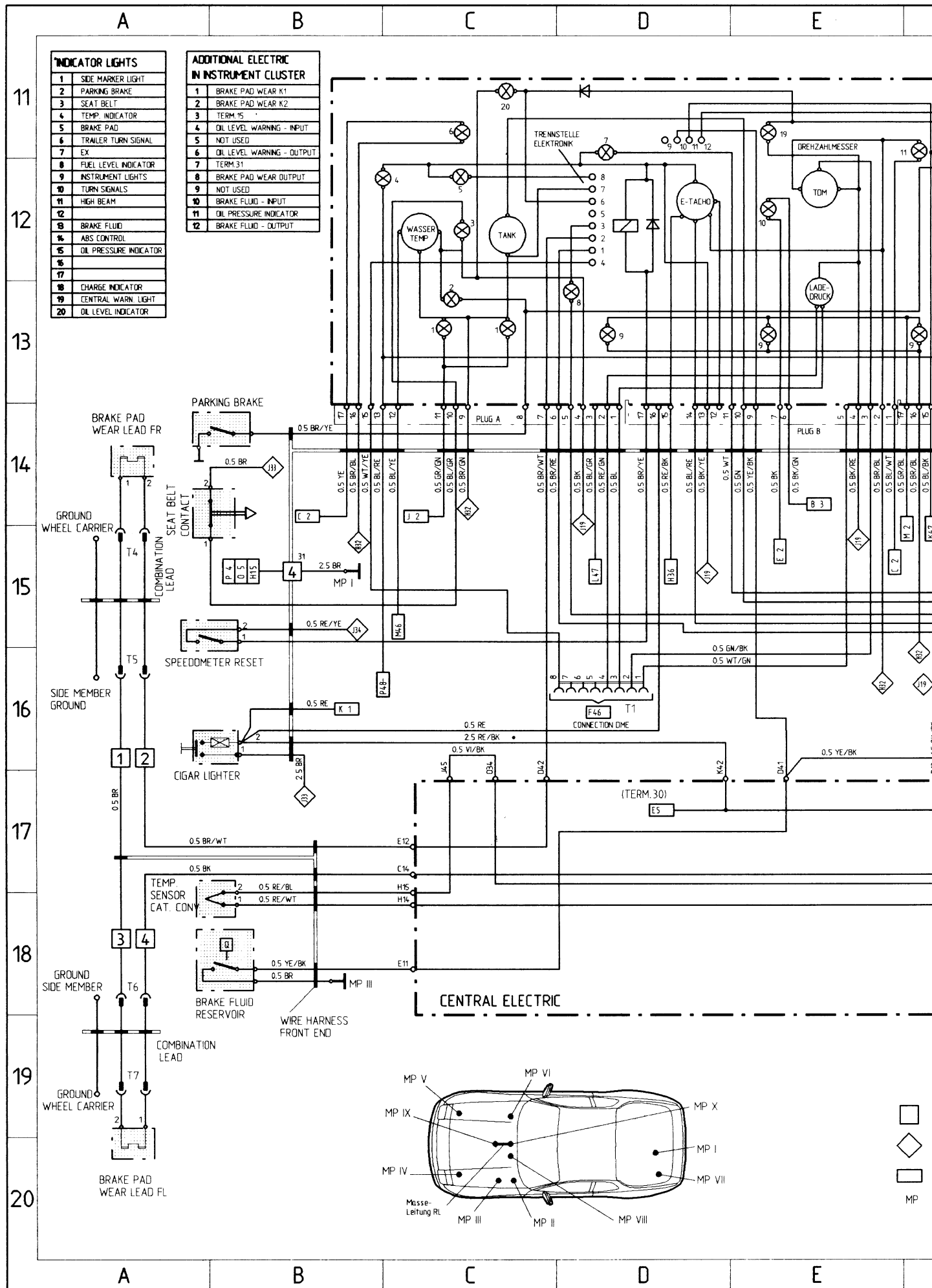
INSTRUMENT CLUSTER AND SENDER ROW

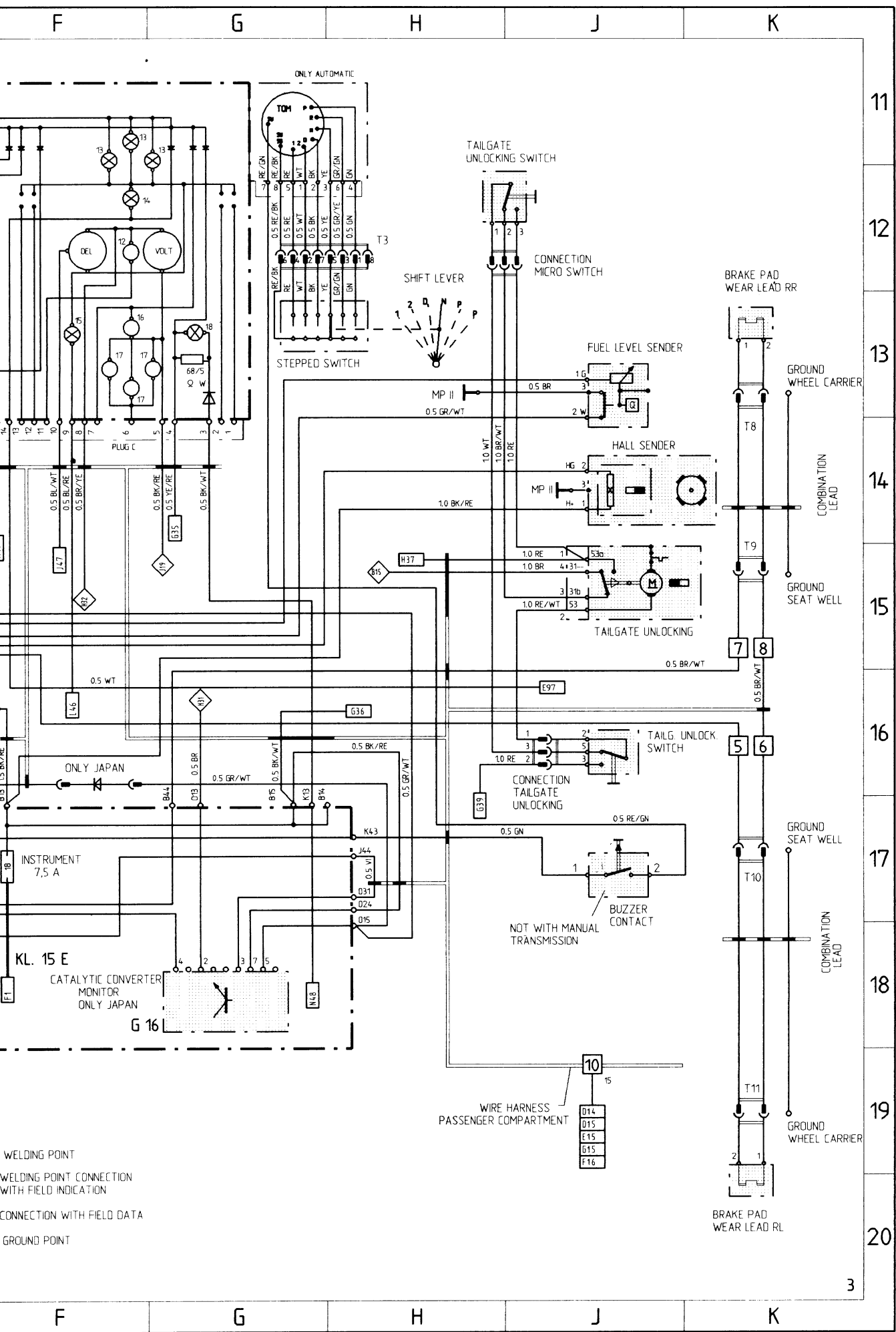
COORDINATES

11 - 20

# Wiring Diagram Type 944, 944 turbo, 944 S Model 88

## INSTRUMENT CLUSTER AND SENDER ROW





# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 4

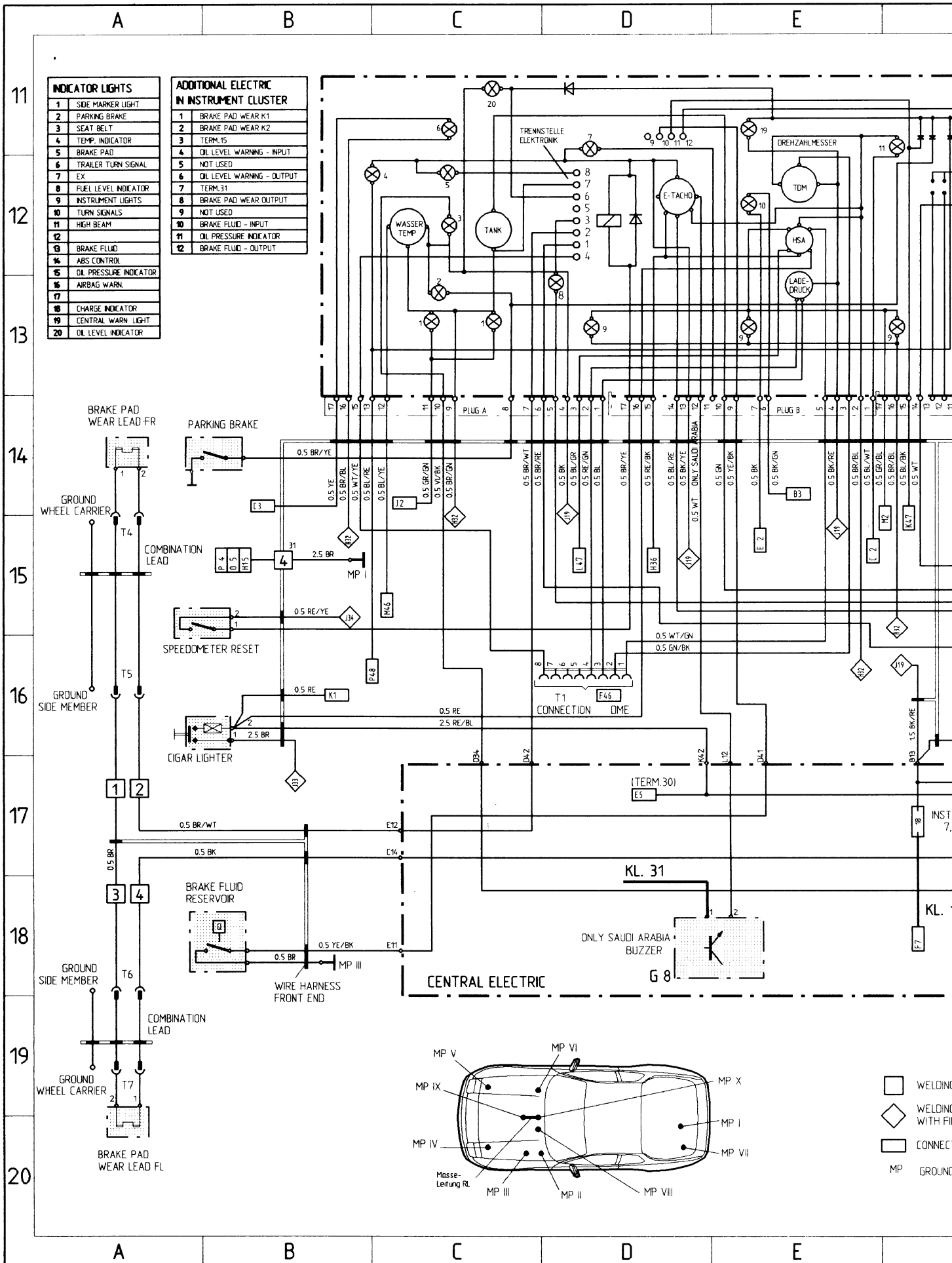
INSTRUMENT CLUSTER AND SENDER USA OPT. EQUIPM.

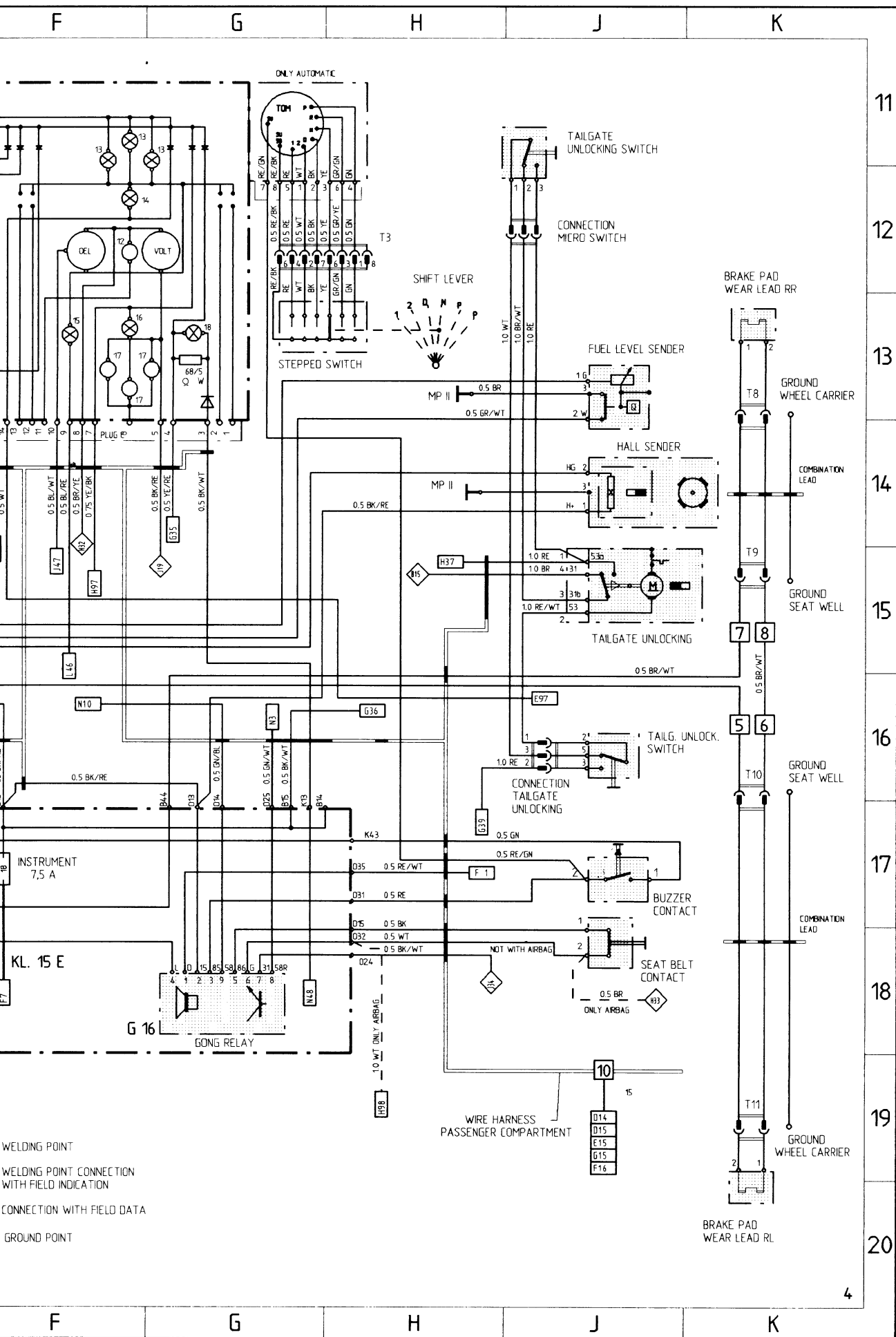
COORDINATES

11 - 20

# Wiring Diagram Type 944, 944 turbo, 944 S Model 88 pa

INSTRUMENT CLUSTER AND SENDER USA OPT. EQUIPM.





# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 5

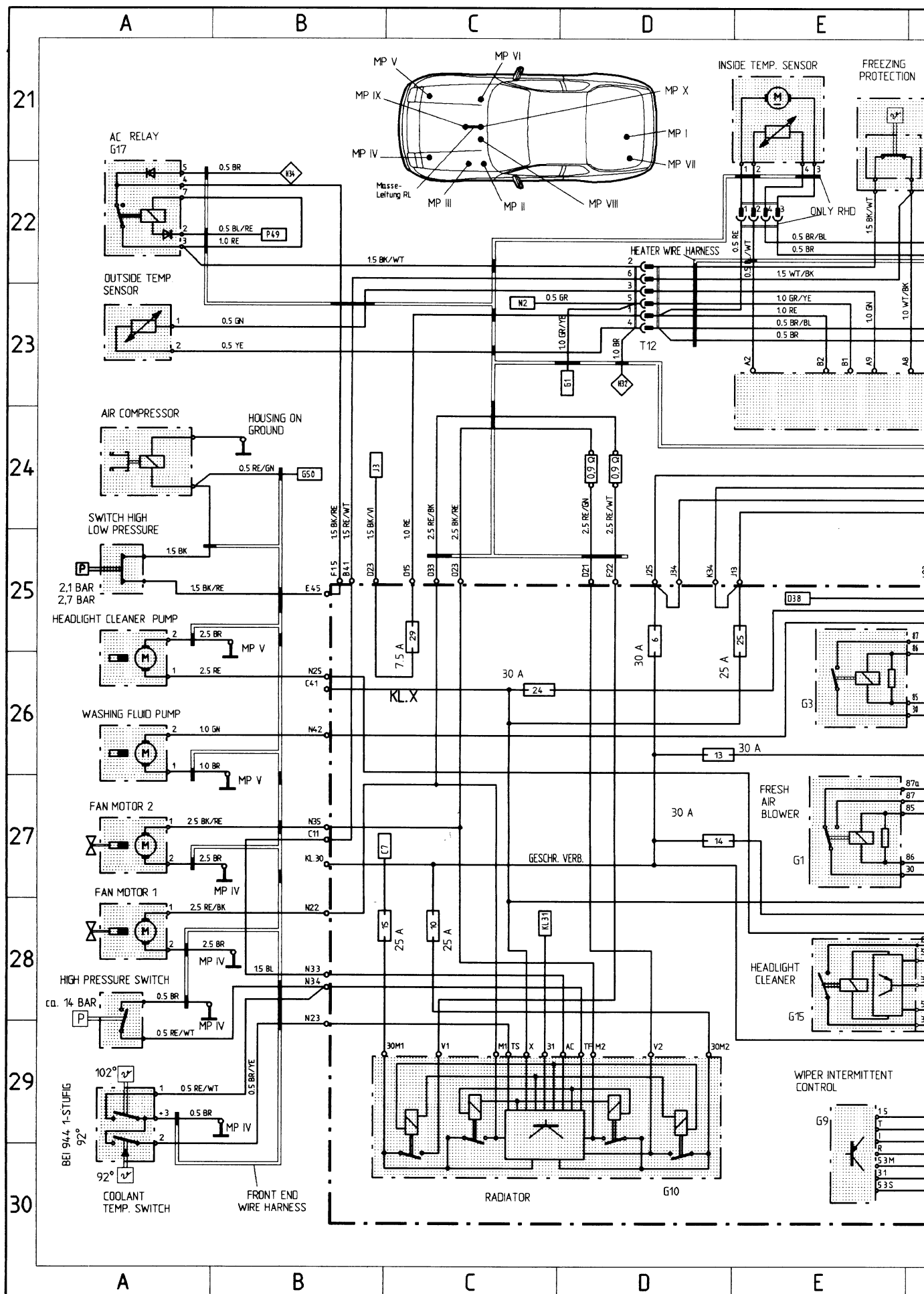
HEATING, AIRCONDITIONING, VENTILATING  
COORDINATES

21 - 30

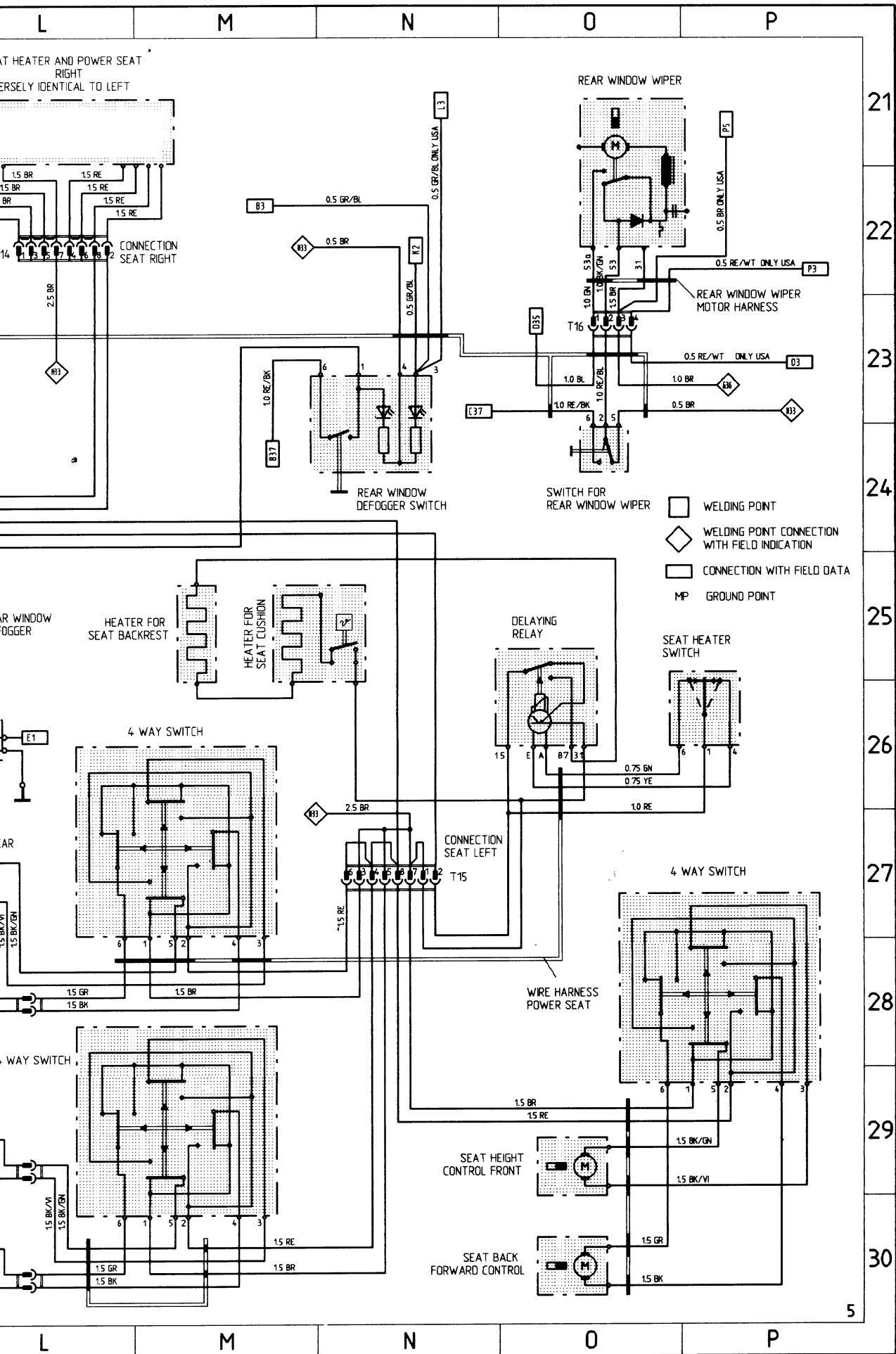


# Wiring Diagram Type 944, 944 turbo, 944 S Model 88

HEATING, AIRCONDITIONING, VENTILATING







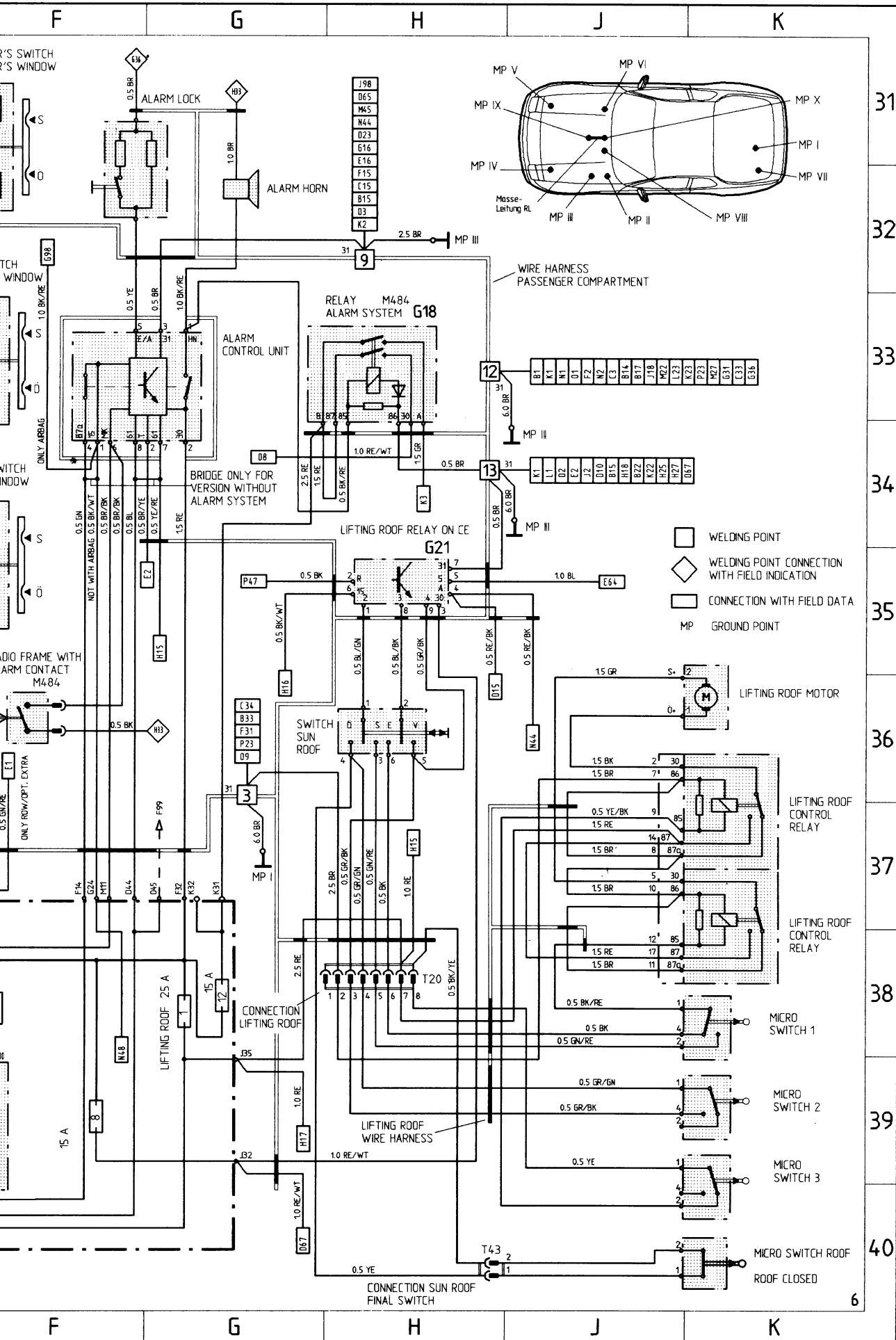
# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 6

TWO-TONE HORNS, MIRRORS, ALARM SYSTEM

COORDINATES

31 - 40





# Wiring Diagram Type 944 Model 88 page 7

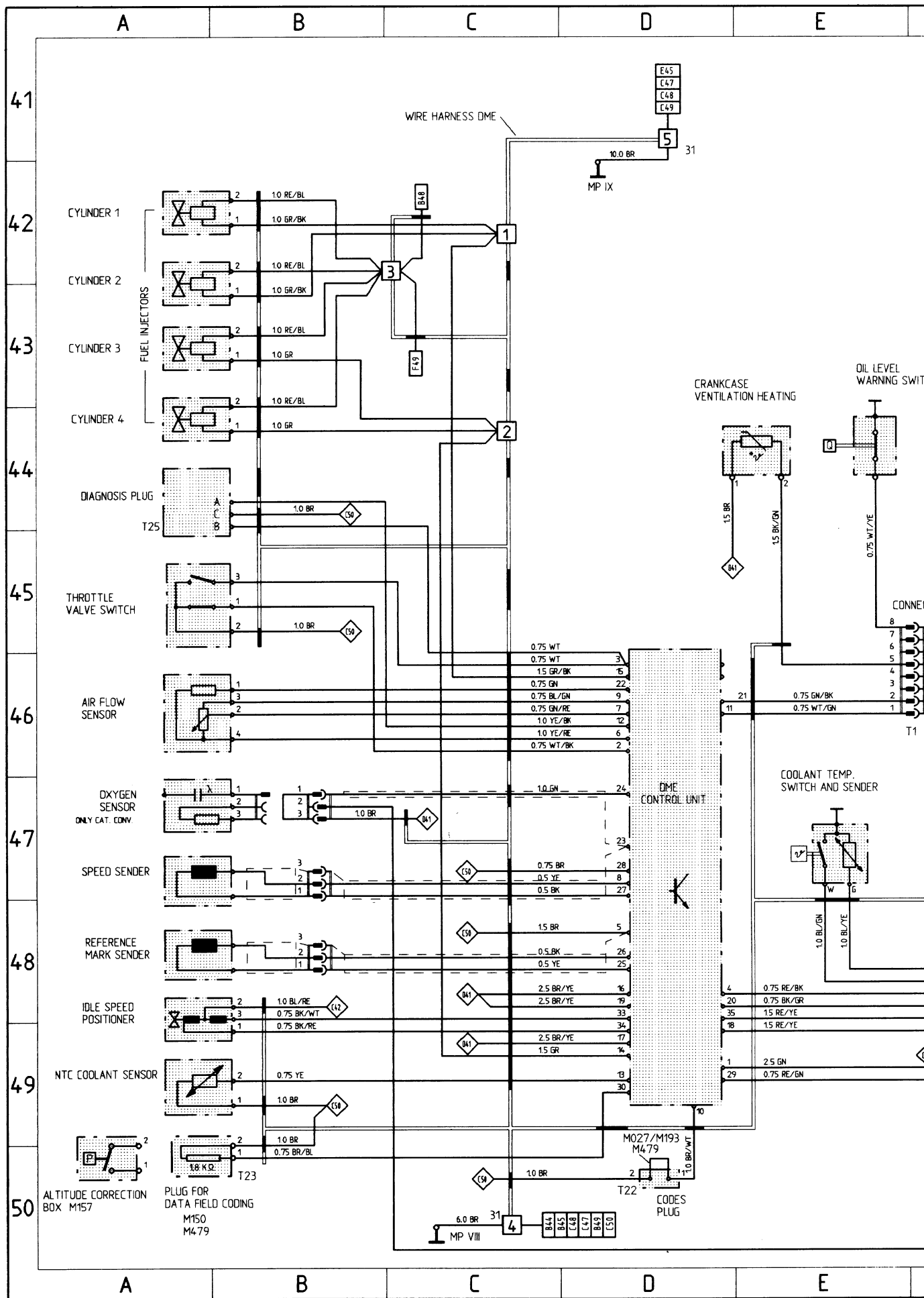
ENGINE COMPARTMENT, CRUISE CONTROL - 944

COORDINATES

41 - 50

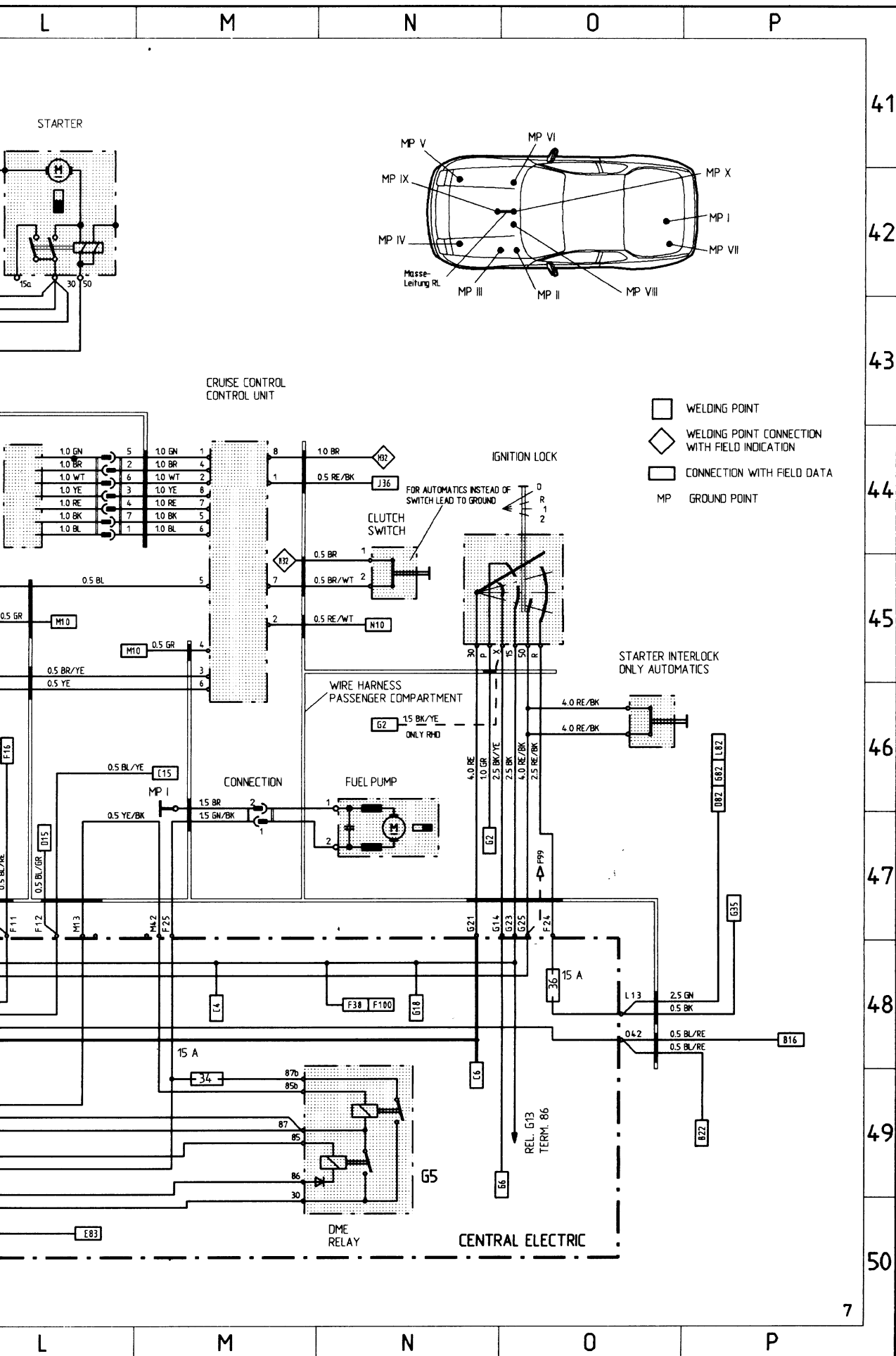
# Wiring Diagram Type 944 Model 88 page 7

ENGINE COMPARTMENT, CRUISE CONTROL - 944









# Wiring Diagram Type 944 turbo Model 88 page 8

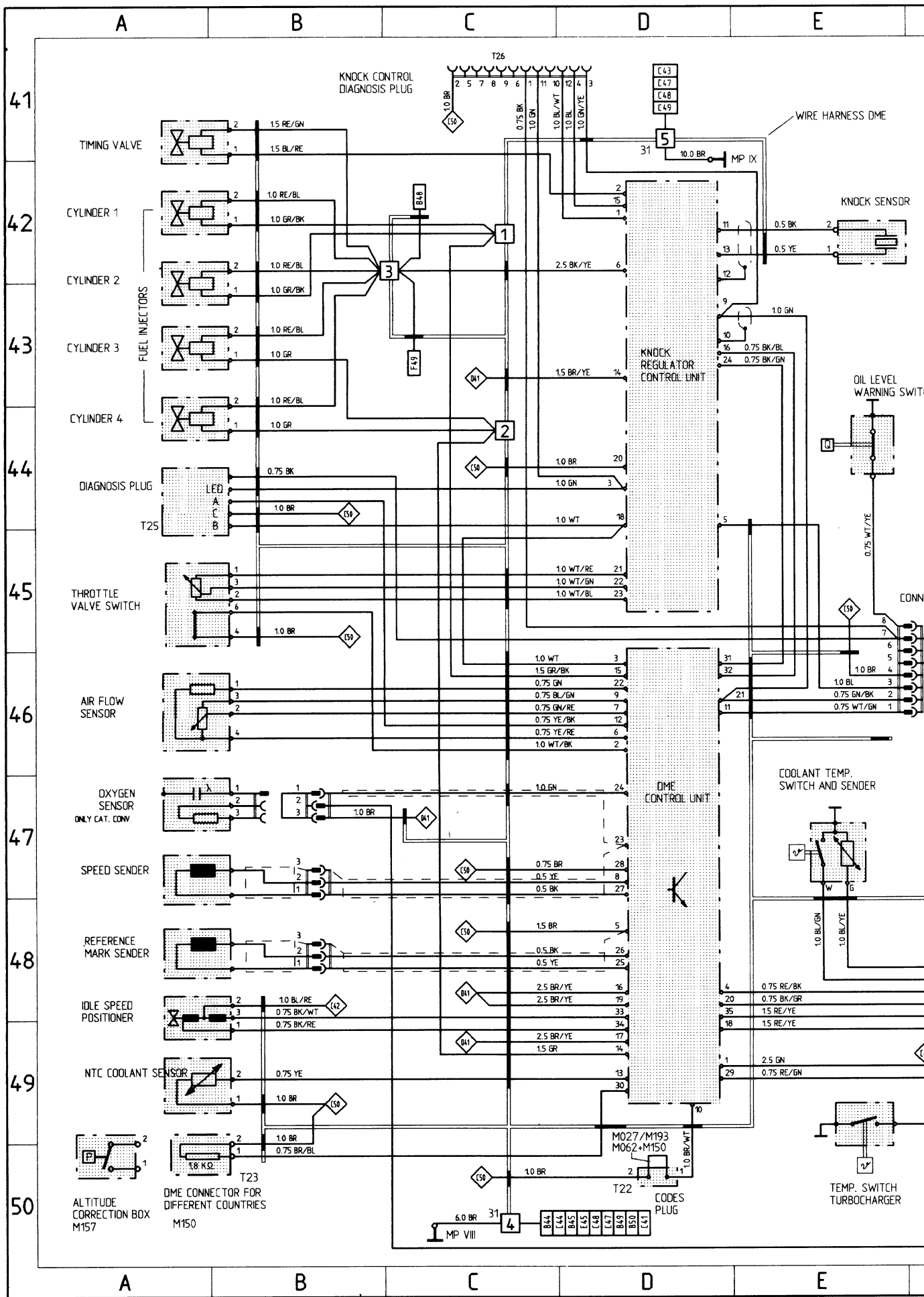
ENGINE COMPARTMENT, CRUISE CONTROL – 944 TURBO

COORDINATES

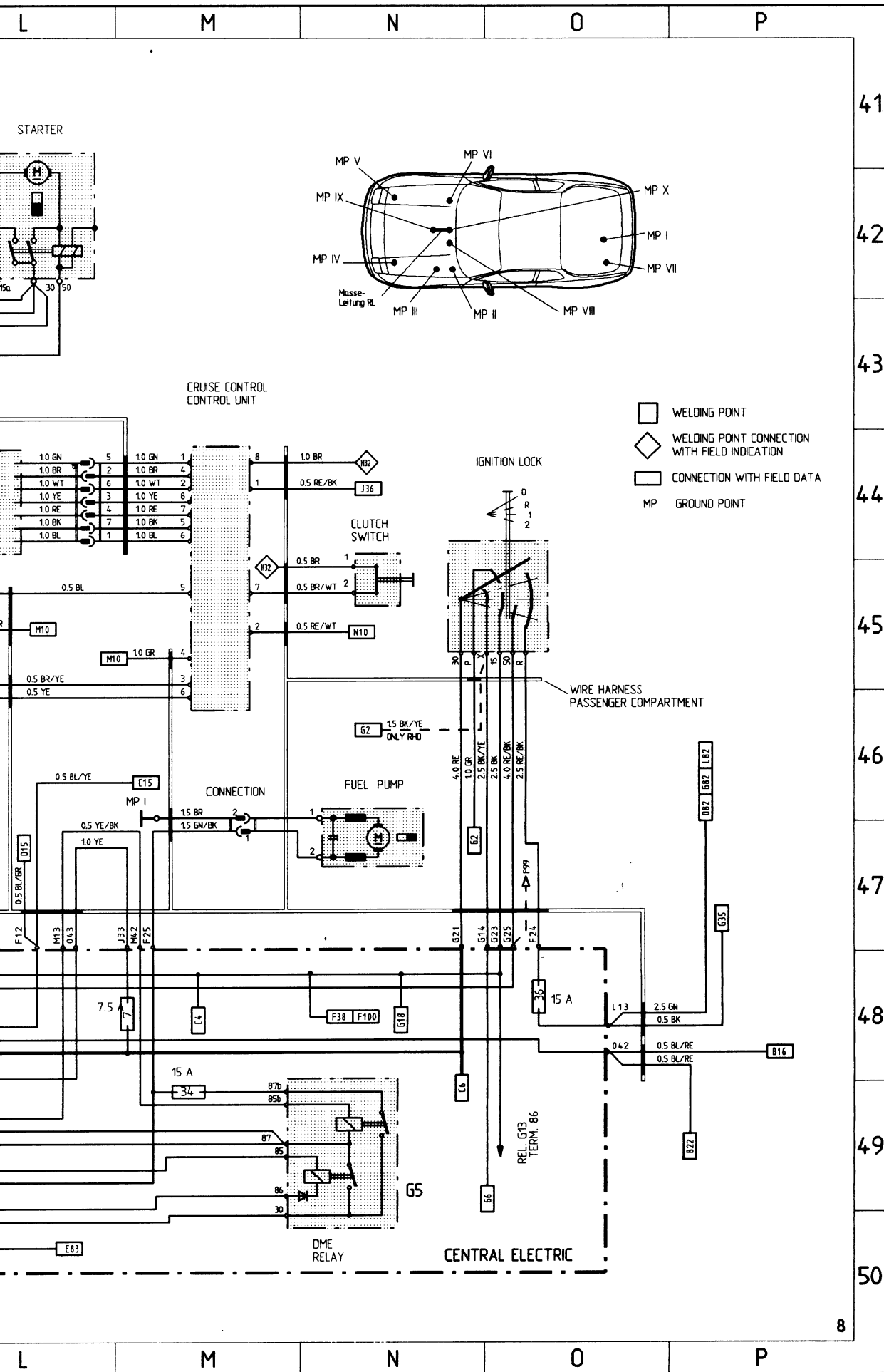
41 - 50

# Wiring Diagram Type 944 turbo Model 88 page 8

ENGINE COMPARTMENT, CRUISE CONTROL-944 TURBO







- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- MP GROUND POINT

# Wiring Diagram Type 944 S Model 88 page 9

ENGINE COMPARTMENT, CRUISE CONTROL

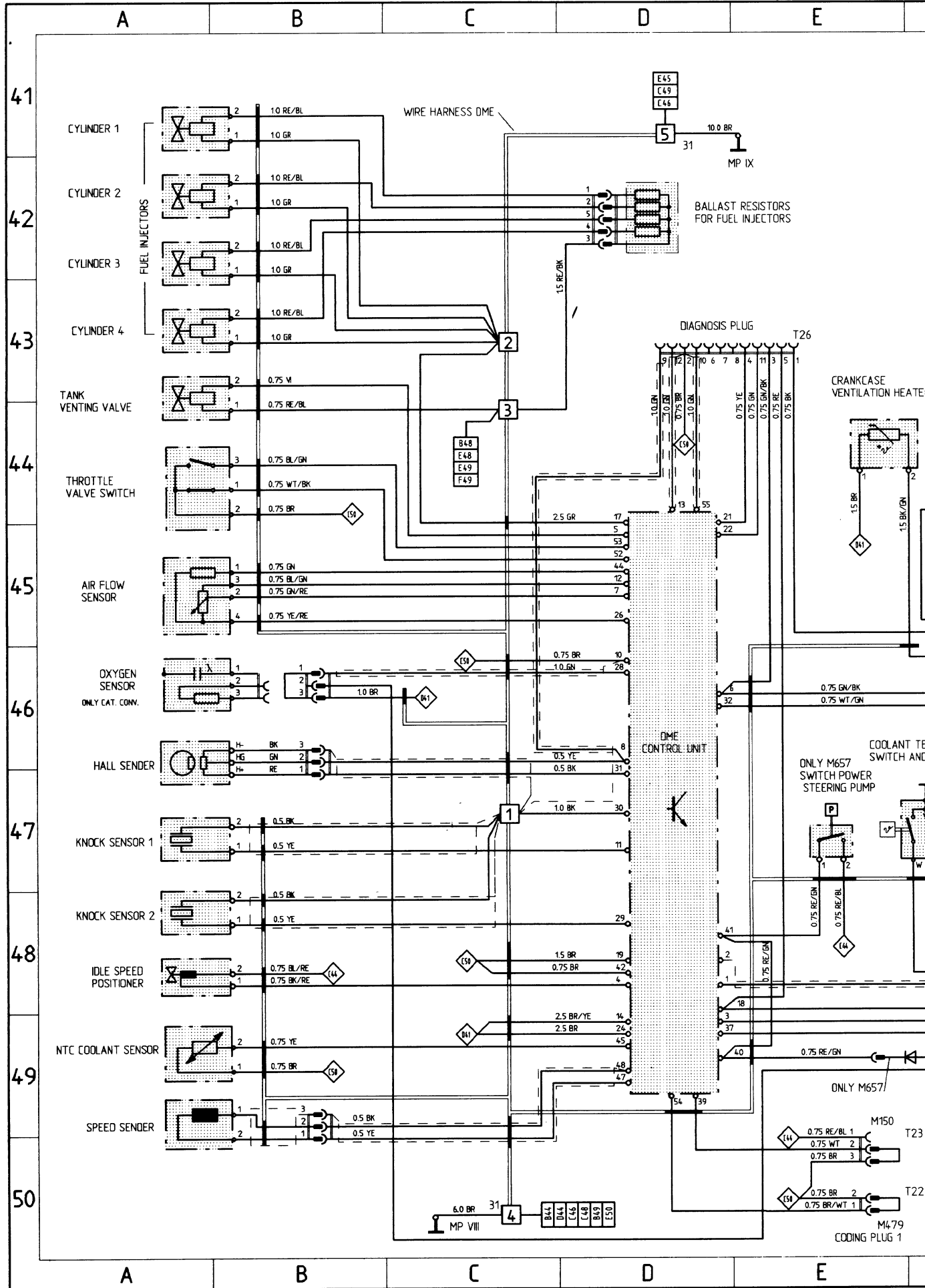
4-VALVE ENGINE

COORDINATES

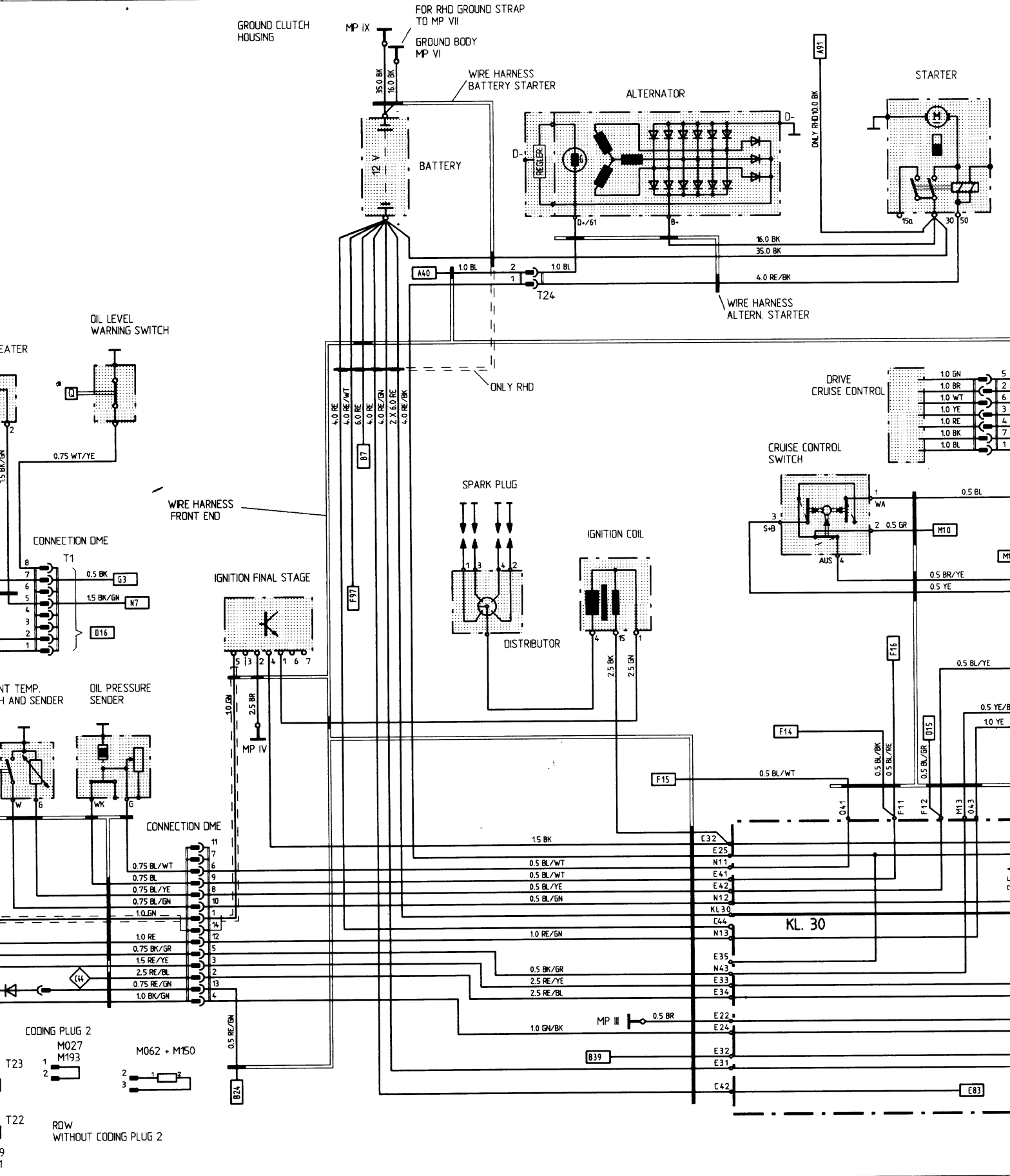
41 - 50

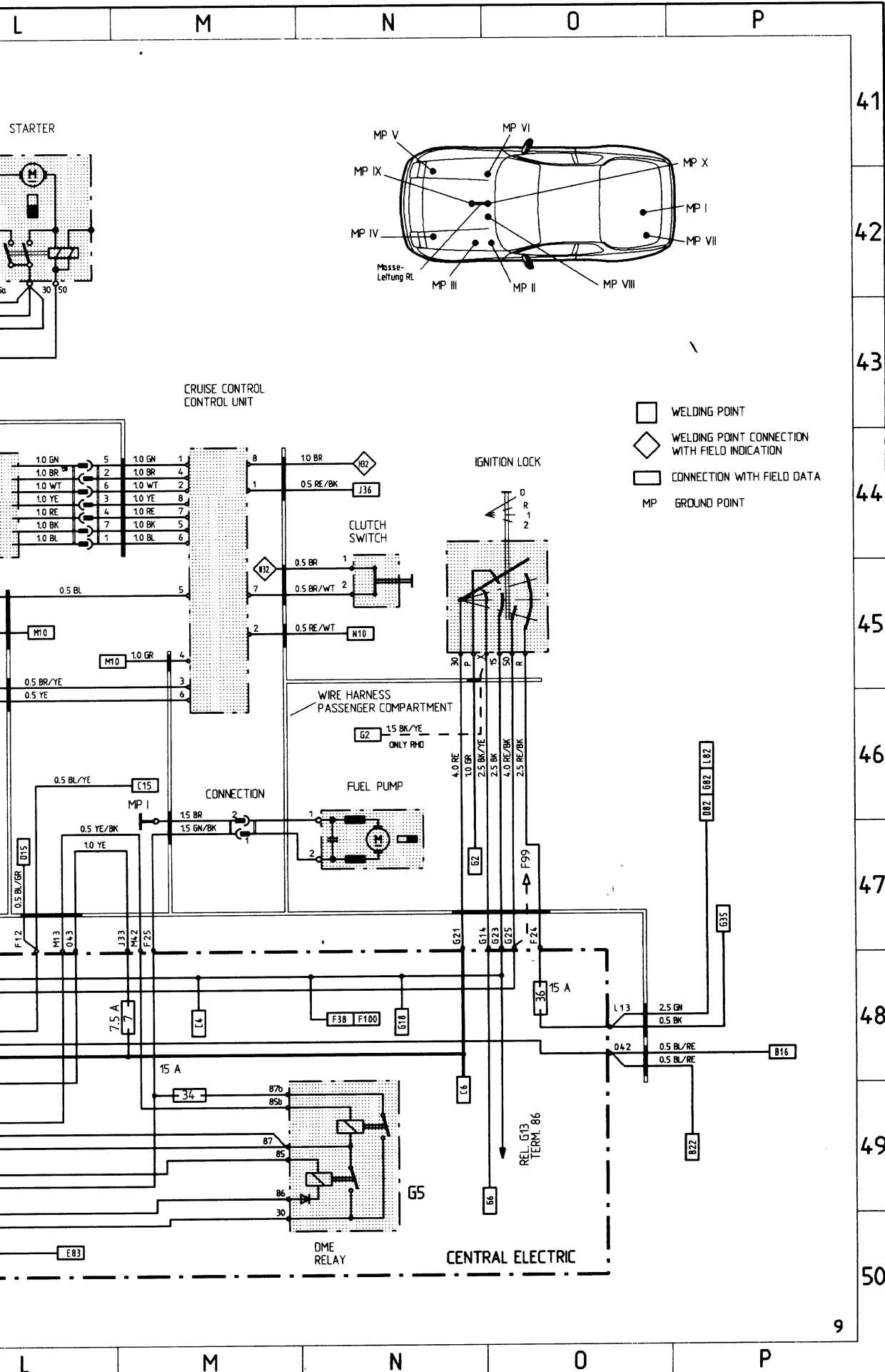
# Wiring Diagram Type 944 S Model 88 page 9

ENGINE COMPARTMENT, CRUISE CONTROL 4-VALVE ENGINE









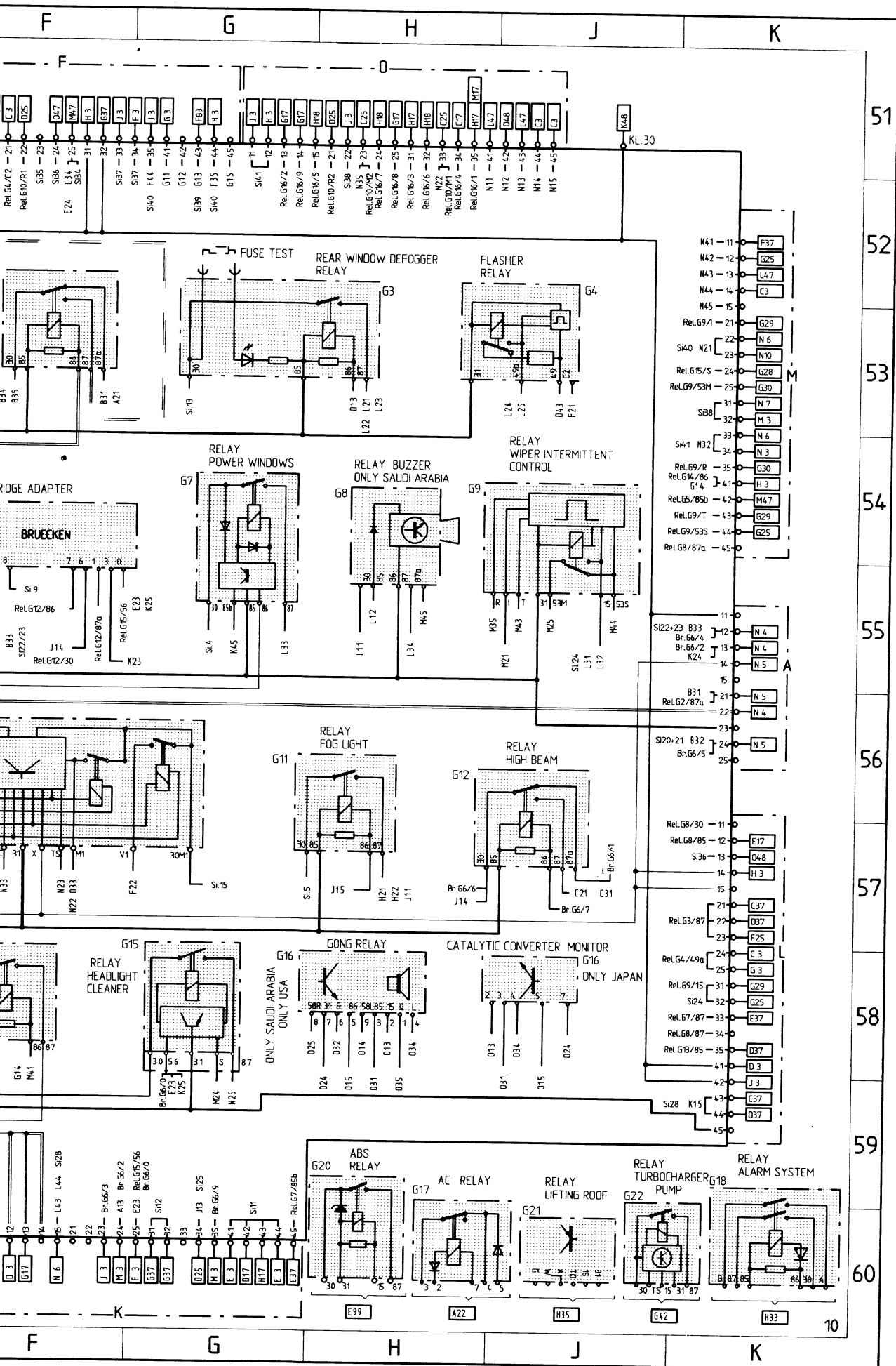
# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 10

CENTRAL ELECTRIC

COORDINATES

51 - 60





GR=GREY BR=BROWN BL=BLUE VI=VIOLET

# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 11

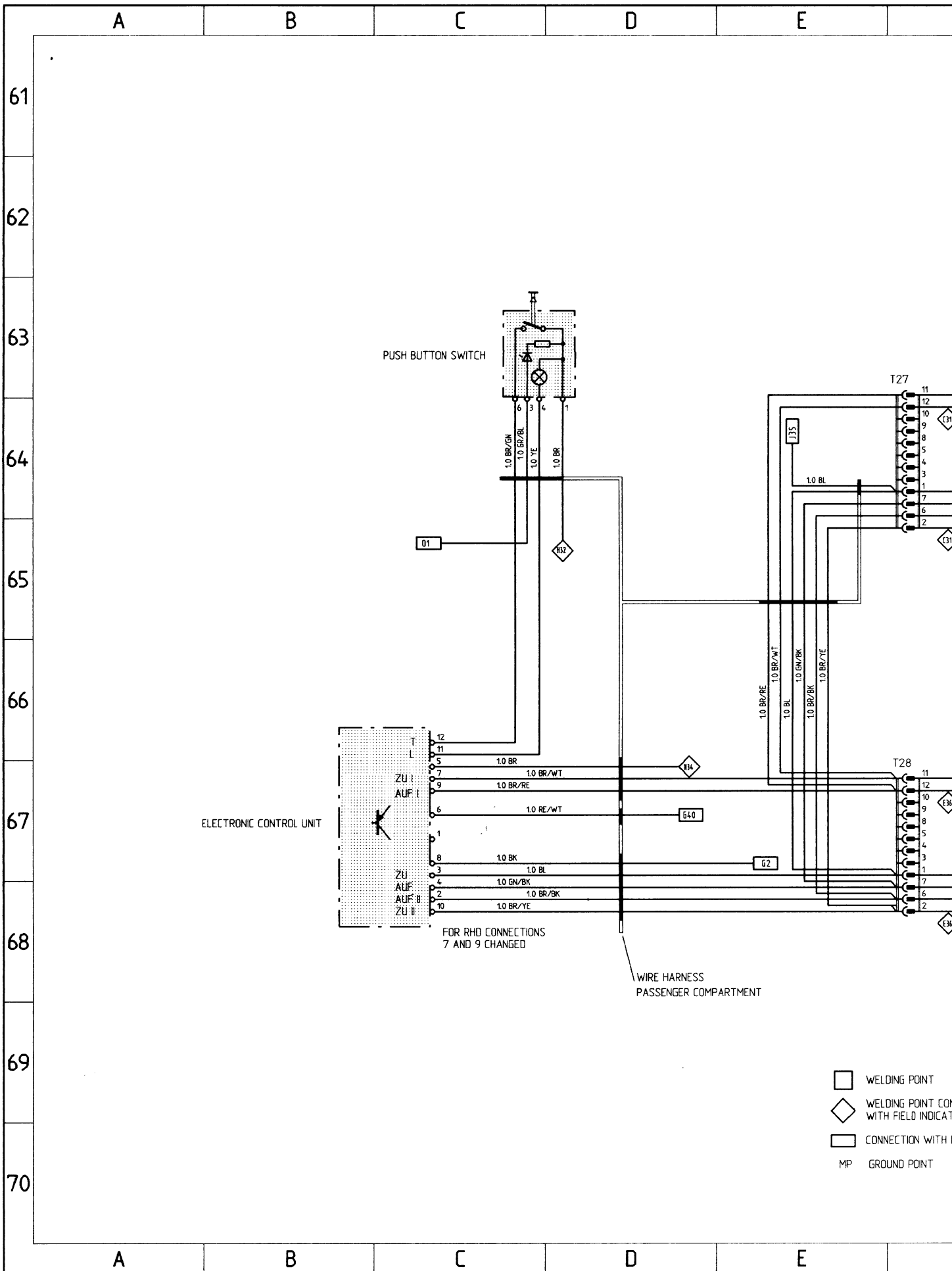
CENTRAL LOCKS

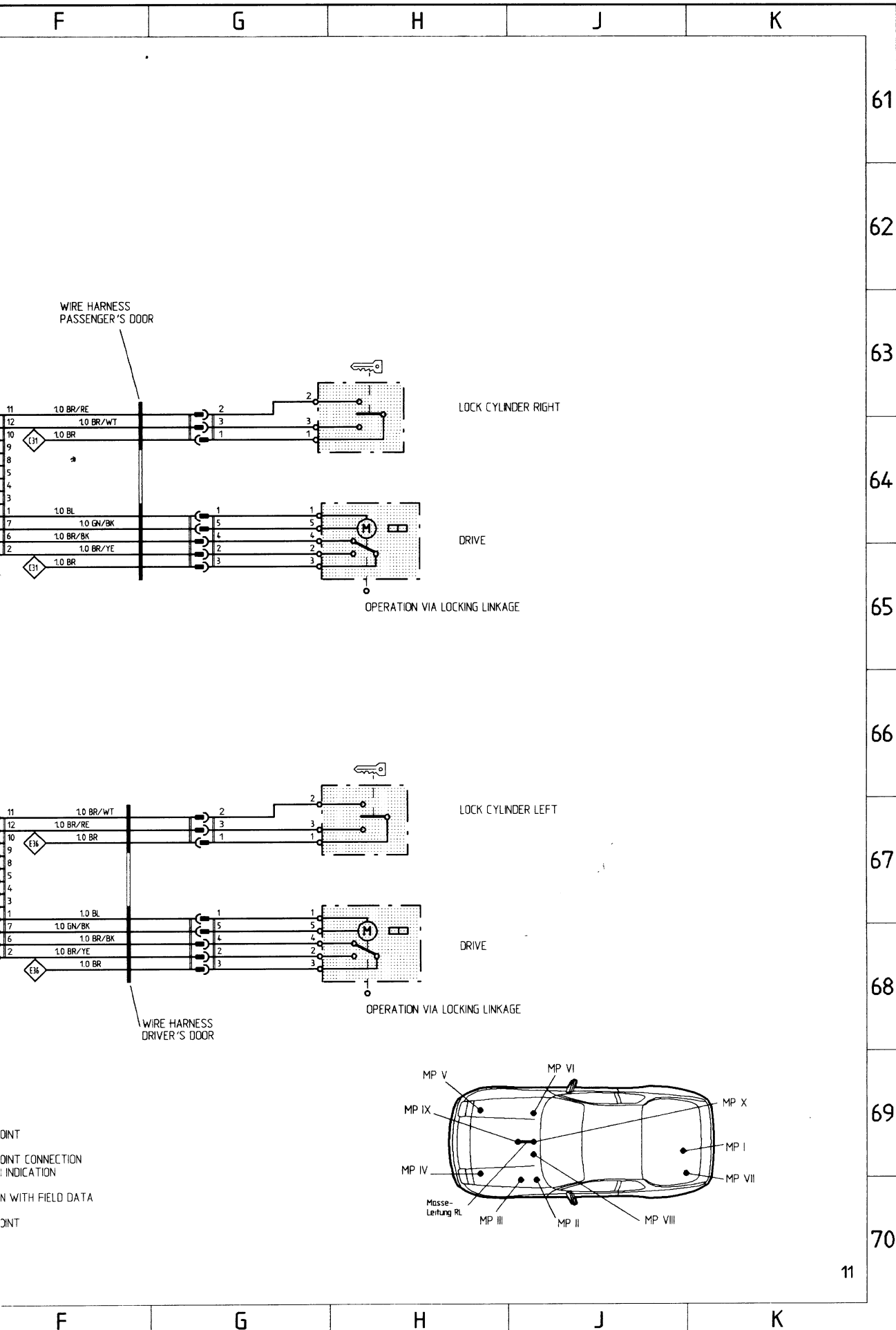
COORDINATES

61 - 70

# Wiring Diagram Type 944, 944 turbo, 944 S Model 88 pa

## CENTRAL LOCKS





61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
11

ONT  
ONT CONNECTION  
INDICATION  
N WITH FIELD DATA  
ONT



# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 12

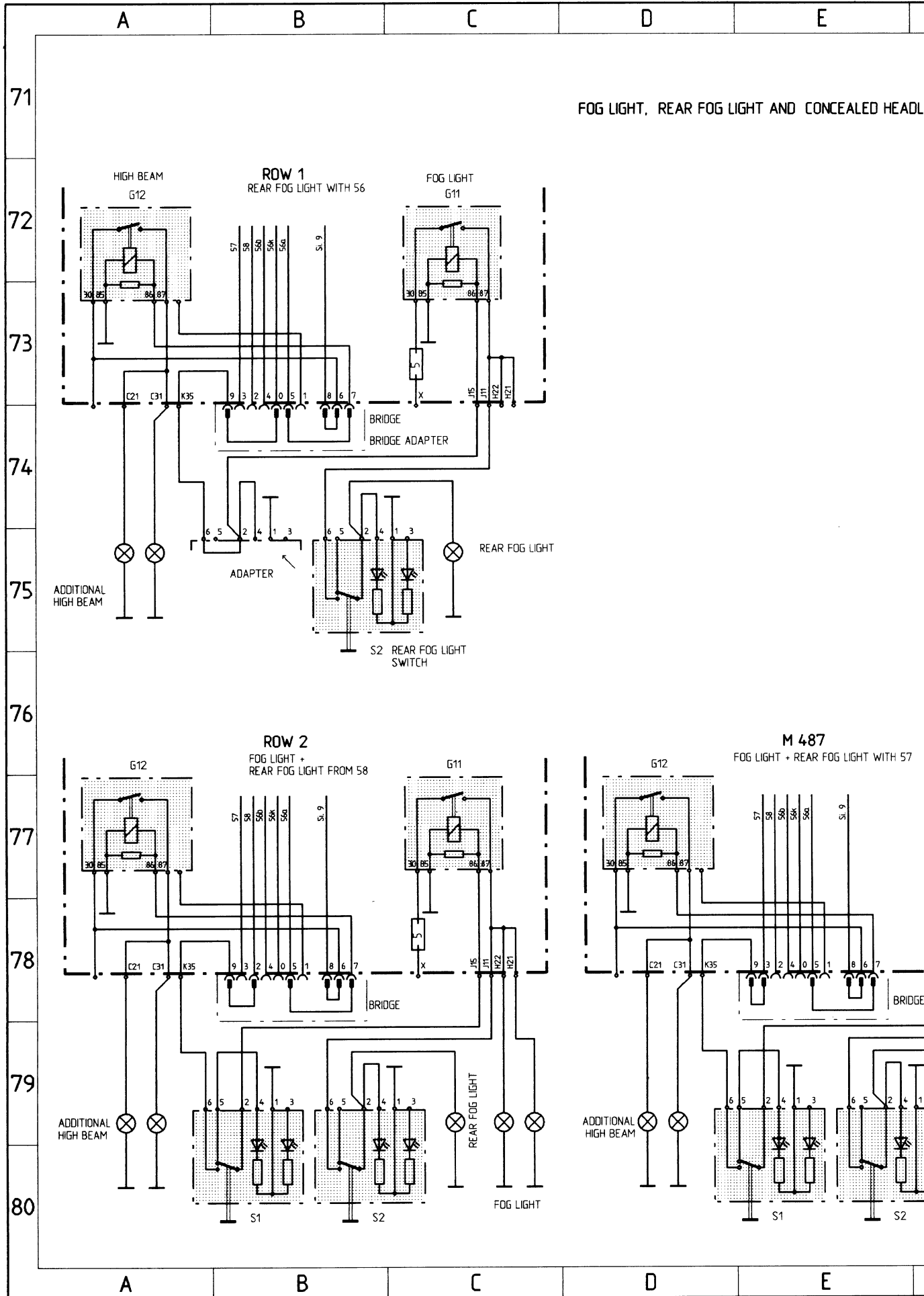
FOG LIGHT, REAR FOG LIGHT

COORDINATES

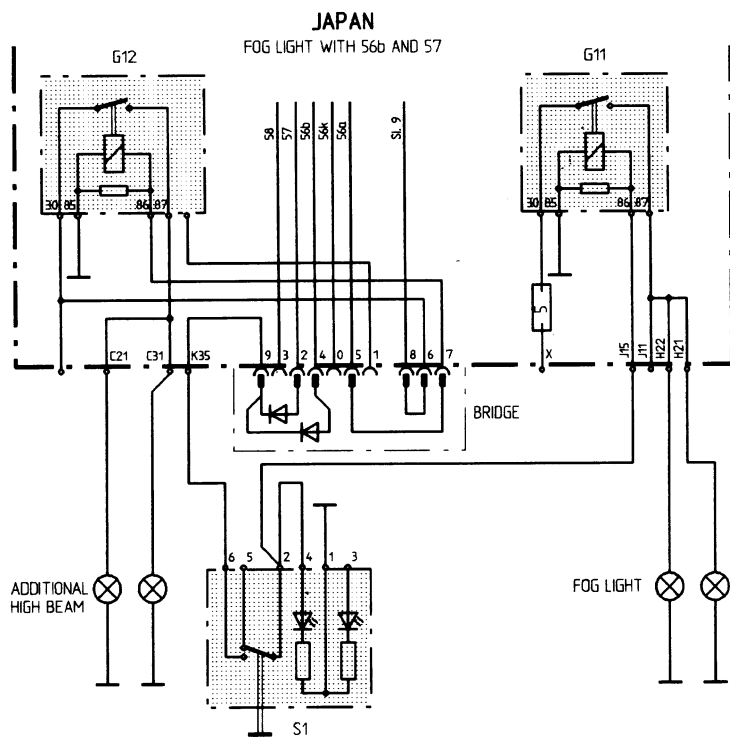
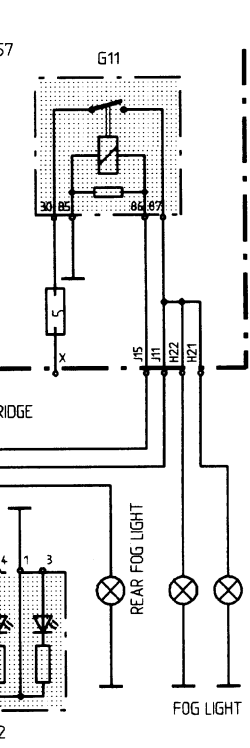
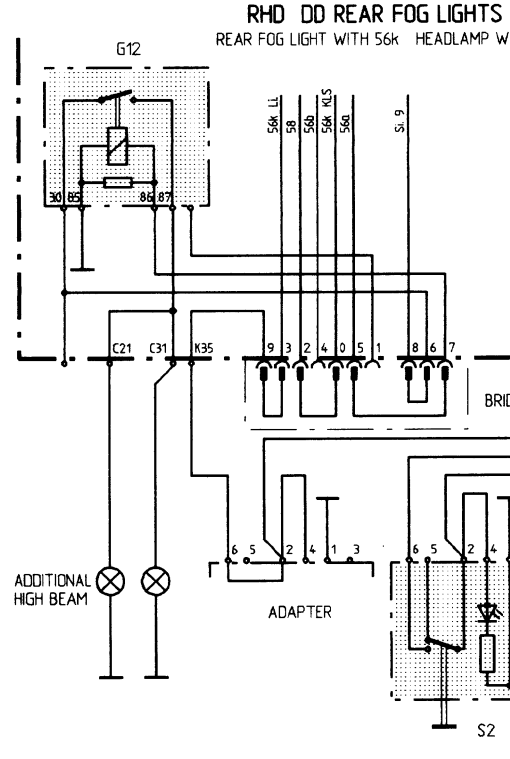
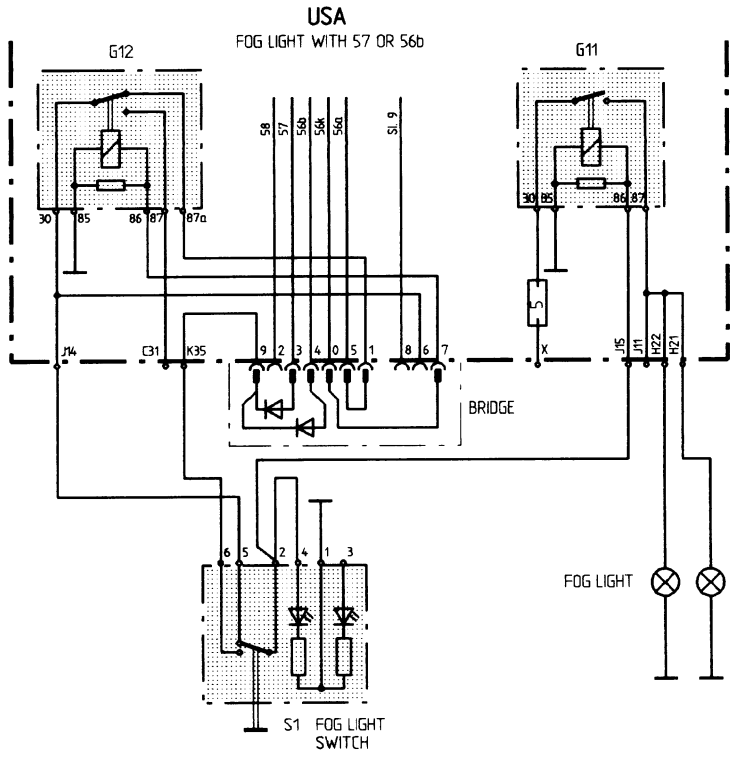
71 - 80

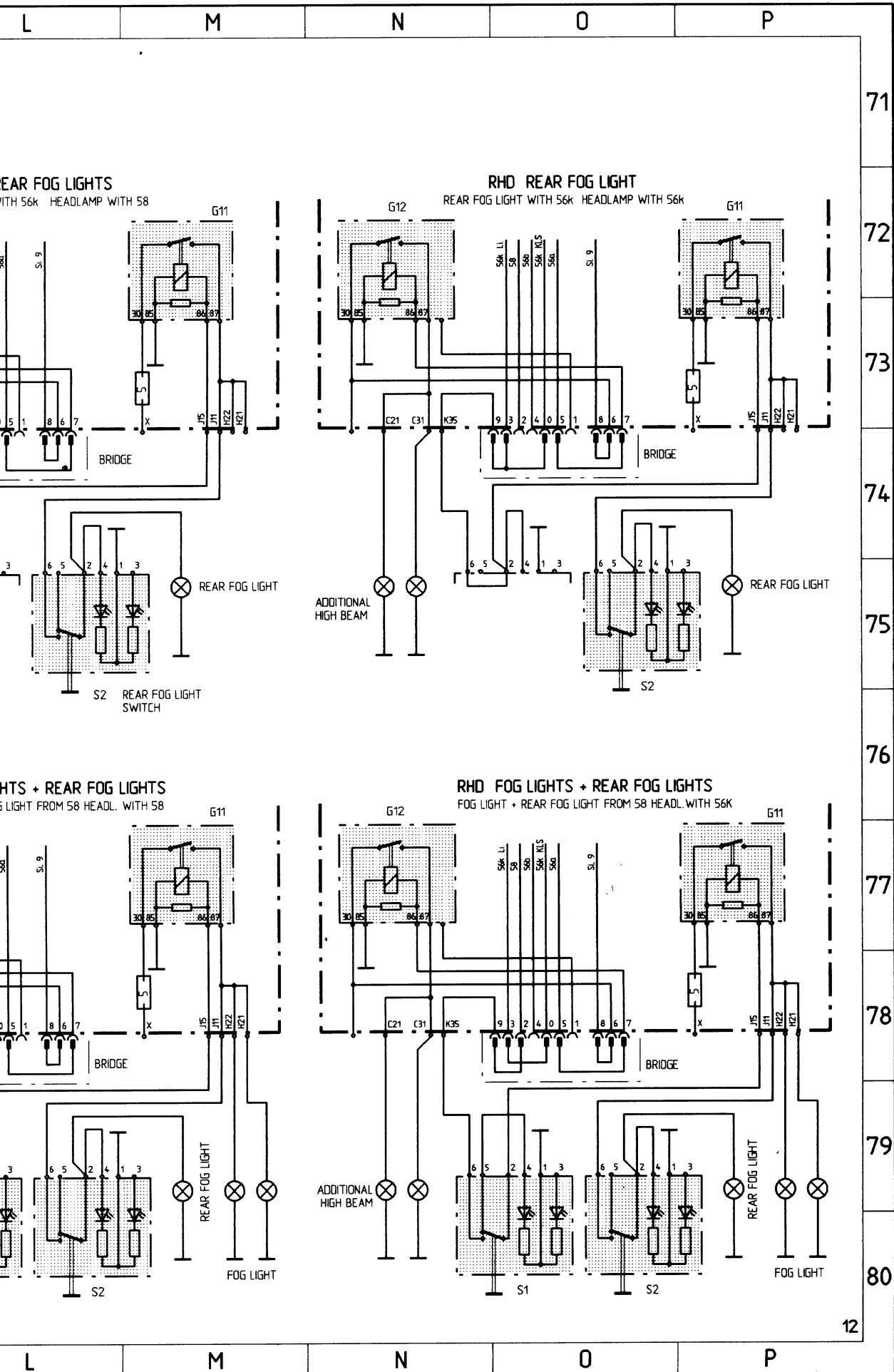
# Wiring Diagram Type 944, 944 turbo, 944 S Model 88

FOG LIGHT, REAR FOG LIGHT



ADLIGHT MOTOR - CIRCUIT



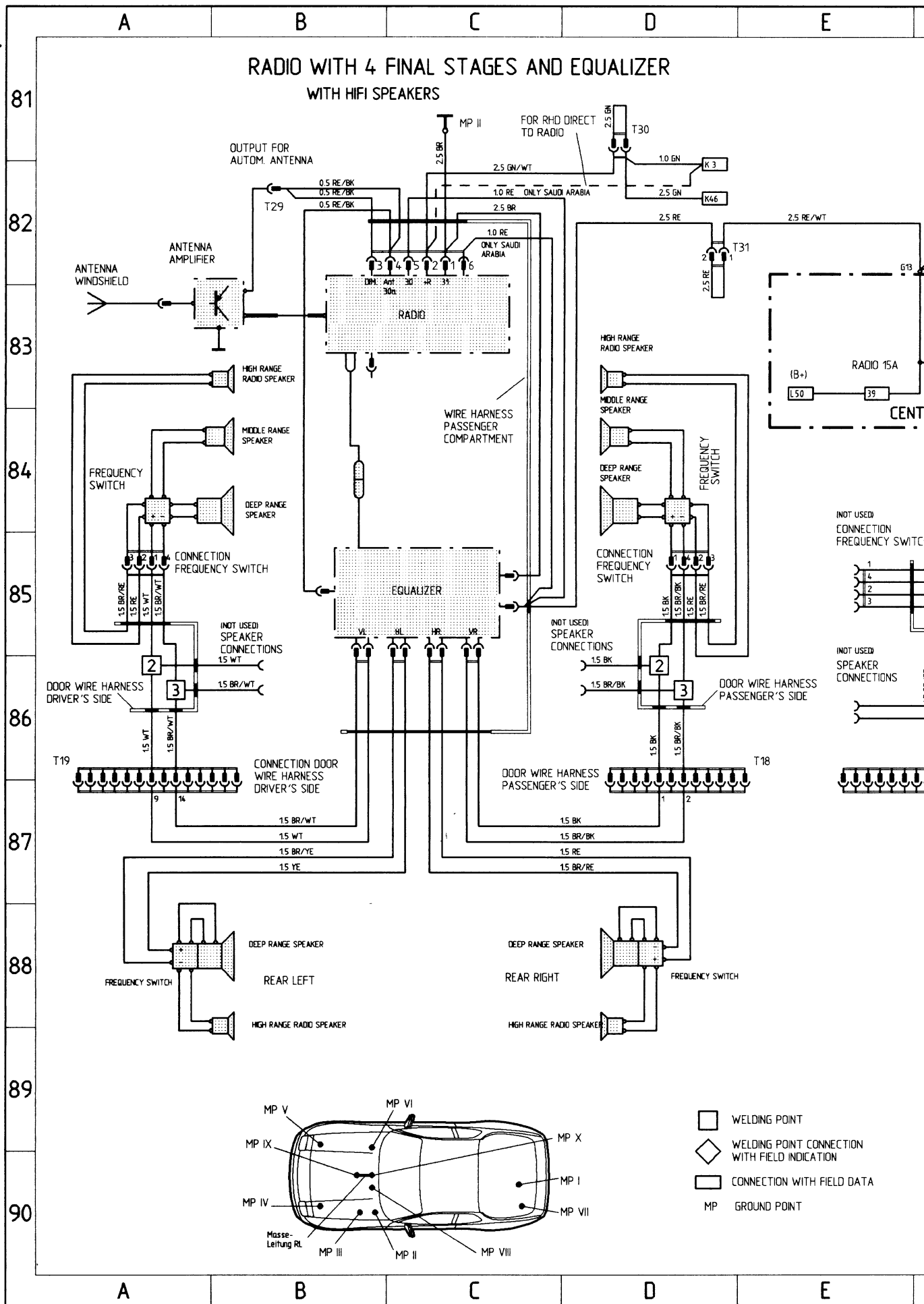


# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 13

RADIO  
COORDINATES  
81 - 90

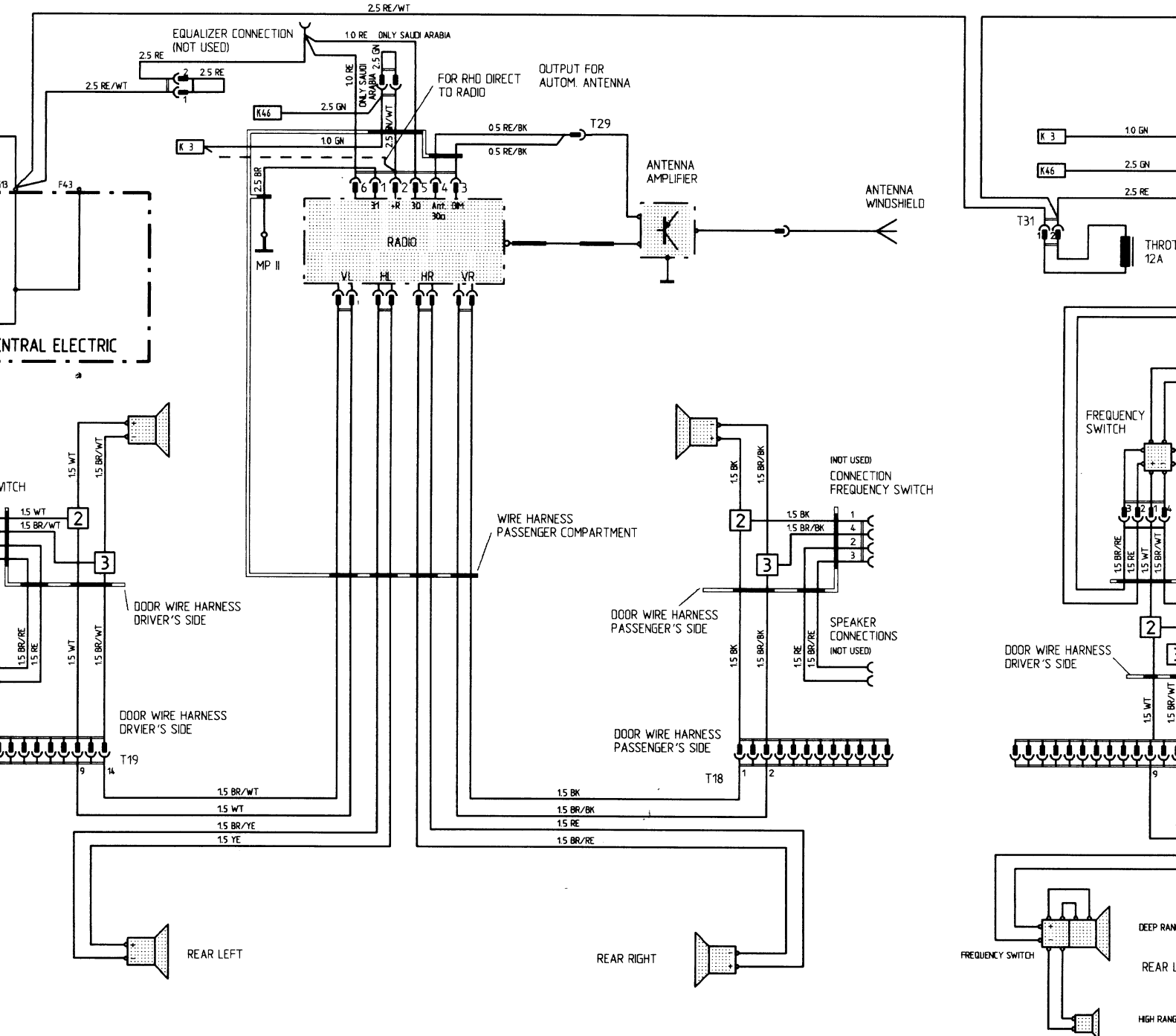
# Wiring Diagram Type 944, 944 turbo, 944 S Model 88

RADIO

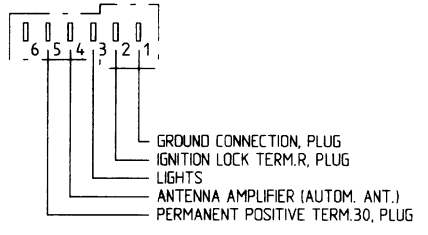


F G H J K L

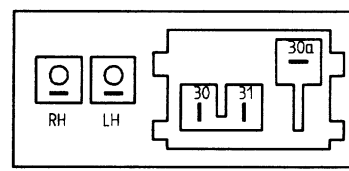
RADIO WITH 4 FINAL STAGES  
RADIO WITH 2 FINAL STAGES AND 4 OUTPUTS



CONNECTIONS ON BACK OF RADIO

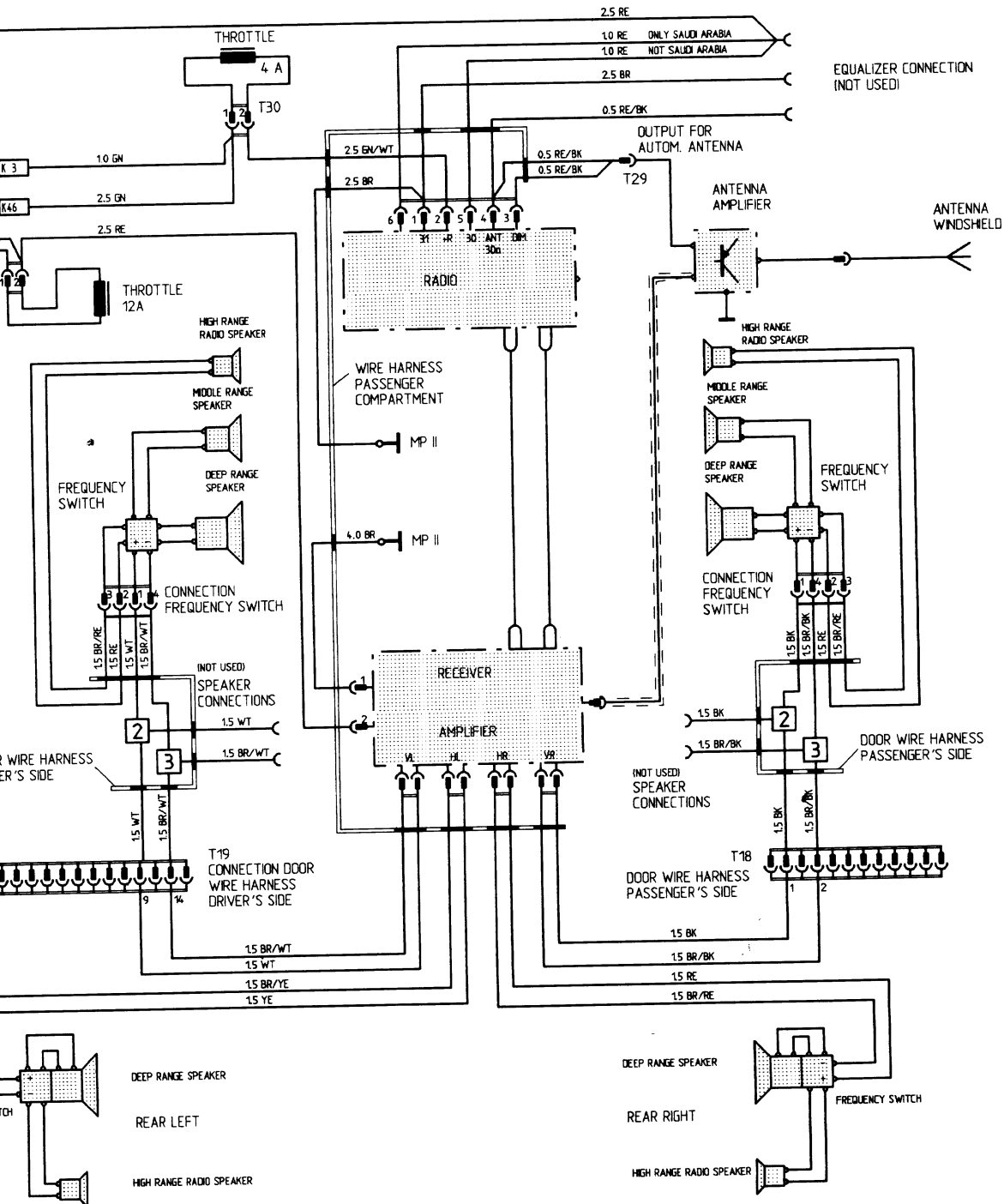


EQUALIZER CONNECTION

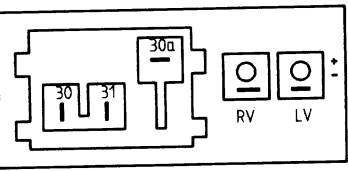


F G H J K L

RADIO BERLIN IQR 86  
WITH HI-FI SPEAKERS



EQUALIZER CONNECTIONS



81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
13



# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 14

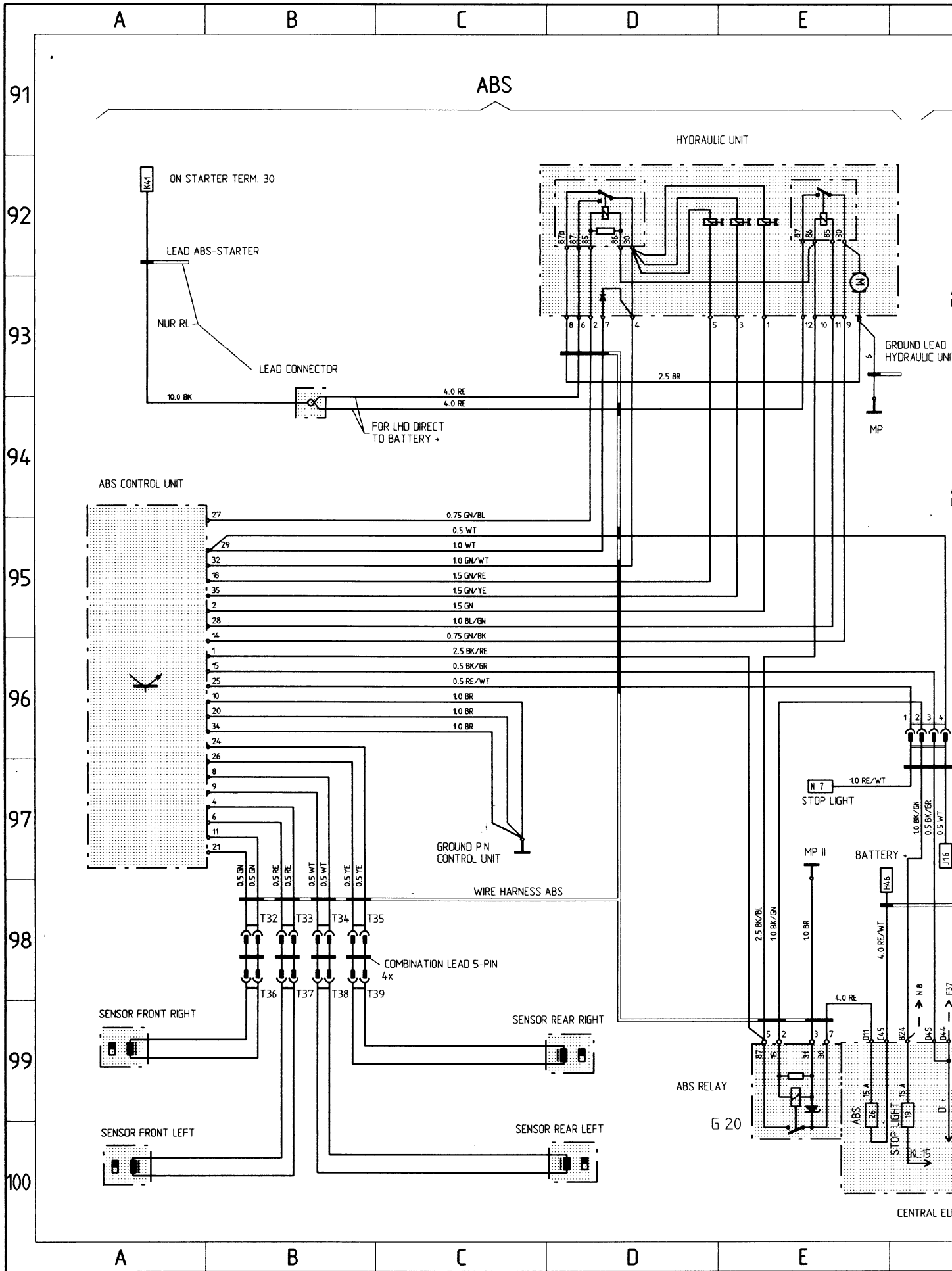
ABS, AIRBAG

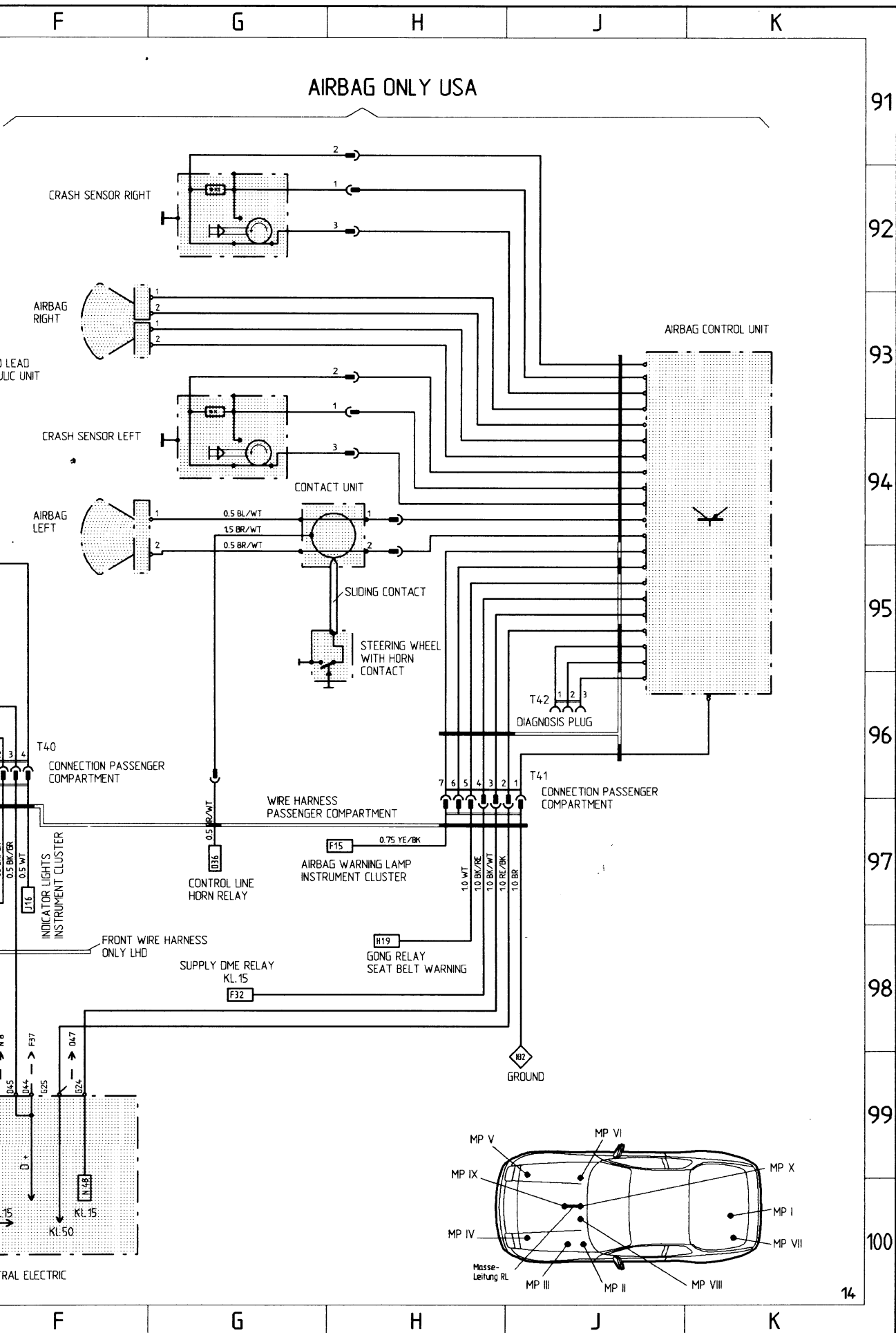
COORDINATES

91 - 100

# Wiring Diagram Type 944, 944 turbo, 944 S Model 88 pa

ABS, AIRBAG





91  
92  
93  
94  
95  
96  
97  
98  
99  
100

14

# Wiring Diagram Type 944, 944 turbo 944 S Model 88 page 15

CONSTR. COMPONENTS, PLUG CONNECTION,  
GROUND POINTS

# Wiring Diagram Type 944, 944 turbo, 944 S Model 88

CONSTR. COMPONENTS, PLUG CONNECTION, GROUND POINTS

		A	B	C	D	E
<b>CONSTRUCTION COMPONENTS</b>						
DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE	FIELD IN WIRE DIAGRAM		
	LHD	RHD				
ANTENNA AMPLIFIER	7cL	7cL	IN FOOTWELL, RIGHT SIDE	A/J/083		
OUTSIDE TEMP. SENSOR	6cN	6cN	IN HEATER BOX	A23		
THROTTLE RADIO	8cP	—	ONLY RADIO BERLIN UNDER THE STEERING COLUMN	M82		
THROTTLE AMPLIFIER	8cP	—	ONLY RADIO BERLIN UNDER THE STEERING COLUMN	L83		
RECEIVER AMPLIFIER	8cP	—	ONLY RADIO BERLIN UNDER THE STEERING COLUMN	N85		
HALL SENDER	14dD	14dD	ON GEARBOX	J14		
TAILGATE UNLOCKING	18cM	18cM	IN LUGGAGE COMPARTMENT AT END-PANEL	J15		
HIGH PRESSURE SWITCH	3dR	3dR	IN ENGINE COMPARTMENT LOW ON CONDENSER	A28		
HIGH PRESSURE AND LOW PRESSURE SWITCH	3dQ	3dQ	IN ENGINE COMPARTMENT AT DRIER CARTRIDGE	A25		
LIFTING ROOF MOTOR W. CONTROL RELAY, MICRO SWITCH	16dQ	16dQ	IN BOHLMANN COMPARTMENT	K36/37/38		
INSIDE TEMP. SENSOR BLOWER	8cM	8cP	IN CONTROL PANEL AREA	E21		
CONCEALED HEADLIGHT MOTOR	3cM	3cM	IN ENGINE COMPARTM. BEHIND RIGHT CONCEALED HEADL.	A9		
CRANKCASE VENTILATION HEATER	6cD	6cD	NOT 951/952 ENGINE COMPARTMENT	E44		
COOLING WATER TEMPERATURE SWITCH	2dP	2dP	ON RADIATOR	A29		
MICRO SWITCH ROOF CLOSED	10aD	10aD	IN ROOF	K40		
OIL PRESSURE SENDER AND SWITCH	3dP	3dP	ON ENGINE BLOCK	F47		
OIL LEVEL WARNING SWITCH	6eN	6eN	UNDER THE ENGINE ON OIL PAN	E44		
SWITCH POWER STEERING PUMP	3eN	3eN	944 4-VALVE, POWER STEER. TO P. STEERING PUMP	E47		
SWITCHING DEVICE, REDUCED DRIVING LIGHT	—	8cM	ON STEERING COLUMN	G1		
HEADLIGHT CLEANER PUMP	3dL	3dL	IN ENGINE COMPARTM. LOW ON WINDSH. WASHER TANK	A26		
DRIVE CRUISE CONTROL	6cL	6cL	ENGINE COMPARTMENT	L44		
CONTROL UNIT ABS	7cL	7cL	IN FOOTWELL, RIGHT SIDE	A96		
CONTROL UNIT AIRBAG	6cM	—	IN PASSENGER'S FOOTWELL	J94		
CONTROL UNIT ALARM SYSTEM	6dM	6dP	IN PASSENGER'S FOOTWELL	G33		
CONTROL UNIT DME	6dM	6dP	IN PASSENGER'S FOOTWELL	D47		
CONTROL UNIT KNOCK REGULATOR	6dM	6dP	ONLY 951/952 IN PASSENGER'S FOOTWELL	D44		
CONTROL UNIT CRUISE CONTROL	7cR	7cR	IN LEFT FOOTWELL	M45		
CONTROL UNIT CENTRAL LOCKS	8cP	8cM	UNDER THE STEERING COLUMN	B67		
TANK VENTING VALVE	6cQ	6cQ	ONLY 944 4-VALVE CAENGINE COMPARTMENT	A43		
TEMP. SWITCH TURBOCHARGER	4cD	4cD	ONLY 951/952 IN ENGINE COMP. NEAR TURBOCHARGER	E50		
BALLAST RESISTORS FOR FUEL INJECTORS	6cL	6cL	ONLY 944 4-VALVE ENGINE COMPARTMENT	D42		
WASHING FLUID PUMP	3cL	3cL	TOP OF EXPANSION TANK IN ENGINE COMPARTMENT	A26		
COOLANT TEMP. SWITCH AND SENDER	4dP	4dP	ON ENGINE BLOCK	E47		
WATER PUMP TURBO-CHARGER COOLING	4cP	4cP	ONLY 951/952 ENGINE COMPARTMENT	E42		
IGNITION FINAL STAGE	3dQ	3dQ	ONLY 944 4-VALVEENGINE COMPARTMENT	G46		

F	G	H	J	K	L
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### PLUG CONNECTIONS

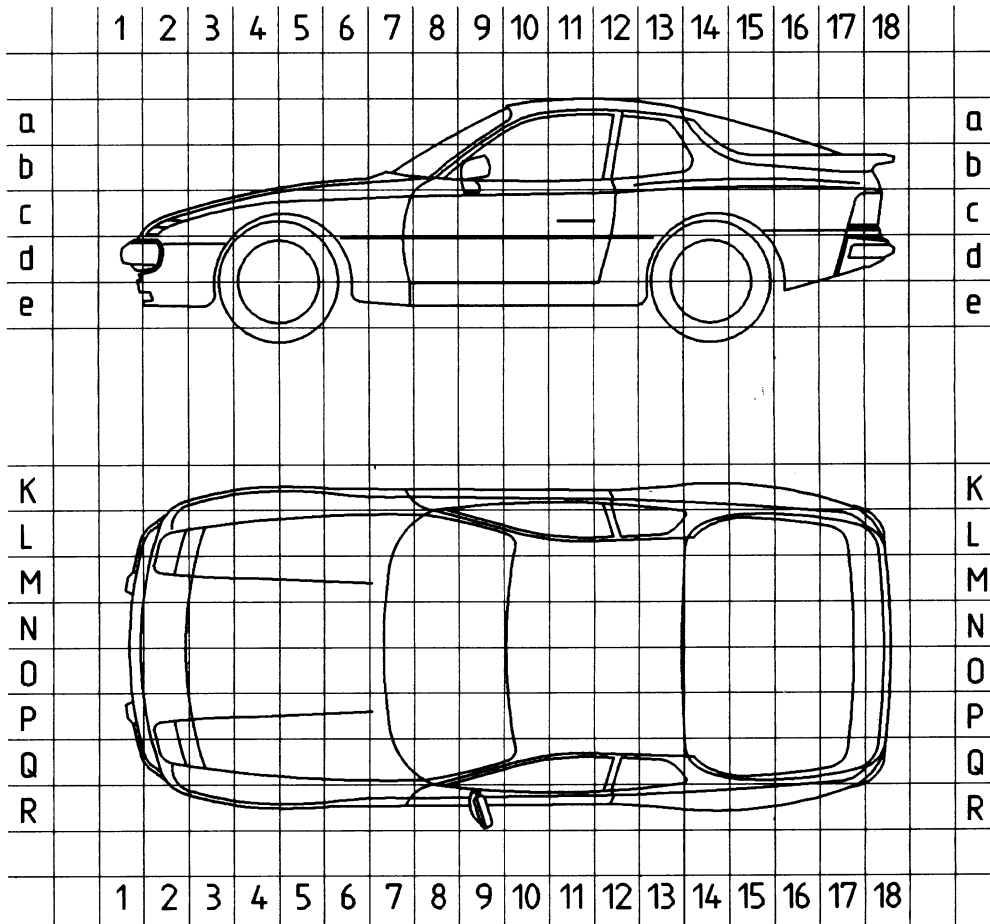
M	CODE	NUMBER OF PINS	DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE	FIELD IN WIRE DIAGRAM
				LHD	RHD		
	T1	8	WIRE HARNESS / PASSENGER COMPARTMENT	6dM	6dP	IN PASSENGER'S FOOTWELL	CD16, E46, F46
	T2	2	CONTACT BRIDGE REAR FOG LIGHT	7cQ	7cQ	UNDER THE CENTRAL ELECTRIC	L3
	T3	8	SWITCH RANGE INDICATOR / WH PASSENGER COMP.	9cD/N	9cD/N	IN CENTRE CONSOLE	GH12
	T4	2	BRAKE PAS WEAR CONTACT FRONT RIGHT / COMBINATION LEAD	5dL	5dL	LOW ON SHOCK ABSORBER	A14
	T5	2	COMB. LEAD RIGHT / WH FRONT (BVA)	6cL	6cL	ENGINE COMPARTMENT	A16
	T6	2	COMB. LEAD LEFT / WH FRONT (BVA)	6cQ	6cQ	ENGINE COMPARTMENT	A18
	T7	2	BRAKE PAS WEAR CONTACT FRONT LEFT / COMBINATION LEAD	5dQ	5dQ	LOW ON SHOCK ABSORBER	A19
	T8	2	BRAKE PAS WEAR CONTACT REAR RIGHT / COMBINATION LEAD	14dL	14dL	ON SEMI-TRAILING ARM	K13
	T9	2	COMB. LEAD RIGHT / WH PASSENGER COMP.	15dM	15dM	ABOVE DRIVE SHAFTS ON	K15
	T10	2	COMB. LEAD LEFT / WH PASSENGER COMP.	15dP	15dP	LUGGAGE COMPARTMENT PANEL	K17
	T11	2	BRAKE PAS WEAR CONTACT REAR LEFT / COMBINATION LEAD	14dQ	14dQ	ON SEMI-TRAILING ARM	K19
	T12	6	WH HEATER, AIR CONDITIONING, PASSENGER COMP.	7cD/N	7cD/N	IN CONTROL PANEL AREA	D23
	T13	6	WH PASSENGER COMPARTMENT / ENGINE HOOD	6bP	6bP	IN ENGINE HOOD	J27
	T14	8	POWER ADJUSTABLE SEAT RIGHT / WH PASSENGER COMPARTM.	11eM	11eM	LOW ON SEAT	L22
	T15	8	POWER ADJUSTABLE SEAT LEFT / WH PASSENGER COMPARTM.	11eP	11eP	LOW ON SEAT	N27
	T16	4	REAR WINDOW WIPER, HIGH MOUNTED STOP LIGHT / WH PASS. COMP.	14cQ	14cQ	BEHIND C-PILLAR	D23
	T17	4	CONTACT BRIDGE MIRROR SWITCH	9dD/N	9dD/N	IN CENTRE CONSOLE	B31/32
	T18	12	WH PASSENGER'S DOOR / WH PASSENGER COMP.	7dK	7dR	IN PASSENGER'S FOOTWELL	BC32, DKP87
	T19	14	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR	7dK	IN DRIVER'S FOOTWELL	BC34, AFL87
	T20	8	WIRE HARNESS SUN ROOF / PASSENGER COMPARTMENT	16dQ	16dQ	IN BOHLMANN COMPARTMENT	H38
	T21	14	WIRE HARNESS DME / WIRE HARNESS FRONT	6cP	6cP	ENGINE COMPARTMENT	F48/49
	T22	2	CODING PLUG / DME	6dM	6dP	IN PASSENGER'S FOOTWELL	D50, EF50
	T23	2	PLUG FOR DATA FIELD CODING / DME	6dM	6dP	IN PASSENGER'S FOOTWELL	A50, EF50
	T24	2	WH ALTERN. STARTER / WH FRONT	6cD	6cD	ENGINE COMPARTMENT	J43
	T25	5	DIAGNOSIS PLUG FOR IDLE SPEED POSITIONER	6cP	6cP	ONLY 944/951 ENGINE COMPARTMENT	AB44
	T26	12	DIAGNOSIS PLUG KNOCK REGULATOR	6dL	6dD	NOT 944, IN PASSENGER'S FOOTWELL	C41, D43
	T27	12	WH PASSENGER'S DOOR / WH PASSENGER COMP.	7dK	7dR	IN PASSENGER'S FOOTWELL	F64
	T27	12	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR	7dK	IN DRIVER'S FOOTWELL	F67
	T29	1	ANTENNA AMPLIFIER / WH PASSENGER COMP.	7cD	7cD	BEHIND THE RADIO	B82, H82, 082
	T30	2	THROTTLE FOR RADIO / OR CONTACT BRIDGE	8cP	—	UNDER THE STEERING COLUMN	D81, M82
	T31	2	THROTTLE FOR AMPLIFIER / OR CONTACT BRIDGE	8cP	—	UNDER THE STEERING COLUMN	D83, L83
	T32	2	WH ABS / COMBINATION LEAD FR	6cL	6cL	ENGINE COMPARTMENT	B98
	T33	2	WH ABS / COMBINATION LEAD FL	6cQ	6cQ	ENGINE COMPARTMENT	B98
	T34	2	WH ABS / COMBINATION LEAD RL	15dP	15dP	ABOVE DRIVE SHAFTS	B98
	T35	2	WH ABS / COMBINATION LEAD RR	15dM	15dM	ON LUGGAGE COMPARTMENT PANEL	B98
	T36	2	COMB. LEAD FR / ABS-SENSOR FR	5dL	5dL	LOW ON SHOCK ABSORBER	B98
	T37	2	COMB. LEAD FL / ABS-SENSOR FL	5dQ	5dQ	LOW ON SHOCK ABSORBER	B98
	T38	2	COMB. LEAD RL / ABS-SENSOR RL	14dQ	14dQ	ON SEMI-TRAILING ARM	B98
	T39	2	COMB. LEAD RR / ABS-SENSOR RR	14dL	14dL	ON SEMI-TRAILING ARM	B98
	T40	4	WH PASSENGER COMPARTMENT / WH ABS	6dM	6dM	IN FOOTWELL, RIGHT SIDE	F96
	T41	7	WH PASSENGER COMPARTMENT / WH AIRBAG	6dM	—	IN PASSENGER'S FOOTWELL	H97
	T42	3	DIAGNOSIS PLUG ARBAG	6cM	—	IN PASSENGER'S FOOTWELL	J96
	T43	2	MICRO SWITCH SUN ROOF / WH PASSENGER COMPARTMENT	10aD	10aD	IN ROOF	H40

a  
b  
c  
d  
e  
  
K  
L  
M  
N  
O  
P  
Q  
R

F	G	H	J	K	L
---	---	---	---	---	---

### GROUND POINTS

GRAM	CODE	DESIGNATION, FUNCTION	POSITION IN VEHICLE	
			LHD	RHD
	MP I	COVER PANEL	18c0	18c0
	MP II	INSIDE FIREWALL ELECTRONICS CHASSIS	7cP	7cP
	MP III	INSIDE FIREWALL CABLE TO GROUND	7cP	7cP
	MP IV	LONGITUDINAL SUPPORT	3dP	3dP
	MP V	LONGITUDINAL SUPPORT	3dM	3dM
	MP VI	BODY BATTERY LHD	6cL	—
	MP VII	BODY BATTERY RHD	—	16cQ
	MP VIII	ENGINE BLOCK DME ELECTRONICS CHASSIS	6cO	6cO
	MP IX	CLUTCH BELL HOUSING BATTERY LEAD LHD + DME CABLE TO GROUND	7cO	7cO
	MP X	BODY RHD FIREWALL	—	7cO



# Wiring Diagram Type 944, 944 turbo 944 S Model 89

Coordinates			
<b>Sheet 1</b>	1 - 10		Lights ROW/Opt. Equipm.
<b>Sheet 2</b>	1 - 10		Lights USA
<b>Sheet 3</b>	1 - 10		Lights RHD
<b>Sheet 4</b>	11 - 20		Instrument Cluster and Sender ROW
<b>Sheet 5</b>	11 - 20		Instrument Cluster and Sender USA Opt. Equipm.
<b>Sheet 6</b>	21 - 30		Heating, Airconditioning, Ventilating, Power Seats, Wipe- and Wash Cleaners
<b>Sheet 7</b>	31 - 40		Two-Tone Horns, Mirrors, Lifting Roof, Power Window Regulator, Tailgate Unlocking
<b>Sheet 8</b>	41 - 50		Engine Compartment, Cruise Control - 944
<b>Sheet 9</b>	41 - 50		Engine Compartment, Cruise Control - 944 Turbo
<b>Sheet 10</b>	41 - 50		Engine Compartment, Cruise Control 4-Valve Engine
<b>Sheet 11</b>	51 - 60		Central Electric
<b>Sheet 12</b>	61 - 70		Central Locks, Alarm System
<b>Sheet 13</b>	71 - 80		Fog Light, Rear Fog Light
<b>Sheet 14</b>	81 - 90		Radio
<b>Sheet 15</b>	91 - 100		ABS, Airbag
<b>Sheet 16</b>	101 - 110		Differing Cable Layout for LHD
<b>Sheet 17</b>	111 - 120		Differing Cable Layout for RHD
<b>Sheet 18</b>			Construction Components
<b>Sheet 19</b>			Plug Connections and Ground Points



# Wiring Diagram Type 944, 944 turbo 944 S Model 89

The wiring diagram consists of 17 individual wiring diagrams, 1 sheet construction components and 1 sheet plug connections and ground points. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted 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 moduled-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 89 Sheet 1

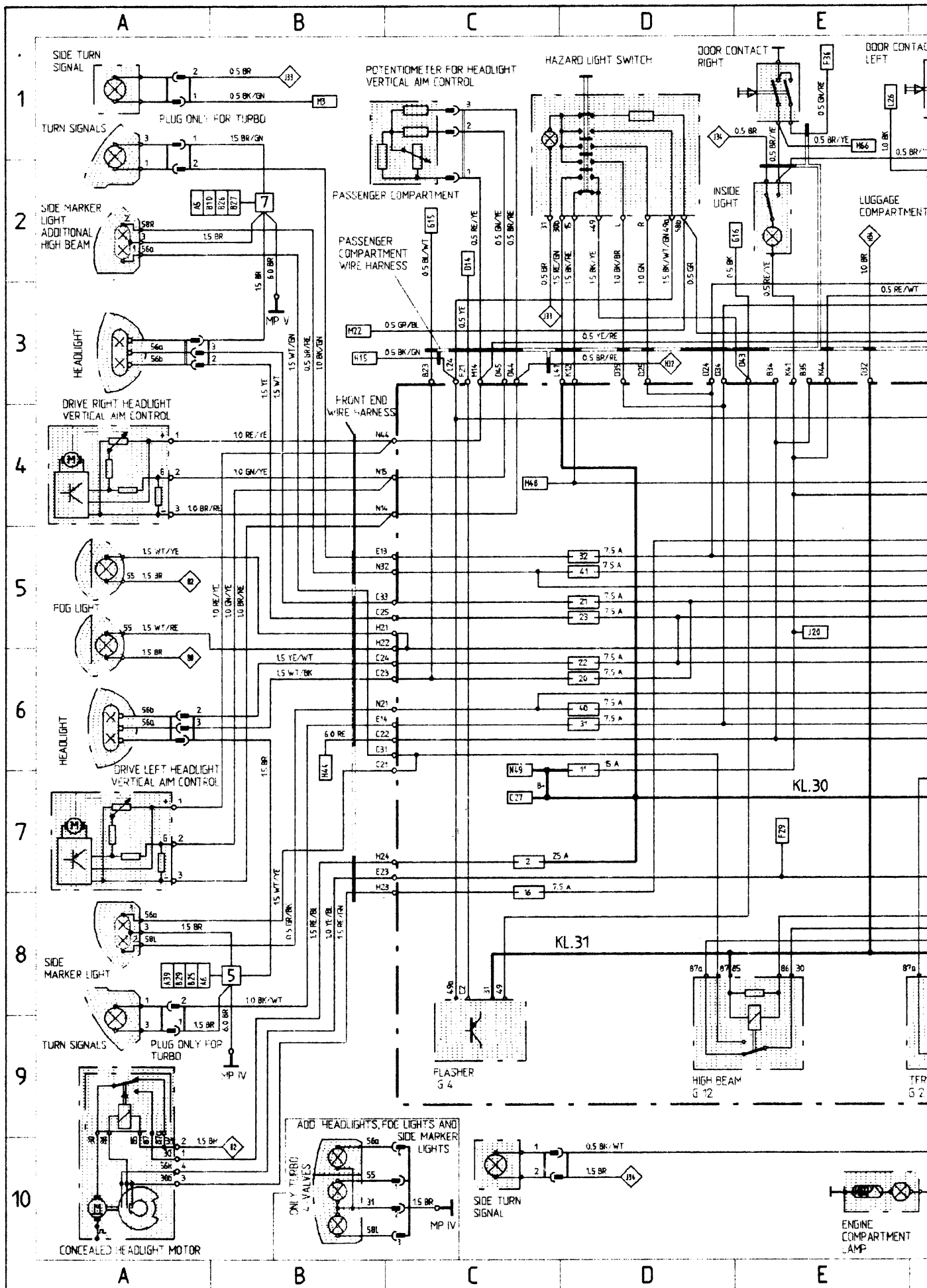
Lights Row/Opt. Equipm.

Coordinates

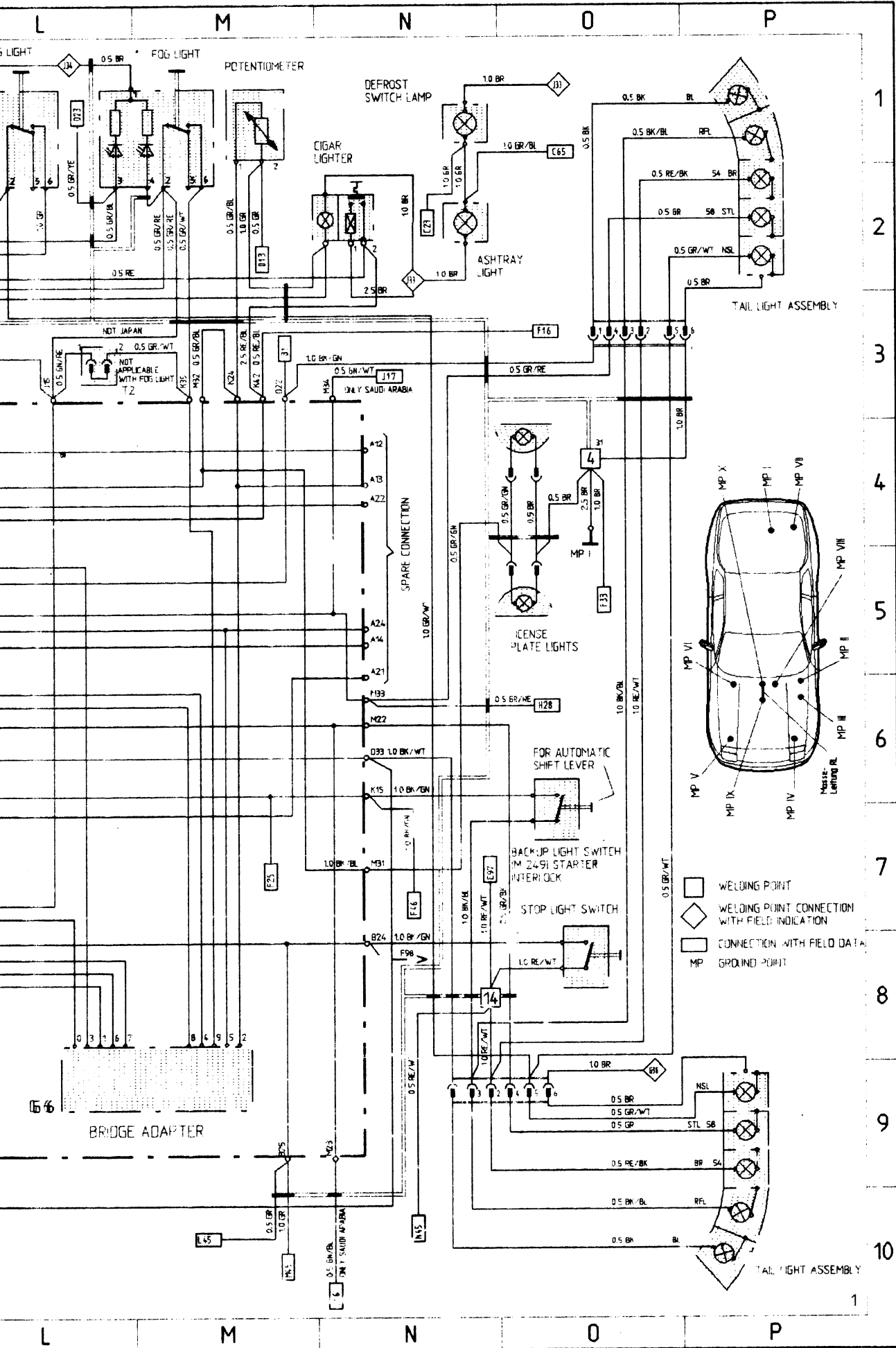
1 - 10

# Wiring Diagram Type 944, 944 Turbo, 944 S Model

LIGHTS ROW/OPT. EQUIPM.







# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 2**

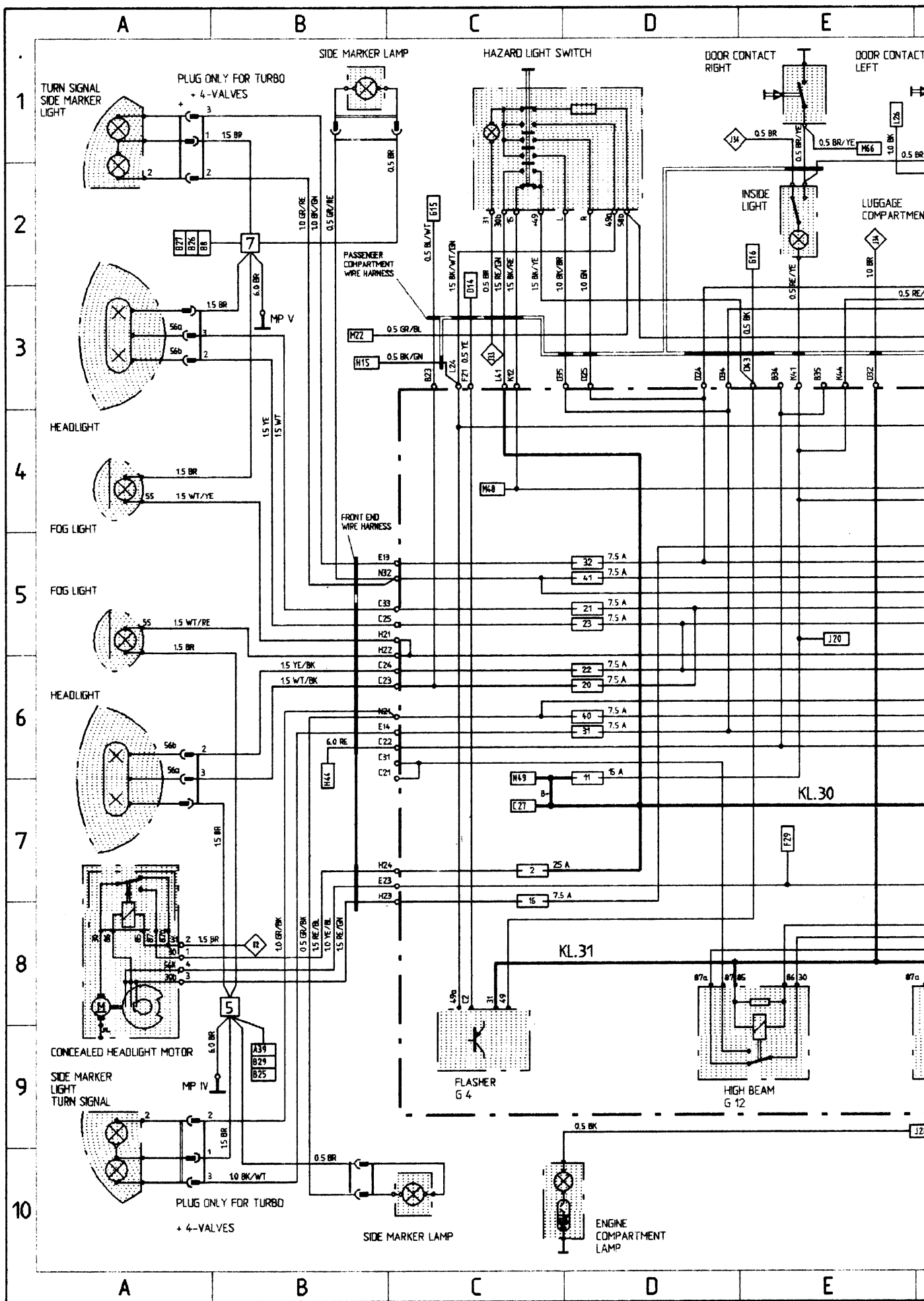
**Lights USA**

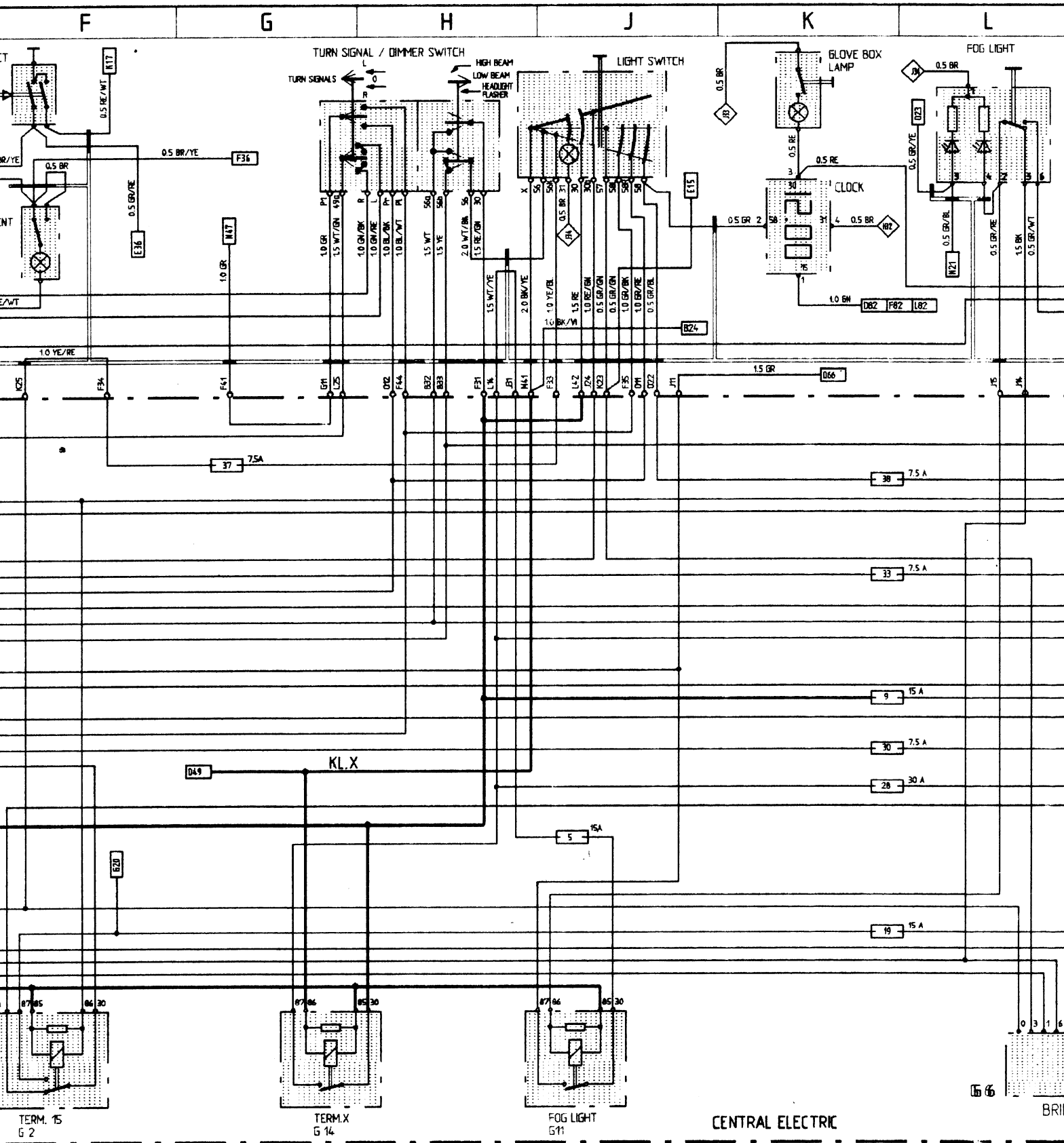
Coordinates

1 - 10

# Wiring Diagram Type 944, 944 Turbo, 944 S

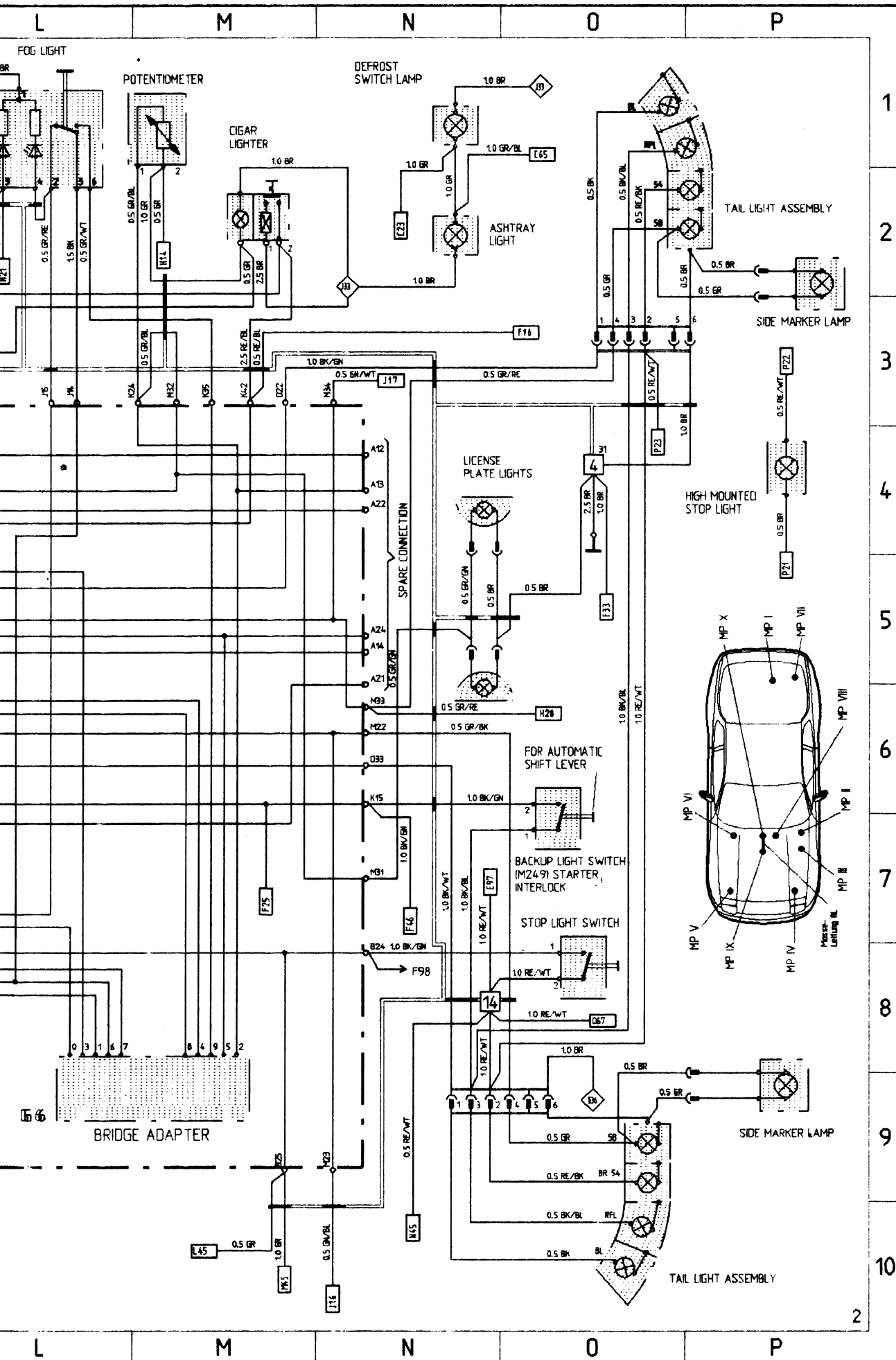
LIGHTS USA





- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- MP GROUND POINT





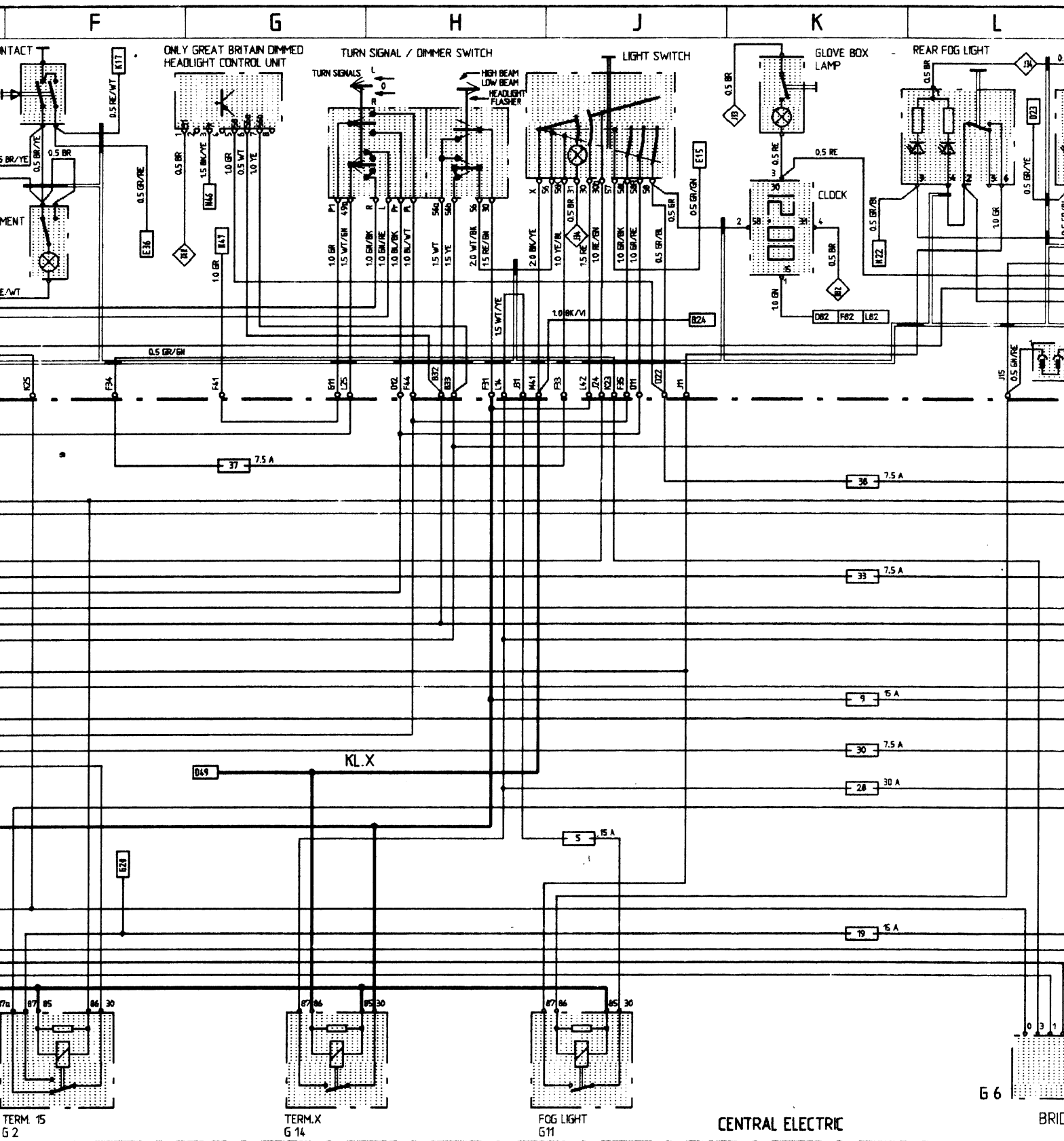
# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 3**

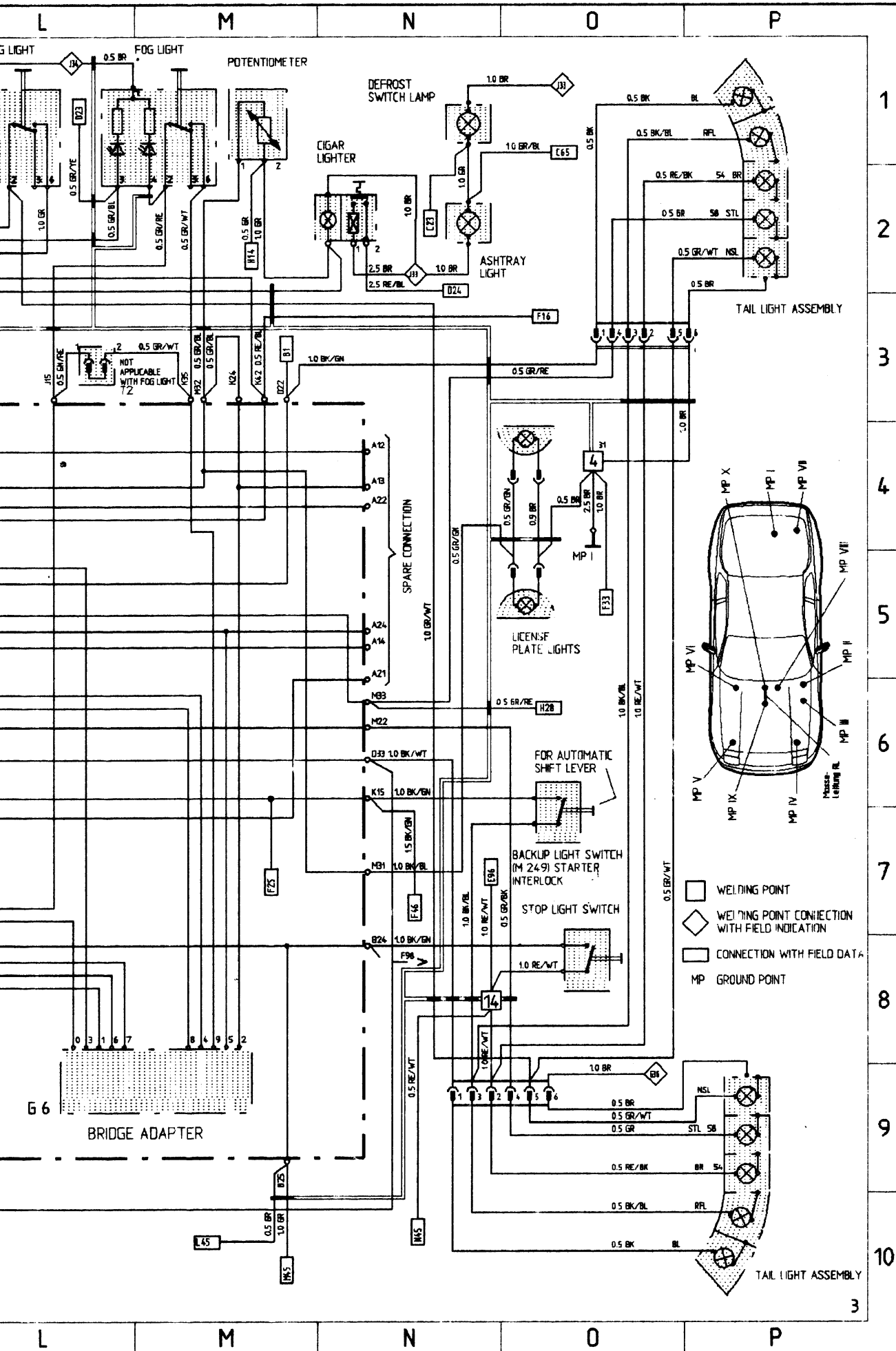
**Lights RHD**

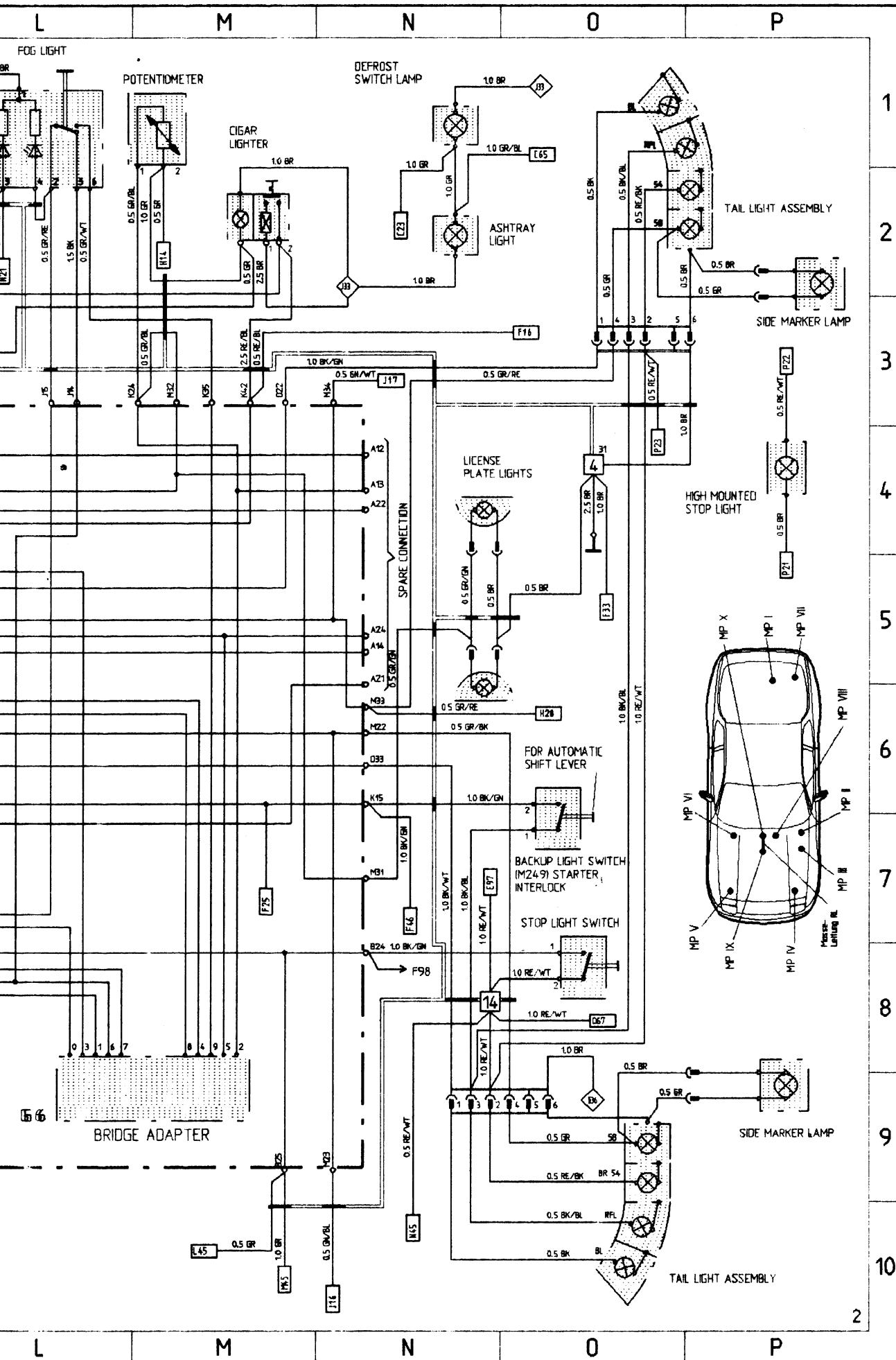
Coordinates

1 - 10









# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 4**

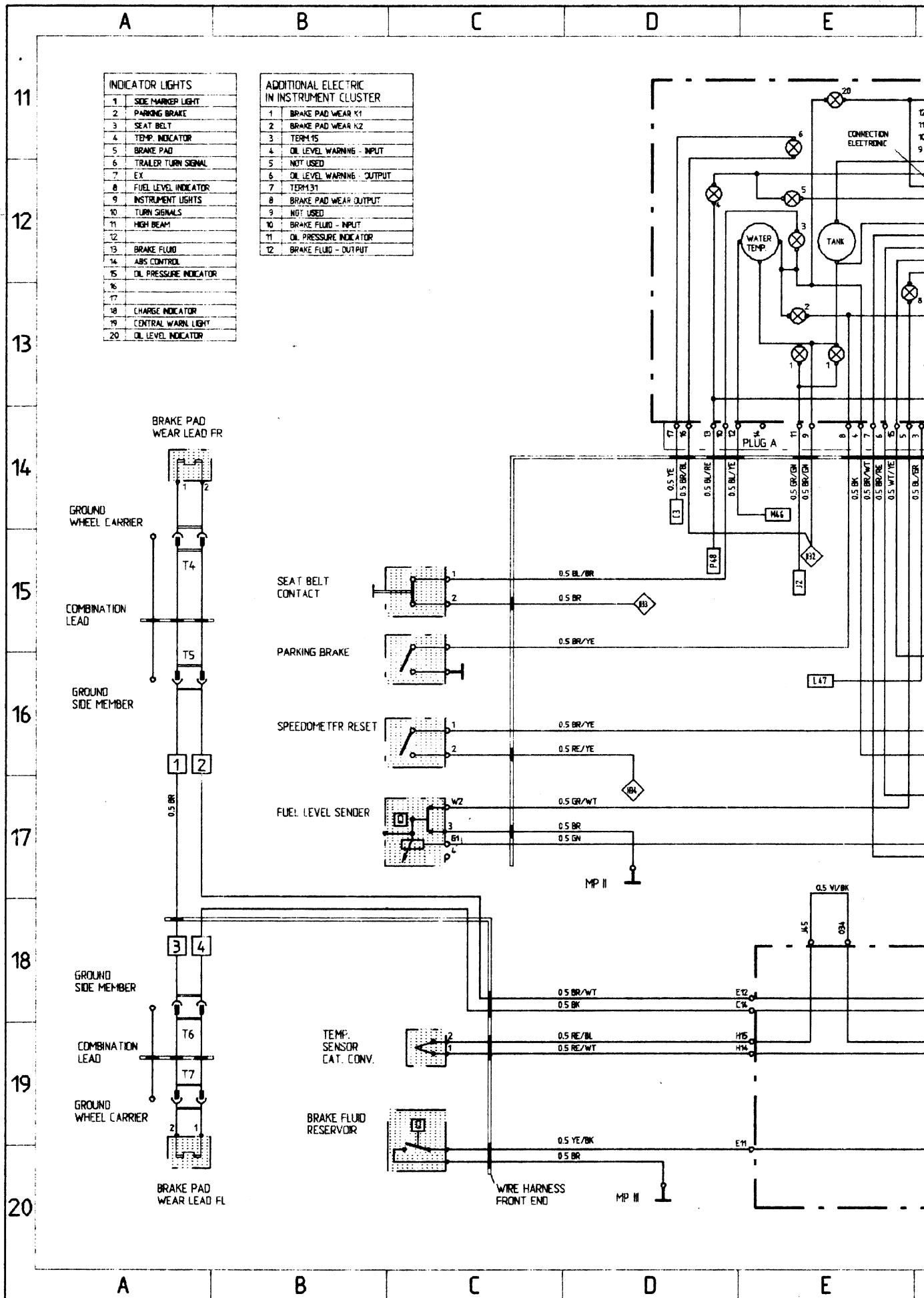
## **Instrument Cluster and Sender ROW**

Coordinates

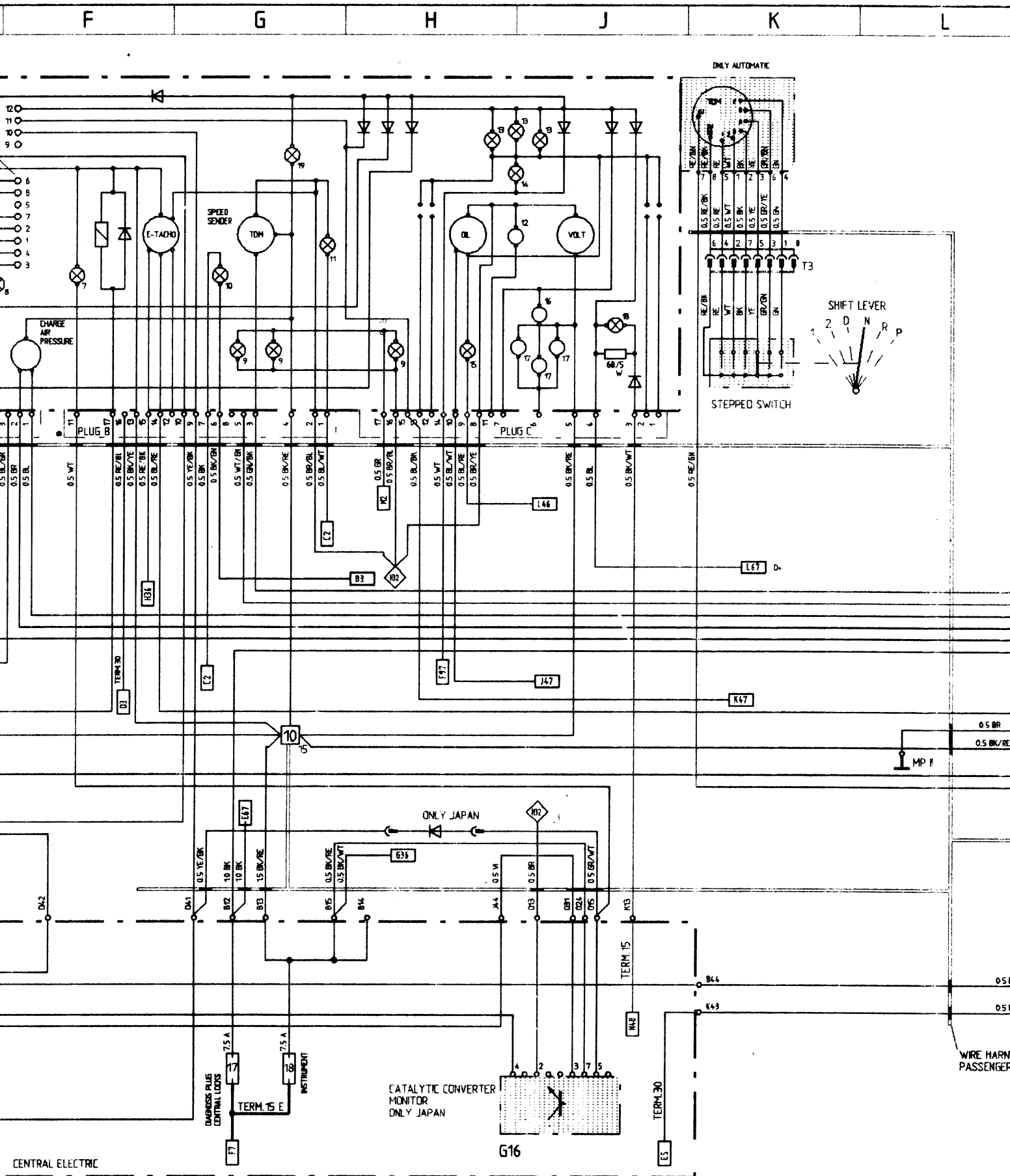
11 - 20

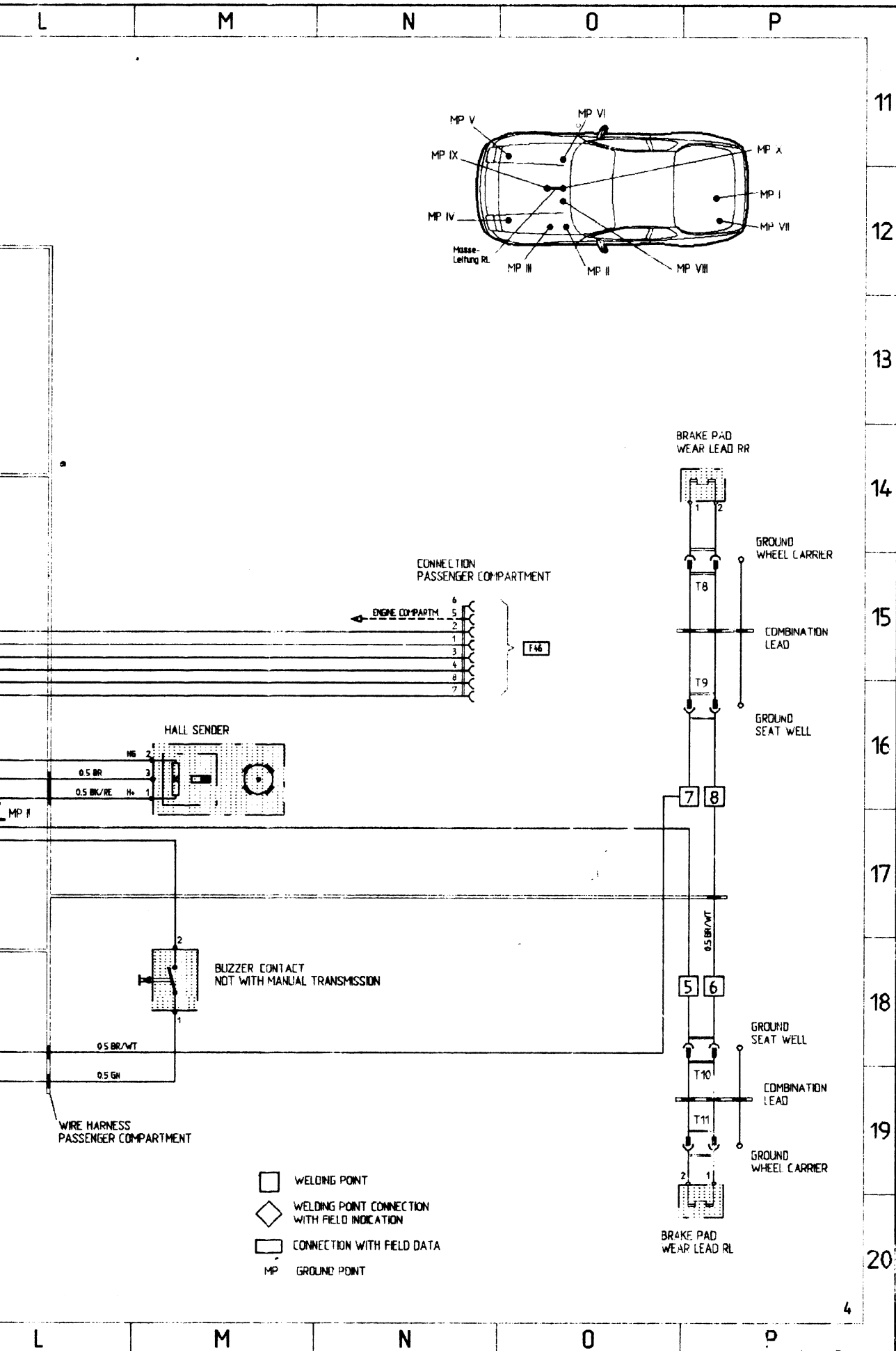
# Wiring Diagram Type 944, 944 Turbo, 944 S M

## INSTRUMENT CLUSTER AND SENDER ROW









# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 5**

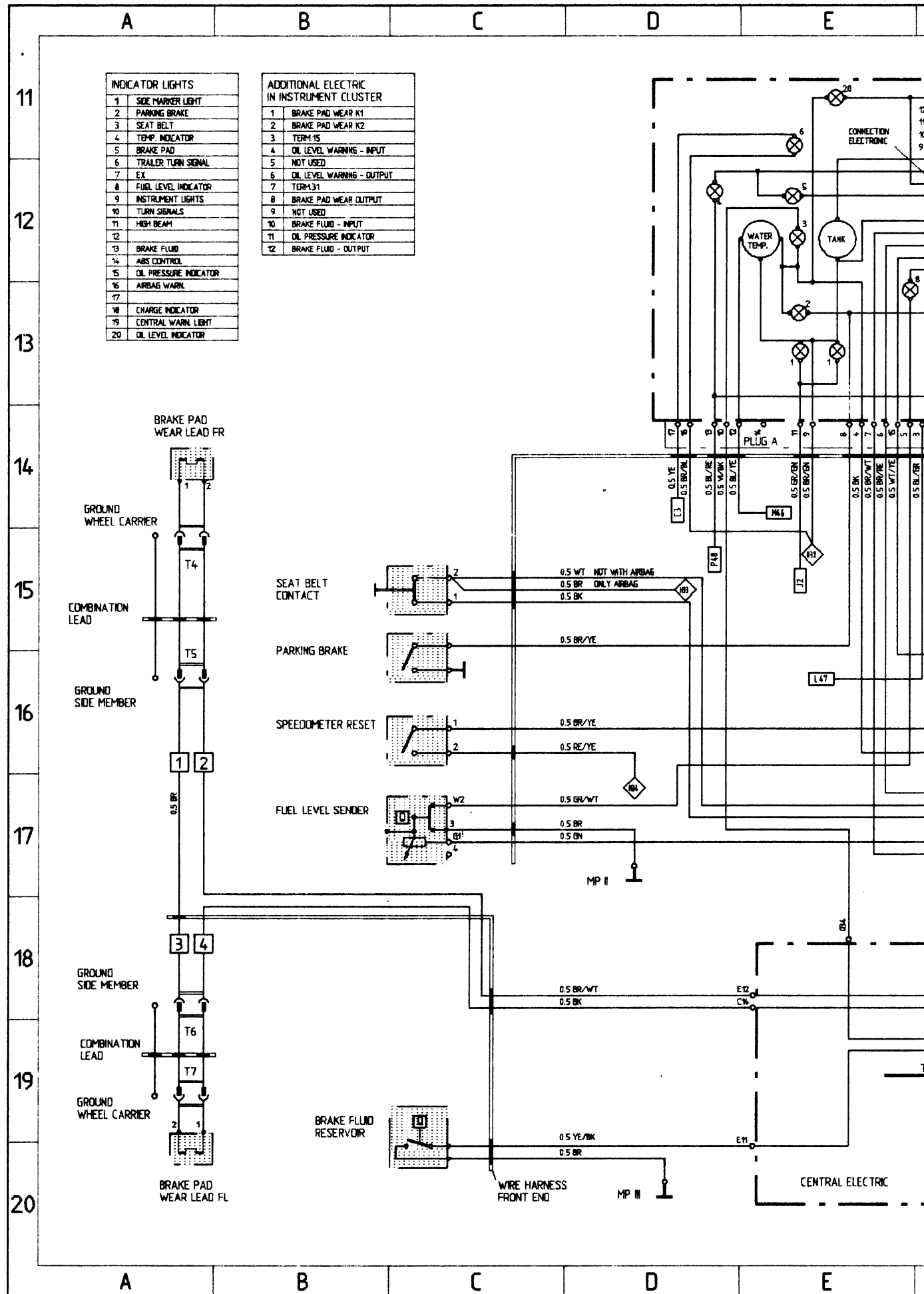
**Instrument Cluster and Sender USA Opt. Equipm.**

Coordinates

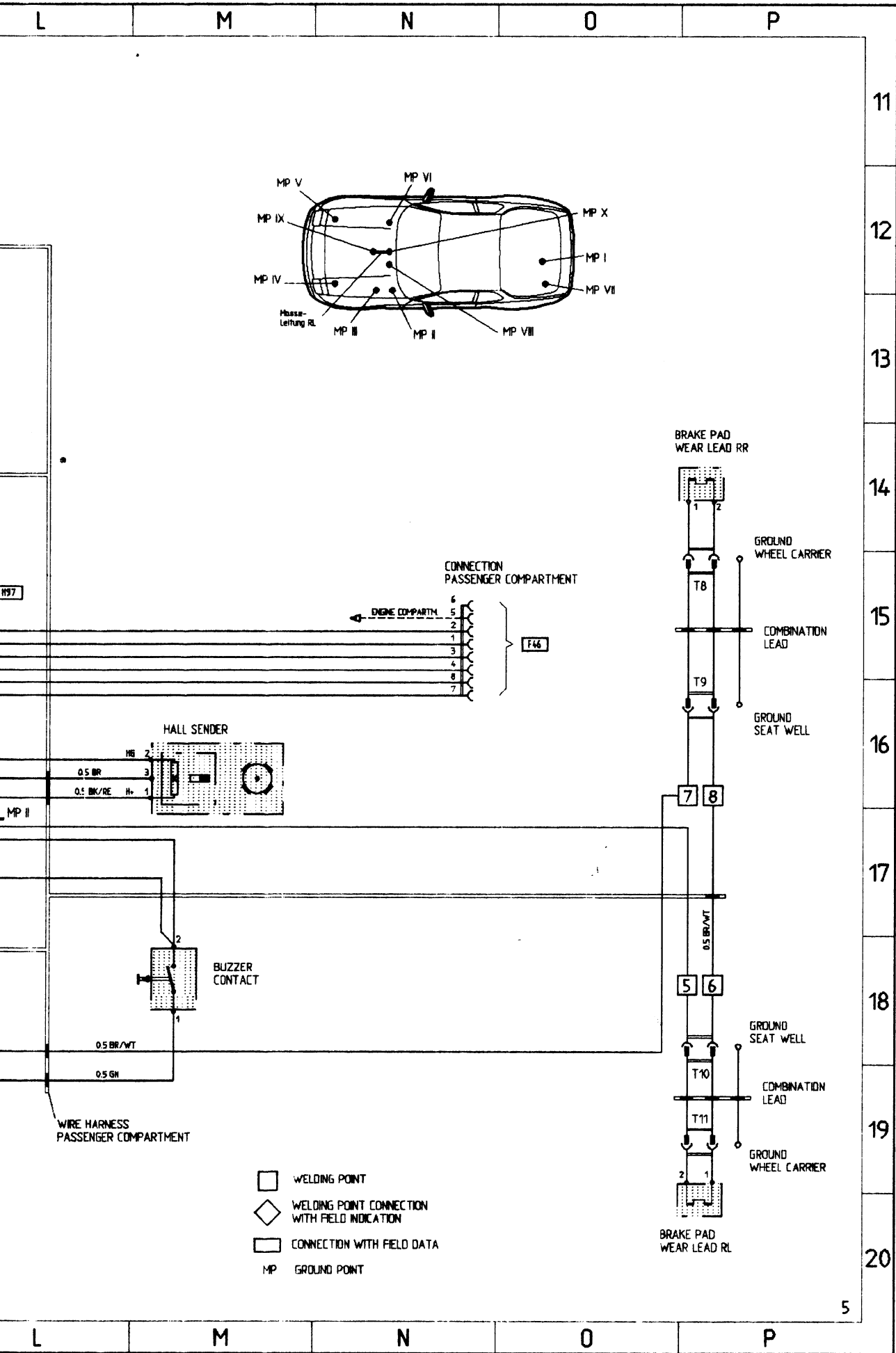
11 - 20

# Wiring Diagram Type 944, 944 Turbo, 944 S M

## INSTRUMENT CLUSTER AND SENDER USA / OPT.EQUIPM.







**Modifications in wiring diagram 944, 944 turbo, 944 S, model 89****Sheet 12, K 64**

Terminal 7 on the additional alarm system controller is not used. The wiring from terminal 7 to the isolation point T 27, Pin 2 has been dropped.

Please modify the wiring diagram accordingly.

# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 6**

**Heating, Airconditioning, Ventilating, Power Seats  
Wipe- and Wash Cleaners**

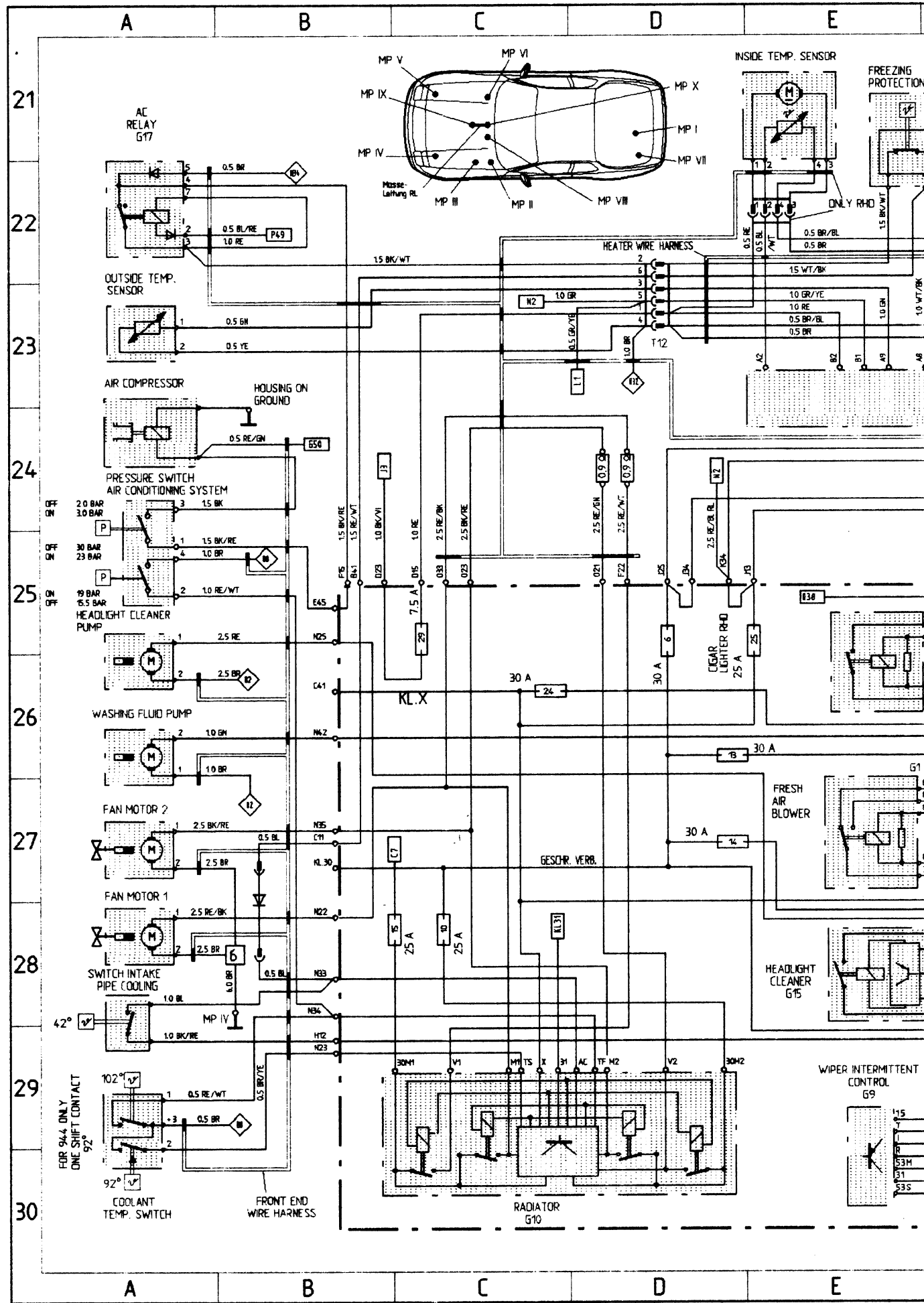
Coordinates

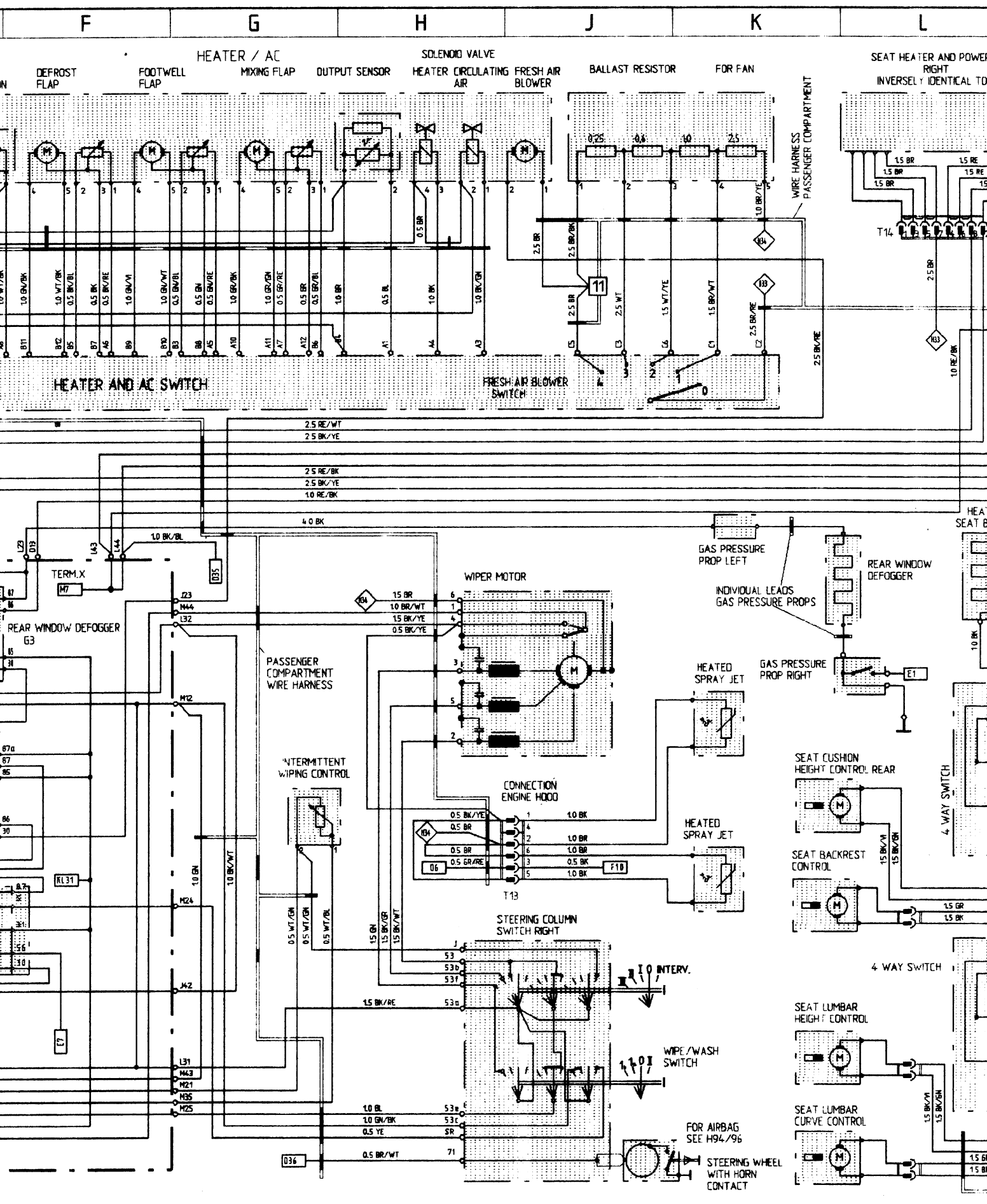
21 - 30



# Wiring Diagram Type 944, 944 Turbo, 944 S M

HEATING, AIR CONDITIONING, VENTILATING, POWER SEATS, WIPE- AND WASH CLEANERS







# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 7**

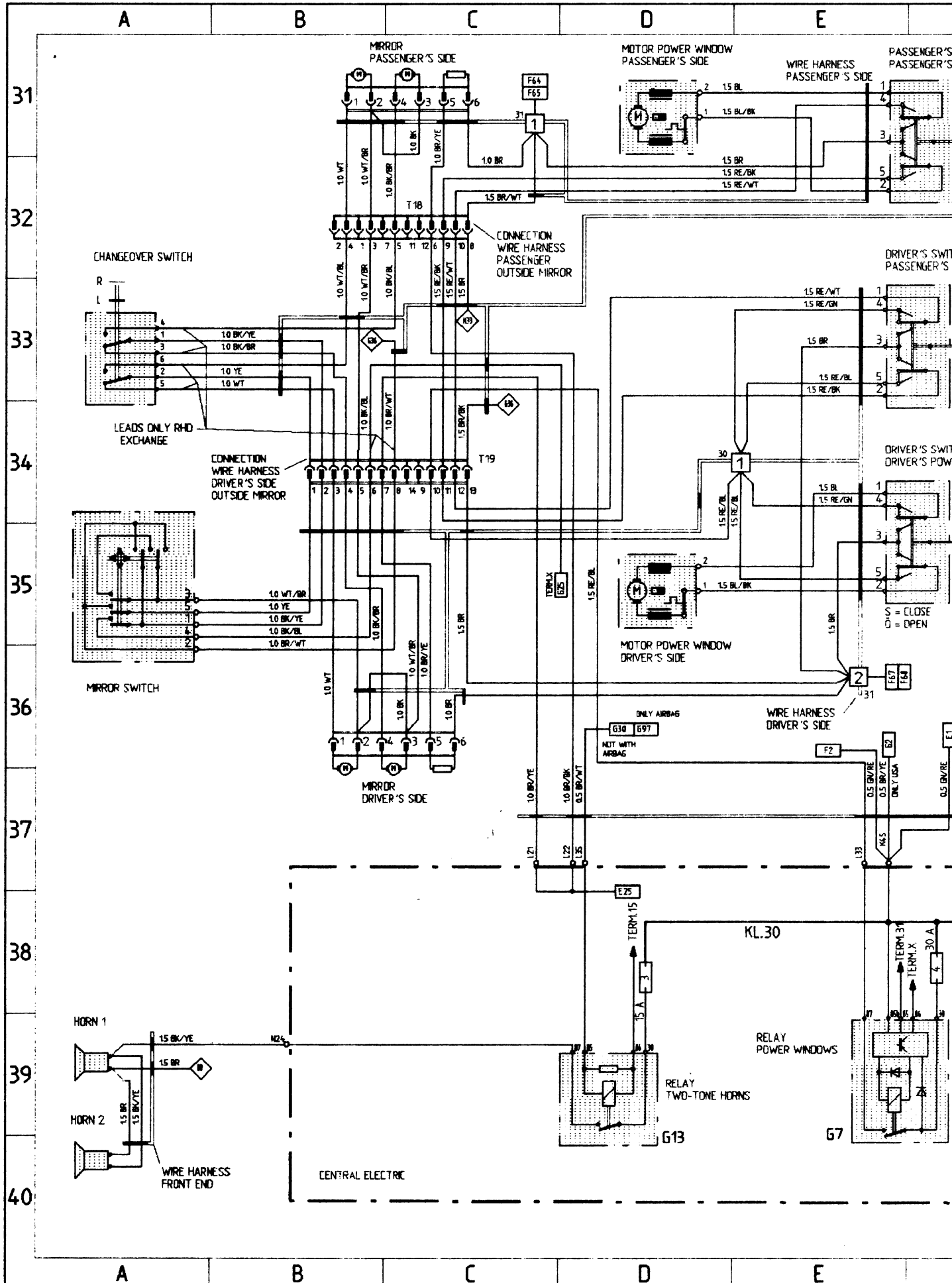
**Two-Tone Horns, Mirrors, Lifting Roof, Power Window Regulator  
Tailgate Unlocking**

Coordinates

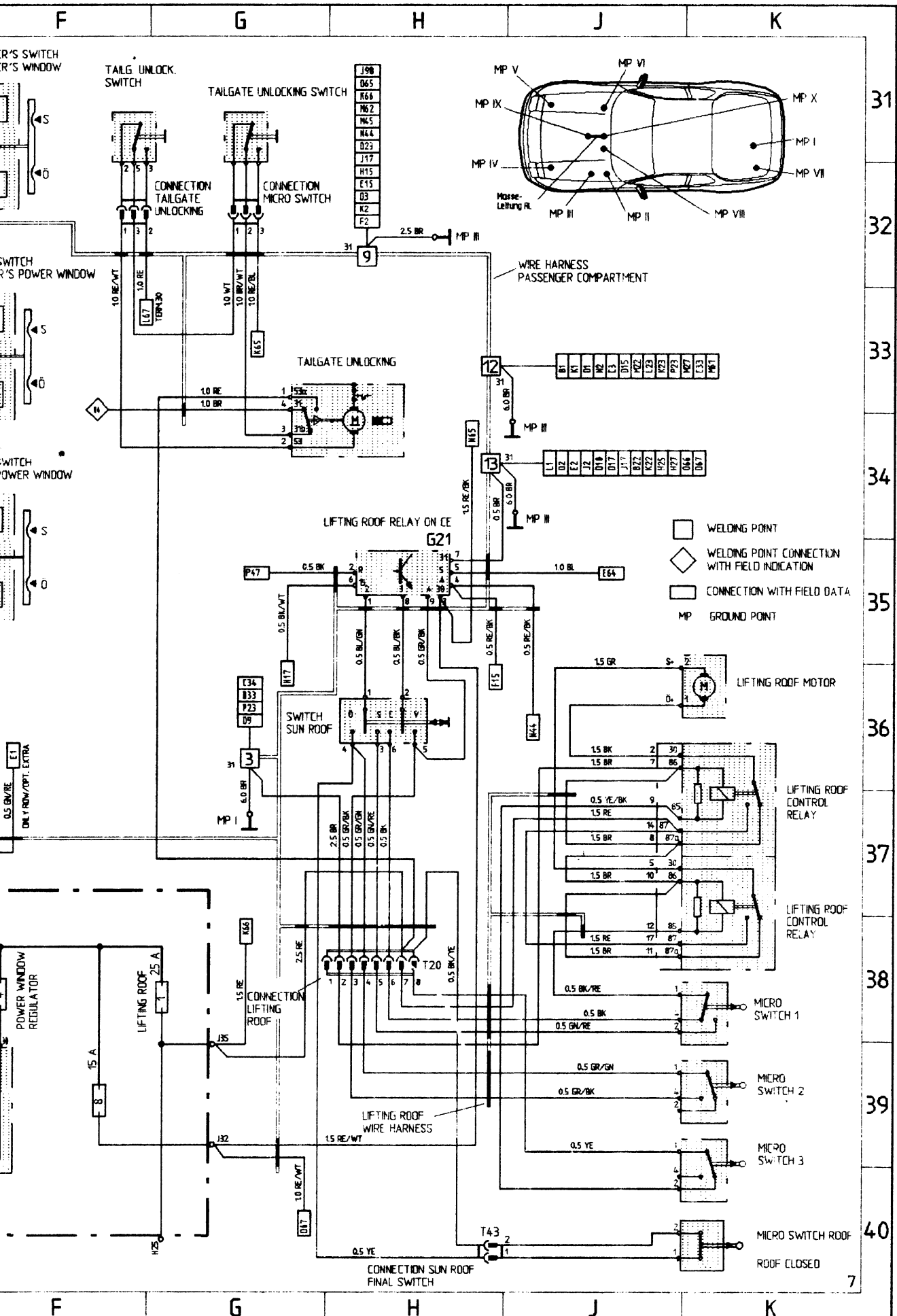
31 - 40

# Wiring Diagram Type 944, 944 Turbo, 944 S Mod

TWO-TONE HORNS, MIRRORS, LIFTING ROOF, POWER WINDOW REGULATOR, TAILGATE UNLOCKING



BK = BLACK WT = WHITE RE = RED



# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 8**

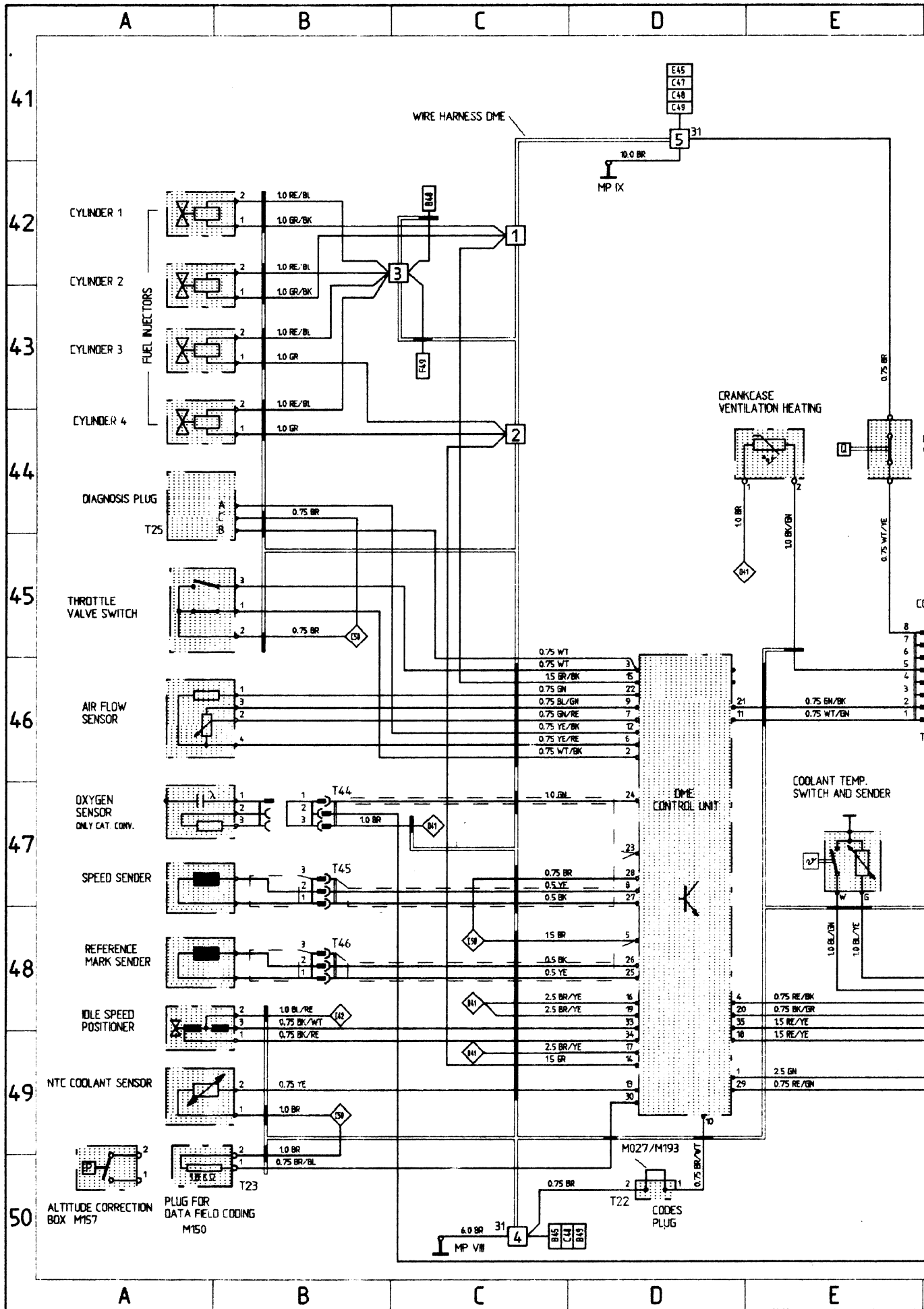
**Engine Compartment, Cruise Control – 944**

Coordinates

41 - 50

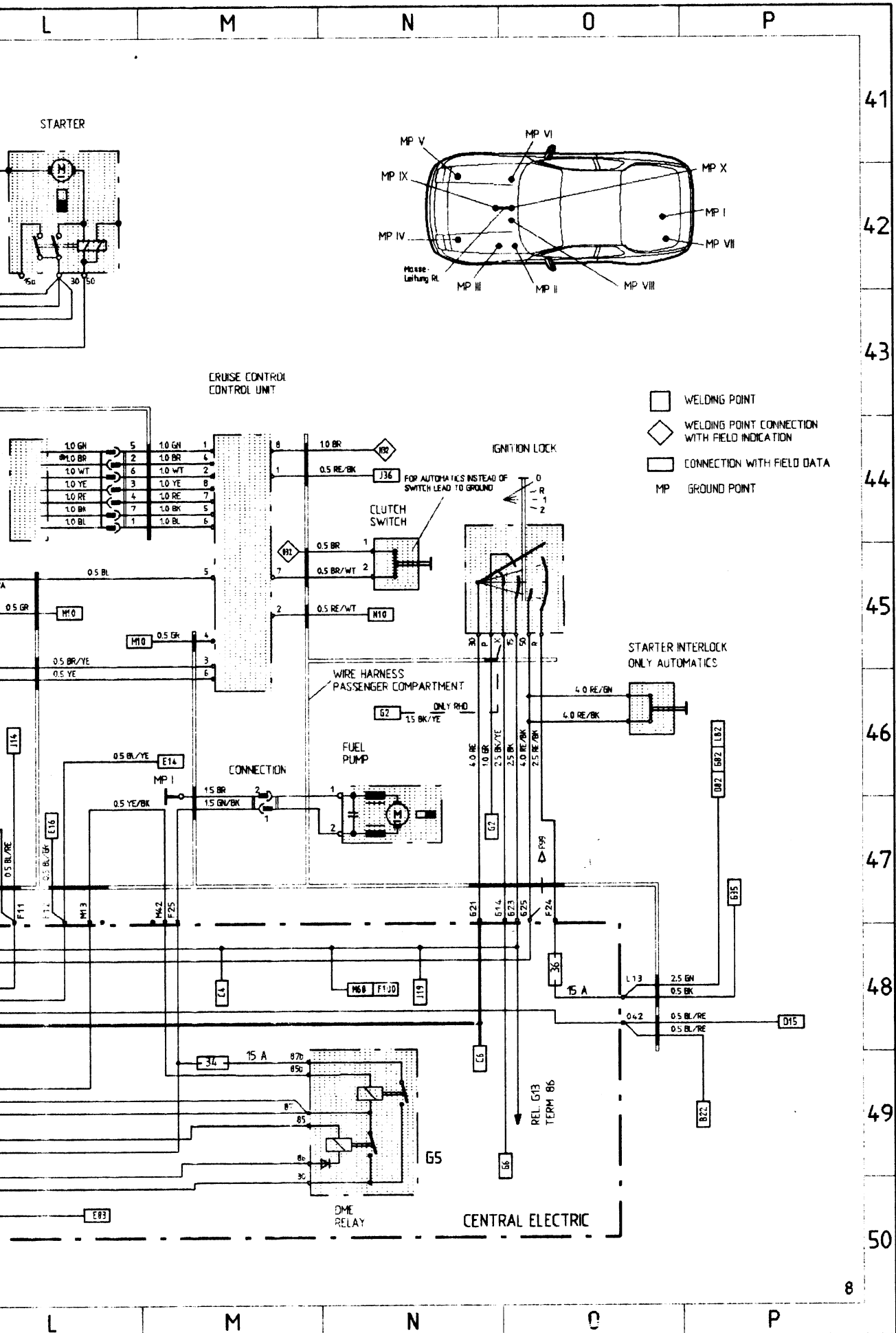
# Wiring Diagram Type 944 Model 89 Sheet 8

## ENGINE COMPARTMENT, CRUISE CONTROL - 944









# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 9**

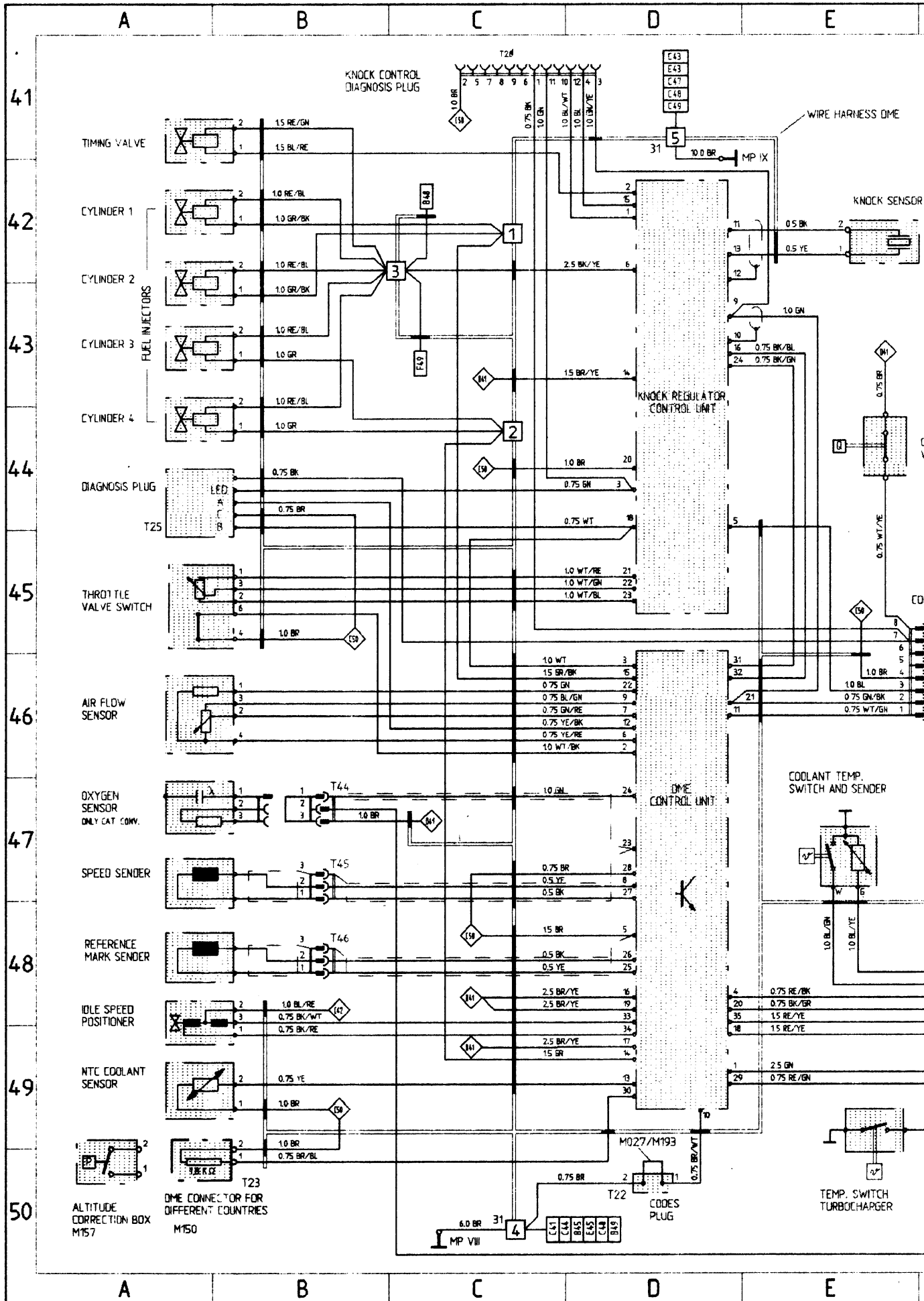
**Engine Compartment, Cruise Control – 944 Turbo**

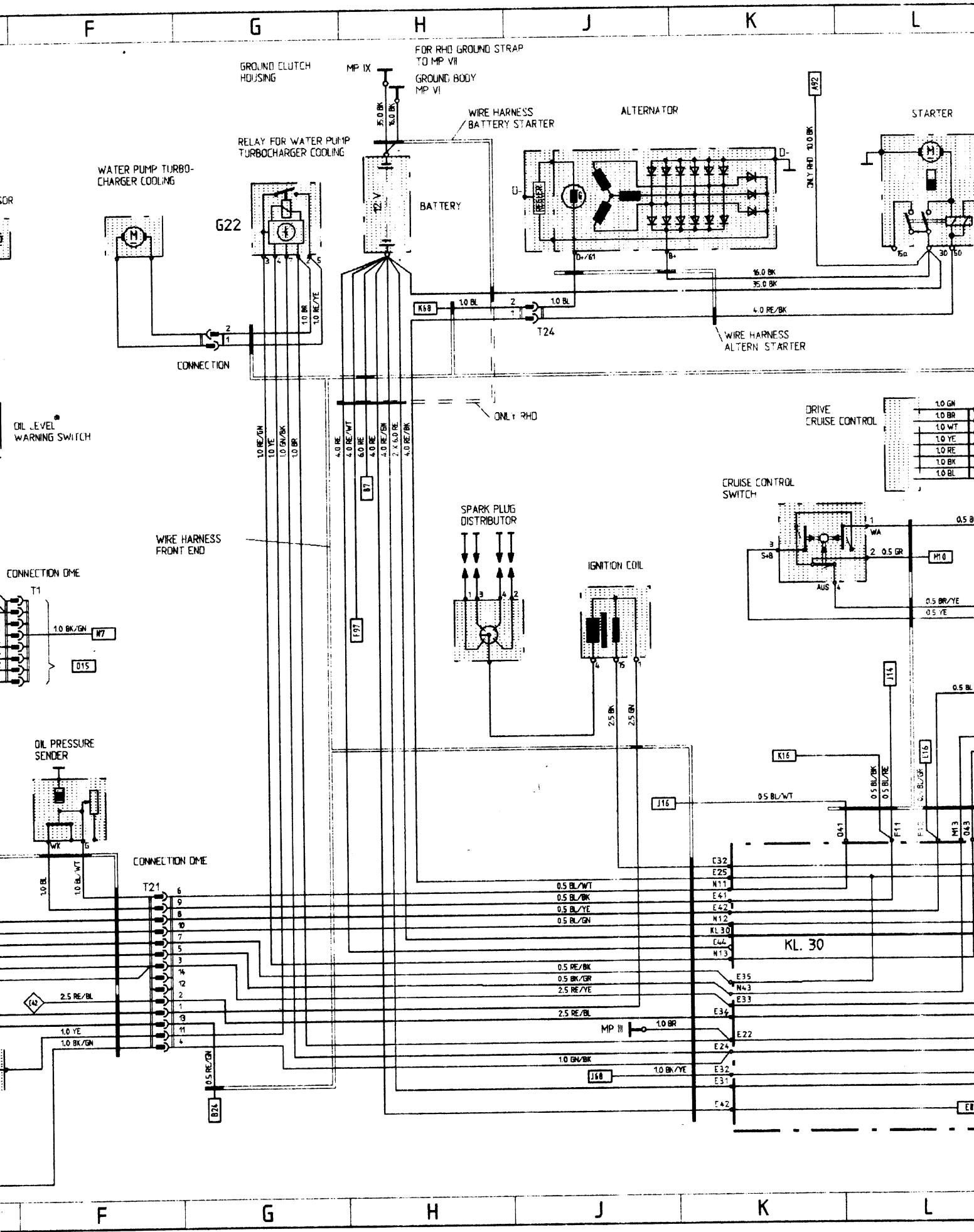
Coordinates

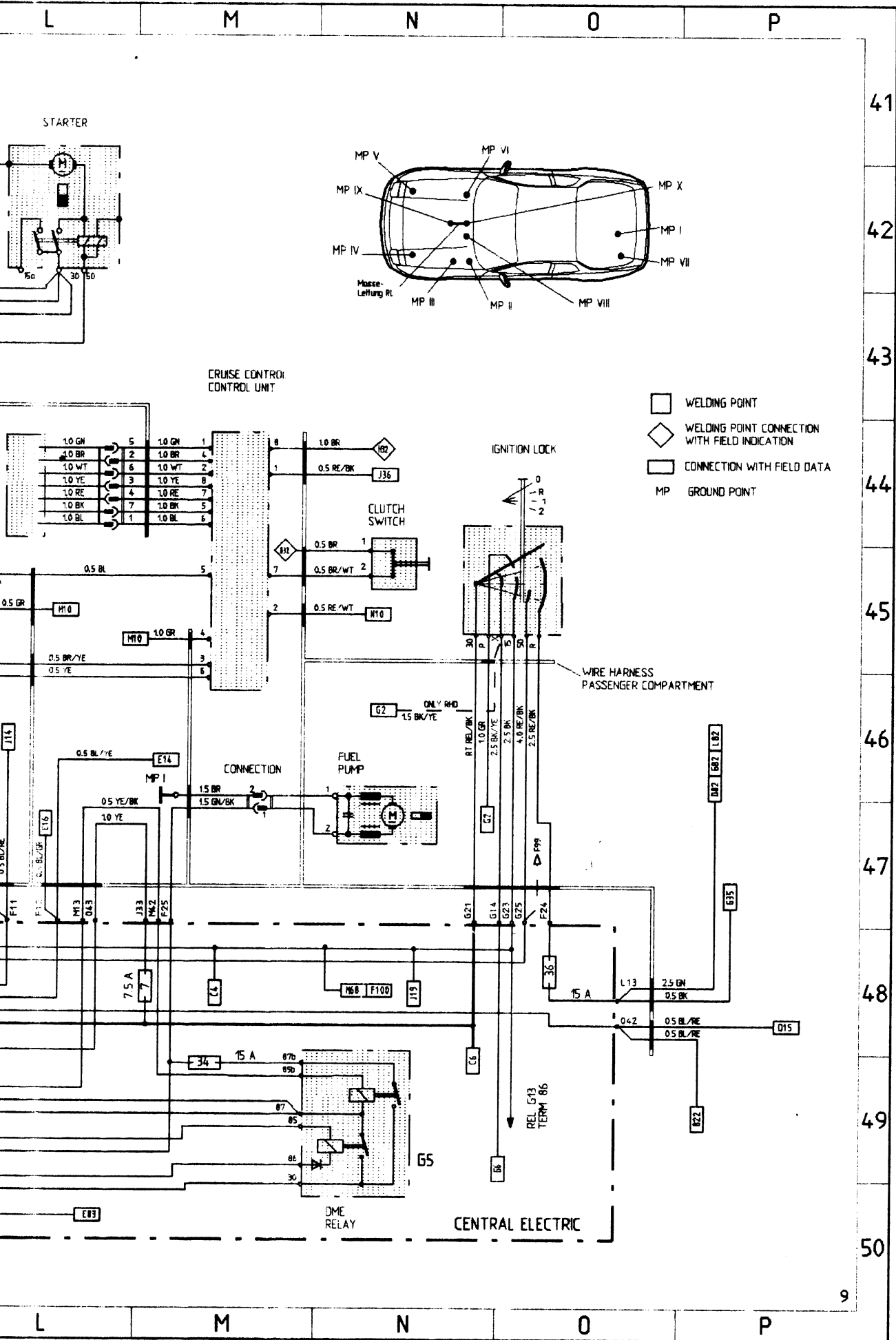
41 - 50

# Wiring Diagram Type 944 Turbo Model 89 She

## ENGINE COMPARTMENT, CRUISE CONTROL - 944 turbo







# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 10**

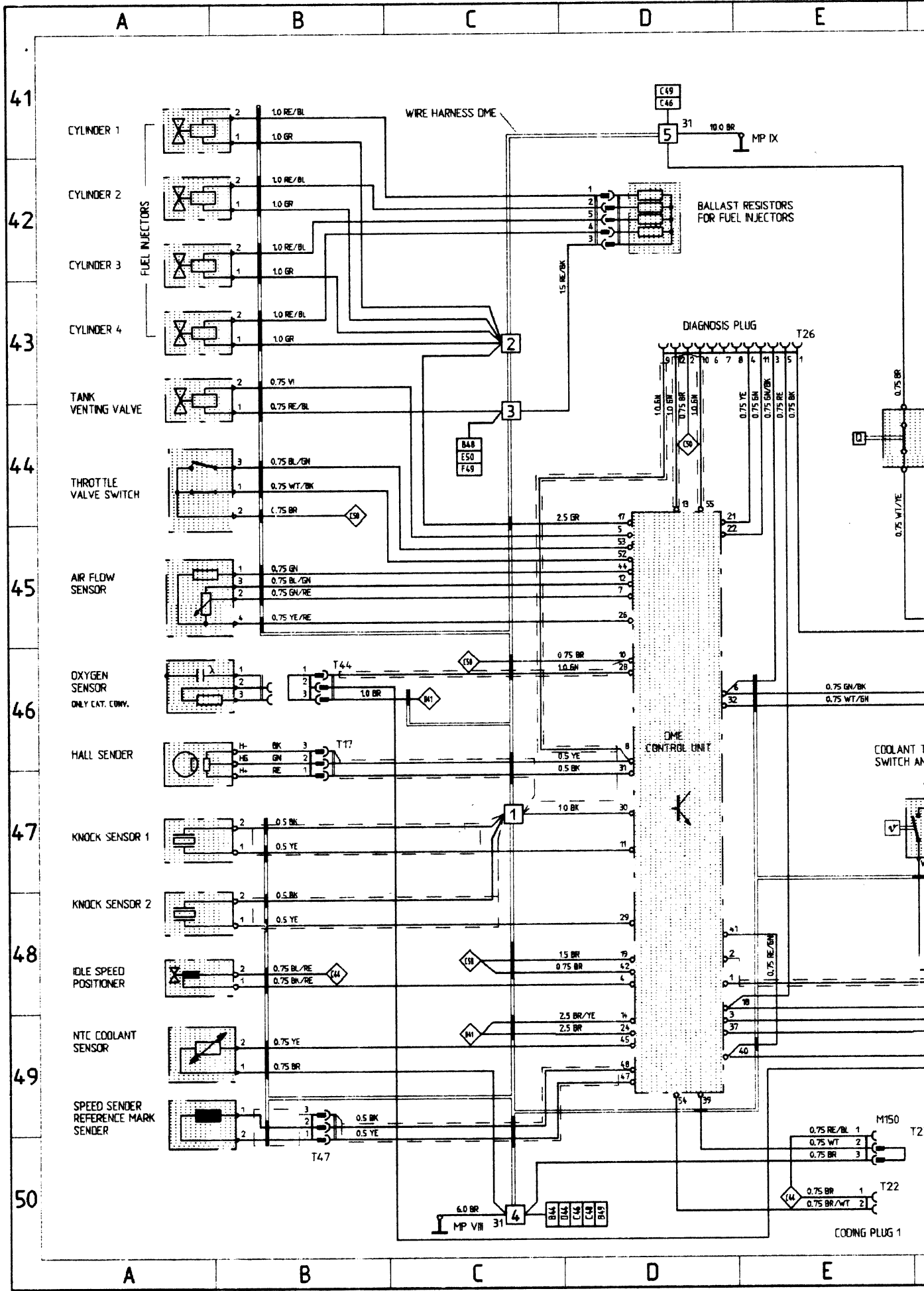
**Engine Compartment, Cruise Control 4-Valve Engine**

Coordinates

41 - 50

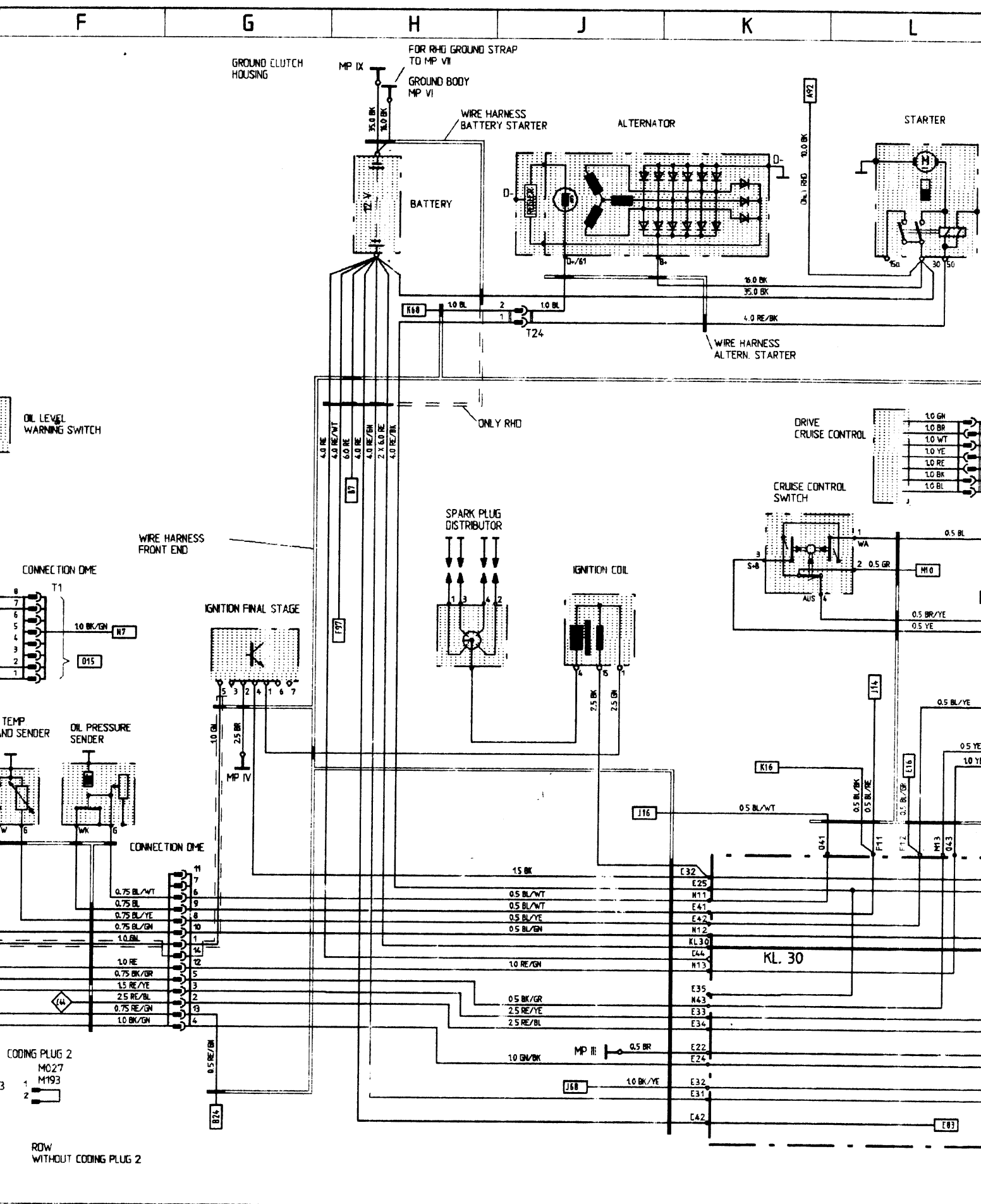
# Wiring Diagram Type 944 S Model 89 Sheet 10

## ENGINE COMPARTMENT, CRUISE CONTROL 4-VALVE ENGINE



BK = BLACK WT = WHITE





F                      G                      H                      J                      K                      L

GROUND CLUTCH HOUSING

MP IX  
35.0 BK  
8.0 BK  
FOR RHD GROUND STRAP TO MP VI  
GROUND BODY MP VI

WIRE HARNESS BATTERY STARTER

ALTERNATOR

STARTER

12 V  
BATTERY

F58

1.0 BL

2

1.0 BL

1

T24

16.0 BK  
35.0 BK  
4.0 RE/BK  
WIRE HARNESS ALTERN. STARTER

F92

0N.1 RHD 10.0 BK

OIL LEVEL WARNING SWITCH

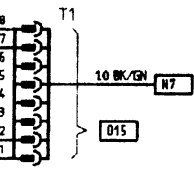
WIRE HARNESS FRONT END

ONLY RHD

DRIVE CRUISE CONTROL

CRUISE CONTROL SWITCH

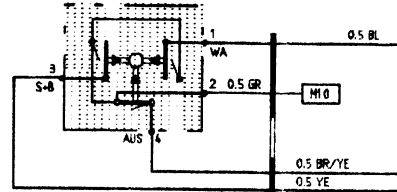
CONNECTION DME



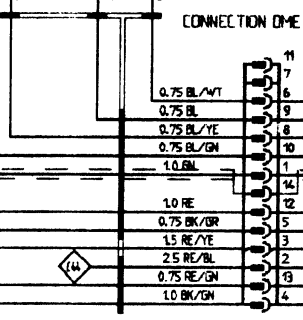
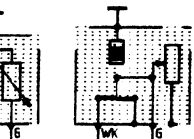
IGNITION FINAL STAGE

SPARK PLUG DISTRIBUTOR

IGNITION COIL



TEMP AND SENDER



MP IV

2.5 BK

2.5 BK

2.5 GN

J16

K16

0.5 BL/WT

0.5 BK/BK

0.5 BL/YE

0.5 BL/GR

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

0.5 BL/WT

CODING PLUG 2  
M027  
1 M193  
2

B24

MP III

0.5 BR

1.0 BK/YE

J58

C32

E25

N11

E41

E42

N12

KL30

C44

H13

E35

N43

E33

E34

E22

E24

E32

E31

C42

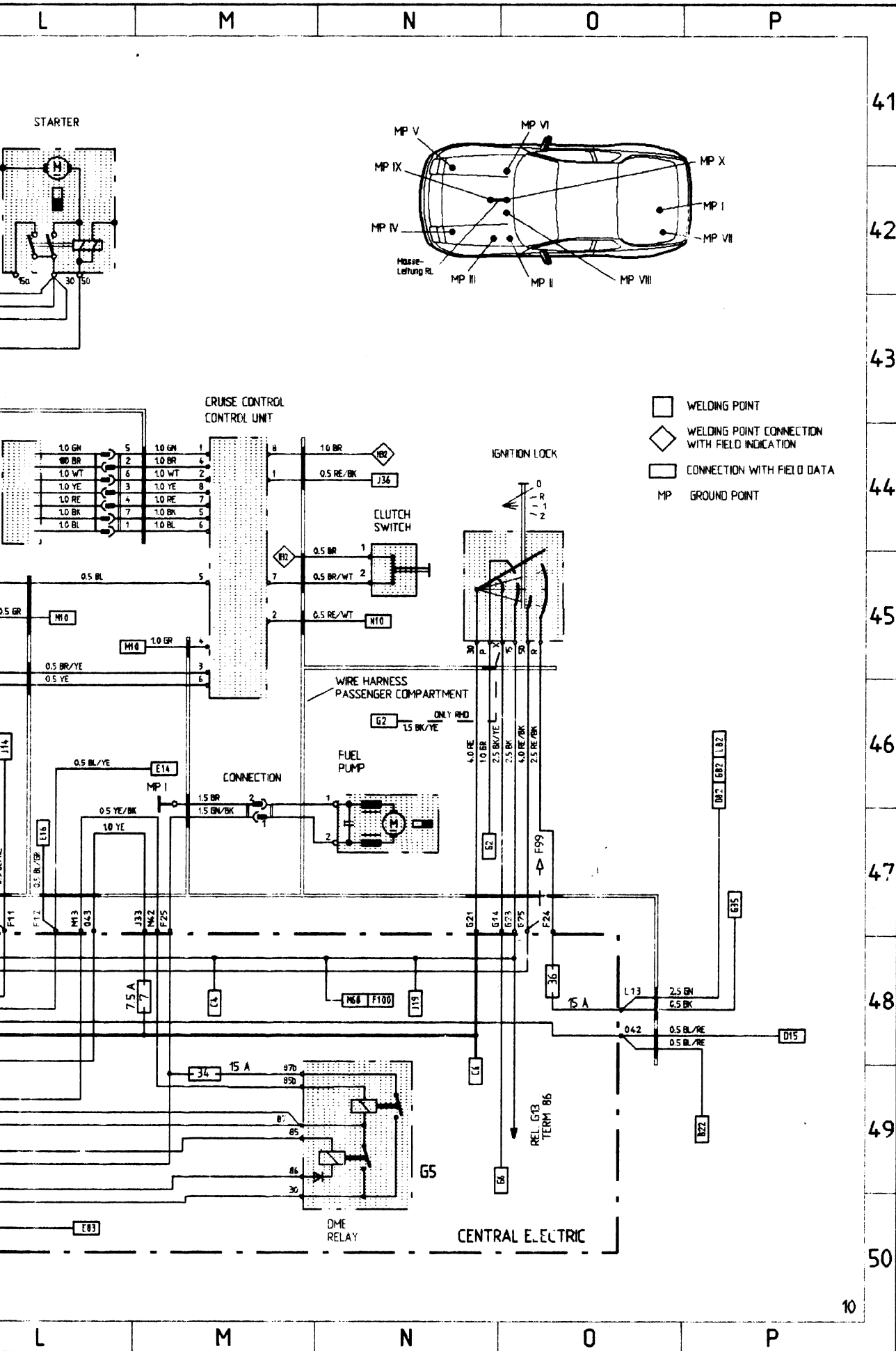
KL. 30

E03

F                      G                      H                      J                      K                      L

RE = RED      GN = GREEN      YE = YELLOW      GR = GREY      BR = BROWN      BL = BLUE      VI = VIOLET

ROW WITHOUT CODING PLUG 2



# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 11**

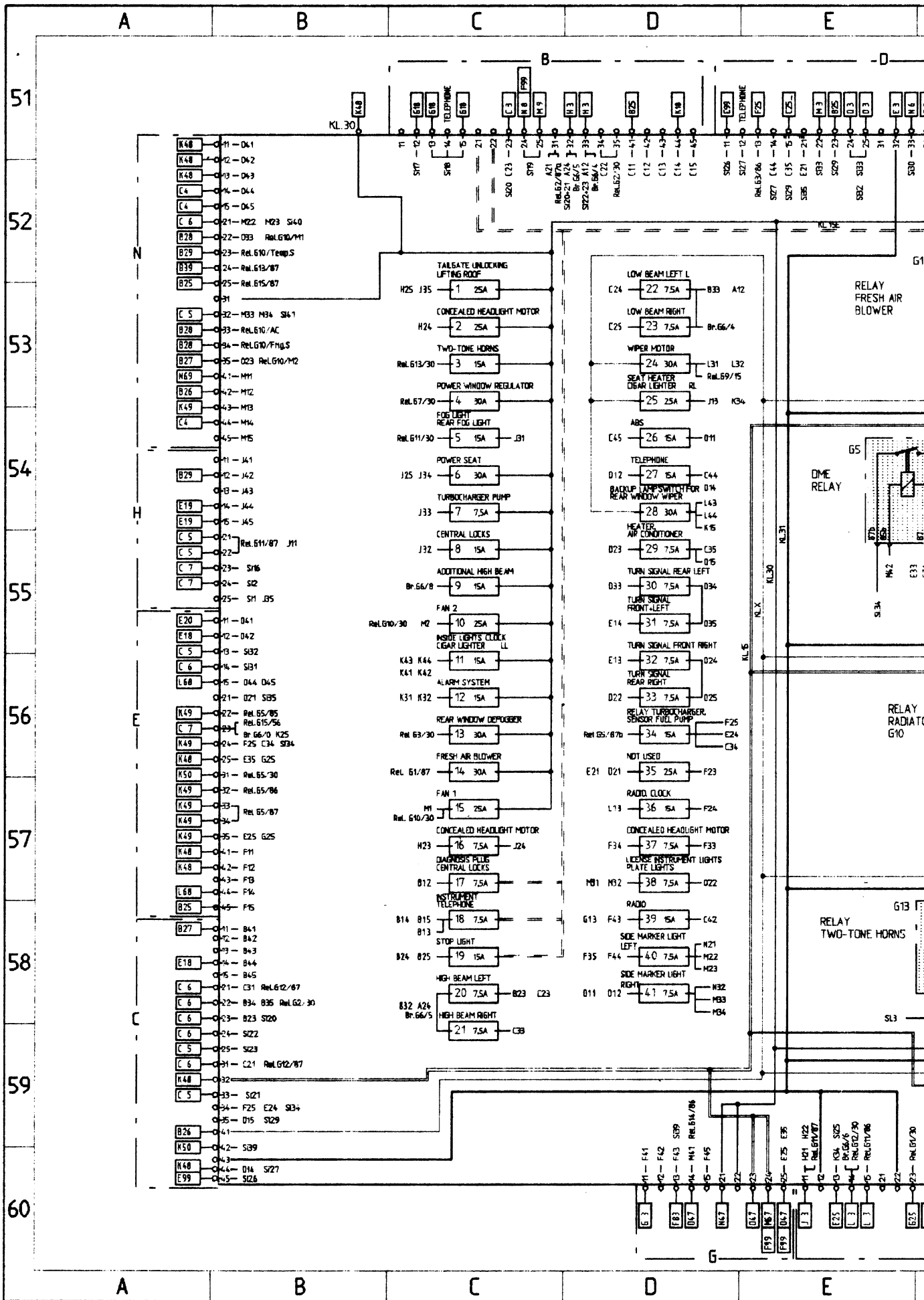
**Central Electric**

Coordinates

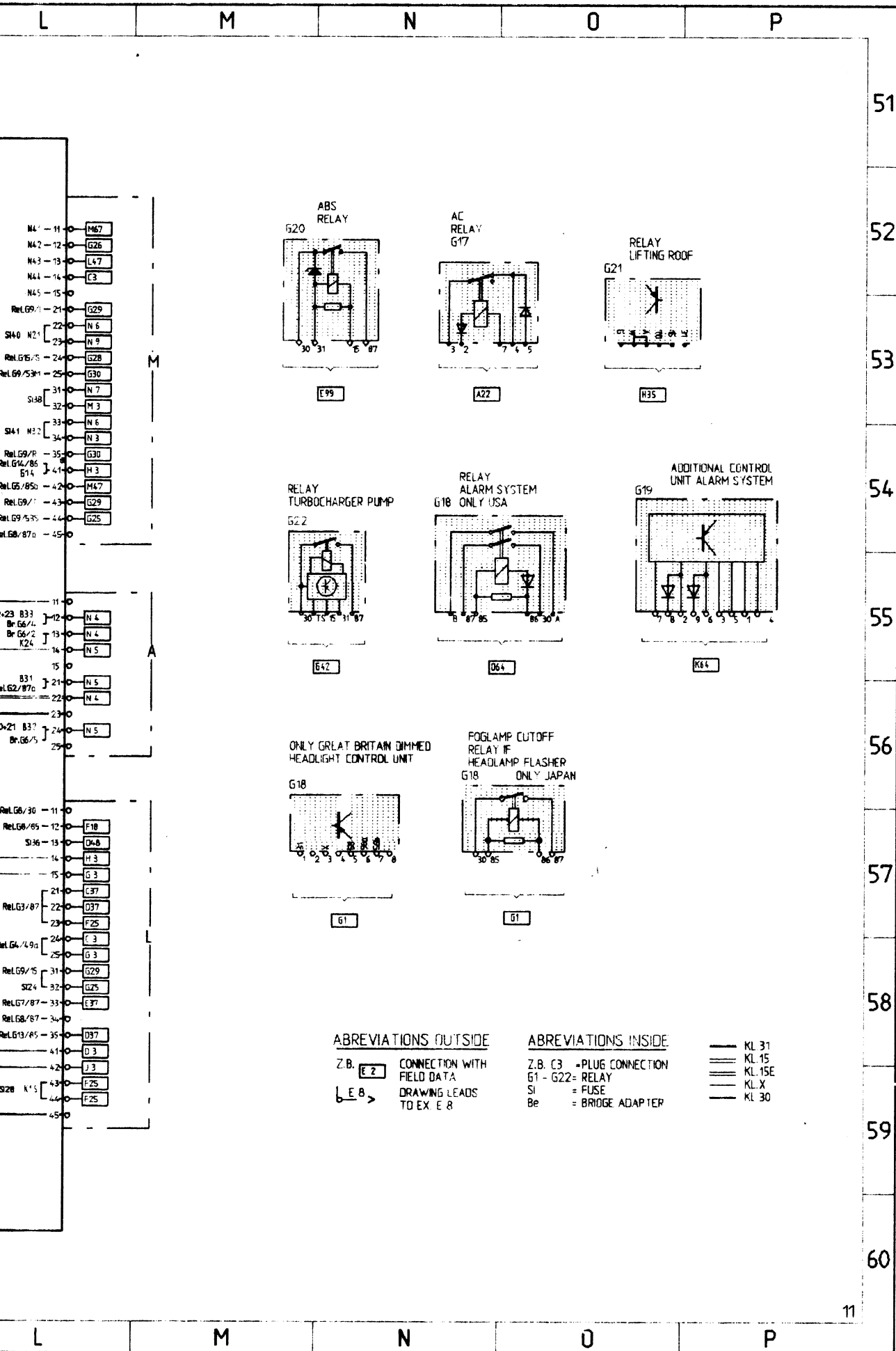
51 - 60

# Wiring Diagram Type 944, 944 Turbo, 944 S M

## CENTRAL ELECTRIC







ABBREVIATIONS OUTSIDE

Z.B. CONNECTION WITH FIELD DATA  
 DRAWING LEADS TO EX. E 8

ABBREVIATIONS INSIDE

Z.B. C3 = PLUG CONNECTION  
 G1 - G22 = RELAY  
 SI = FUSE  
 Be = BRIDGE ADAPTER

KL 31  
 KL 15  
 KL 15E  
 KL X  
 KL 30

# Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 12

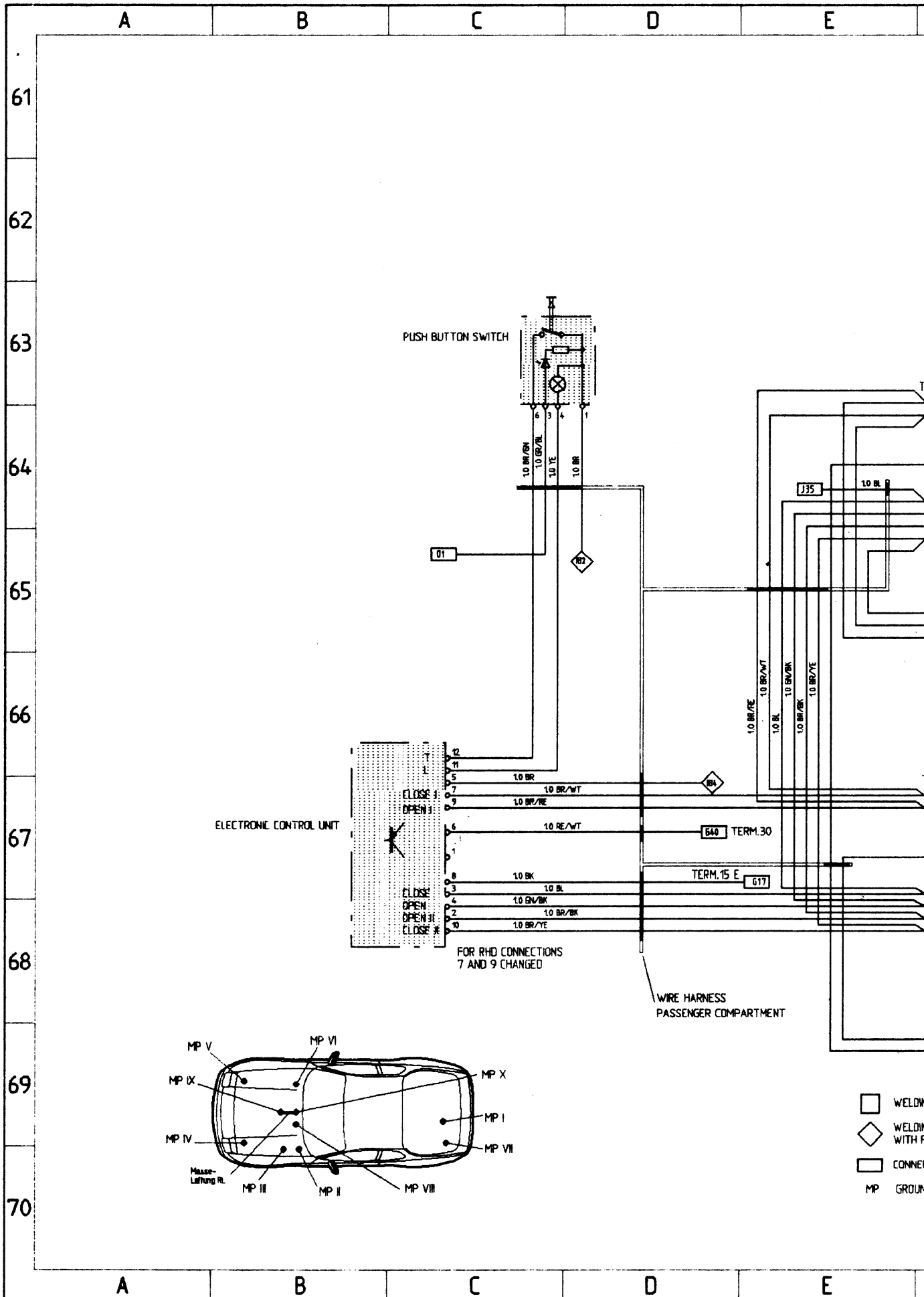
## Central Locks, Alarm System

Coordinates

61 - 70

# Wiring Diagram Type 944, 944 Turbo, 944 S M

## CENTRAL LOCKS, ALARM SYSTEM





F

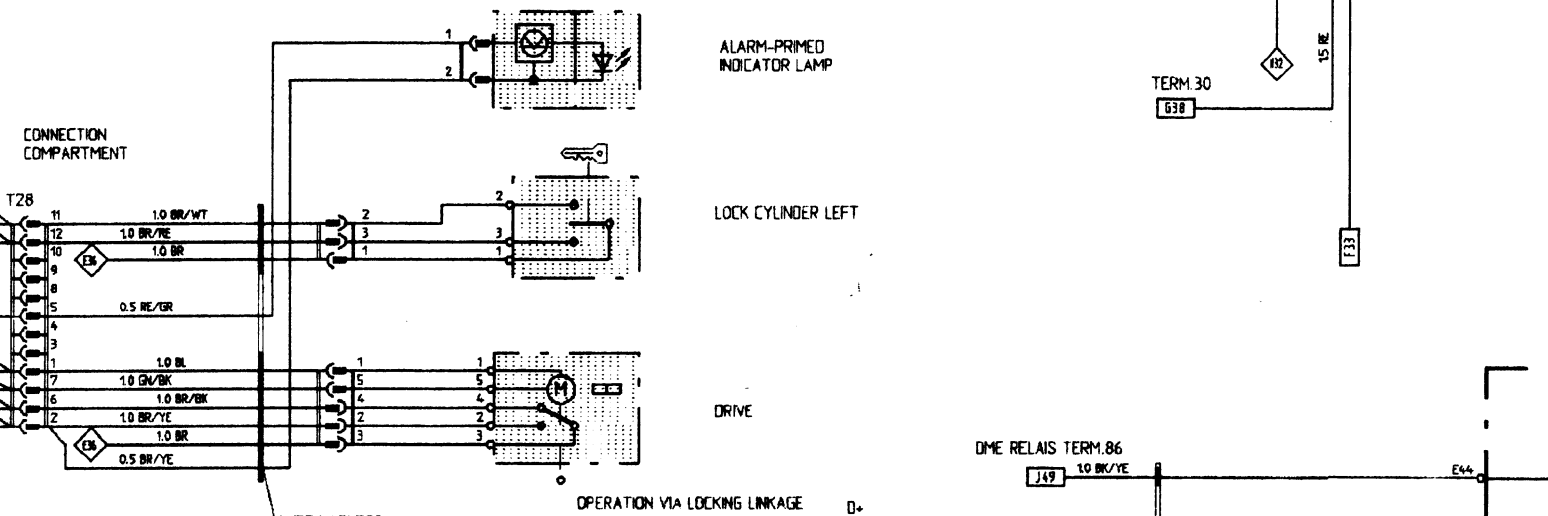
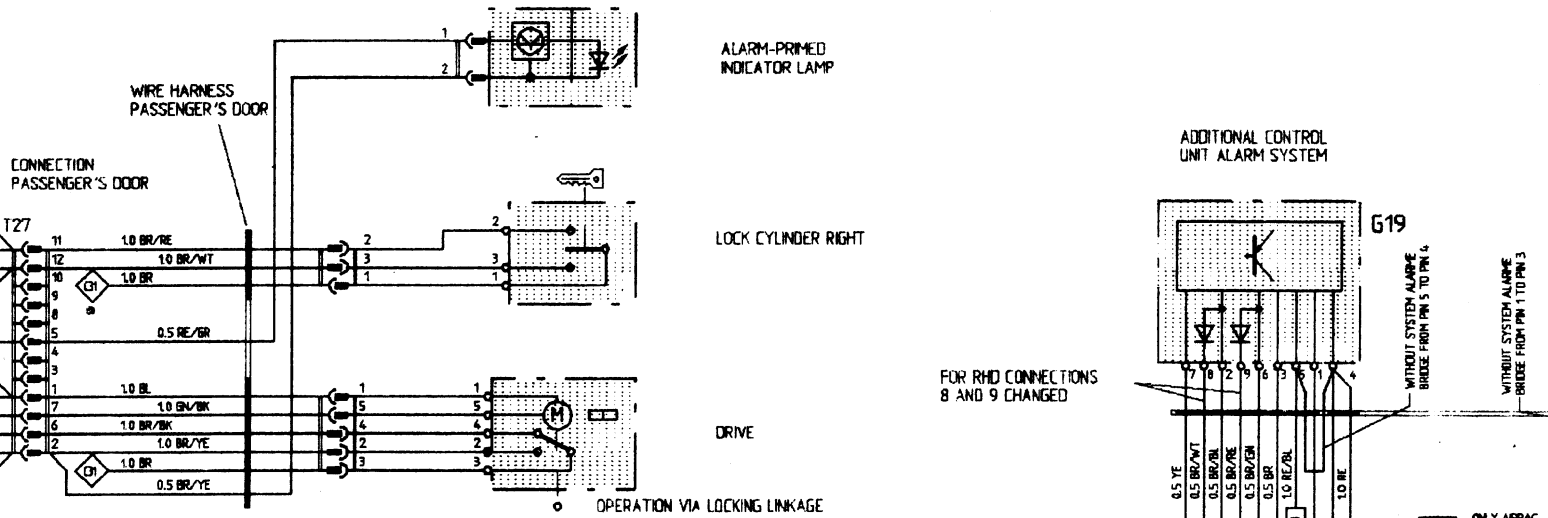
G

H

J

K

L



WIRING POINT  
WIRING POINT CONNECTION  
FIELD INDICATION  
CONNECTION WITH FIELD DATA  
GROUND POINT

CENTR

F

G

H

J

K

L

WT = WHITE

RE = RED

GN = GREEN

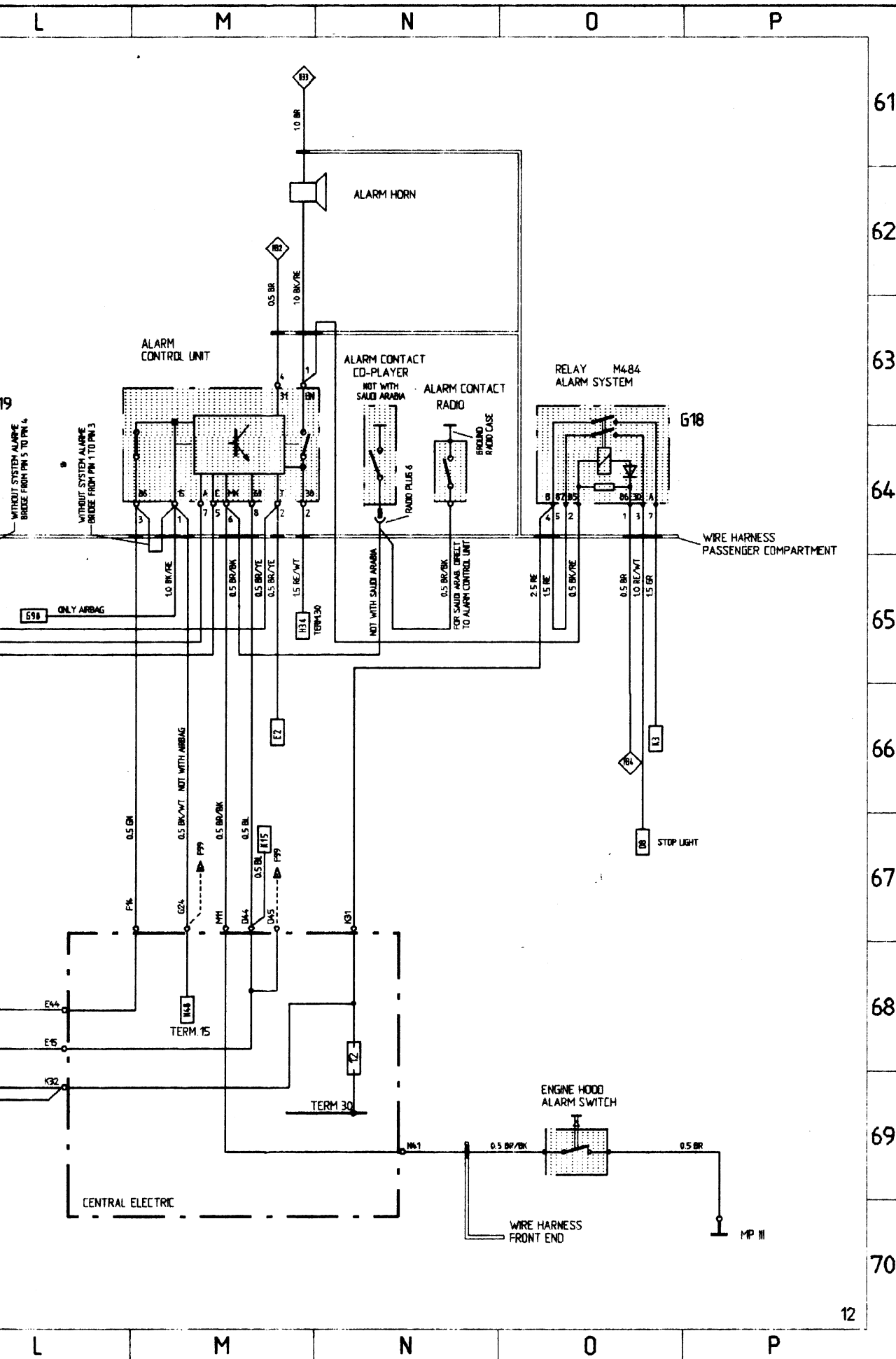
YE = YELLOW

GR = GREY

BR = BROWN

BL = BLUE

VI = VIOLET



# Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 13

Fog Light, Rear Fog Light

Coordinates

71 - 80



F

G

H

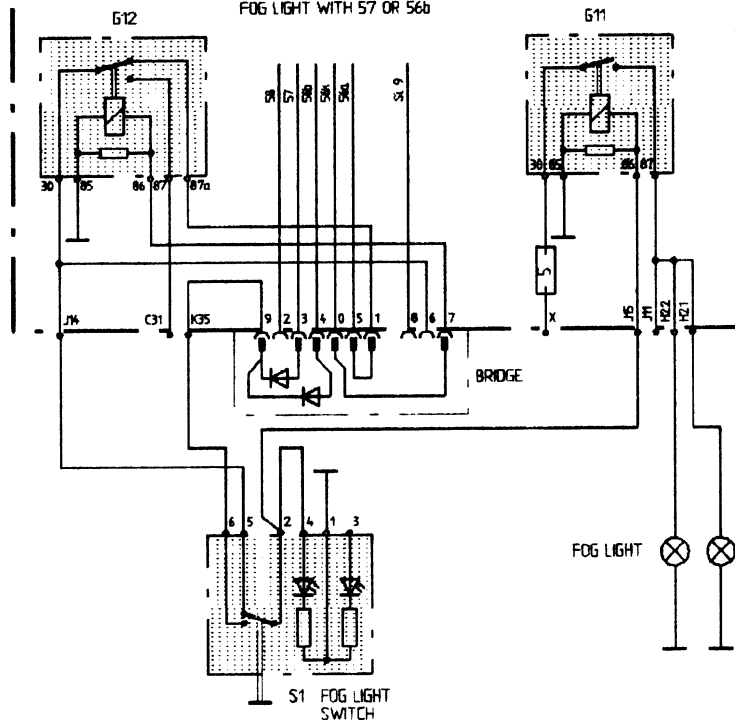
J

K

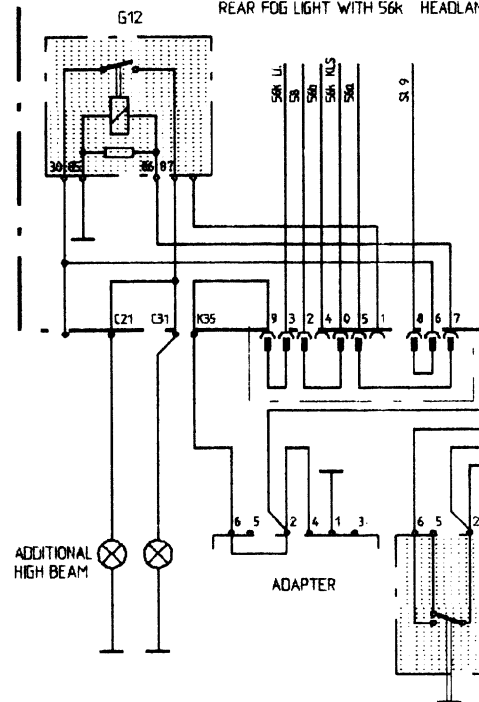
L

ADLIGHT MOTOR - CIRCUIT

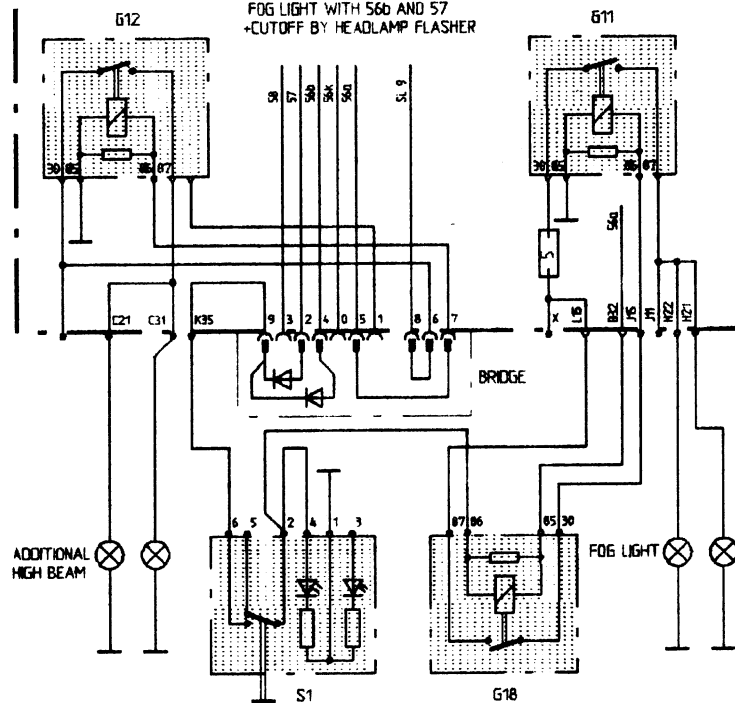
USA  
FOG LIGHT WITH 57 OR 56b



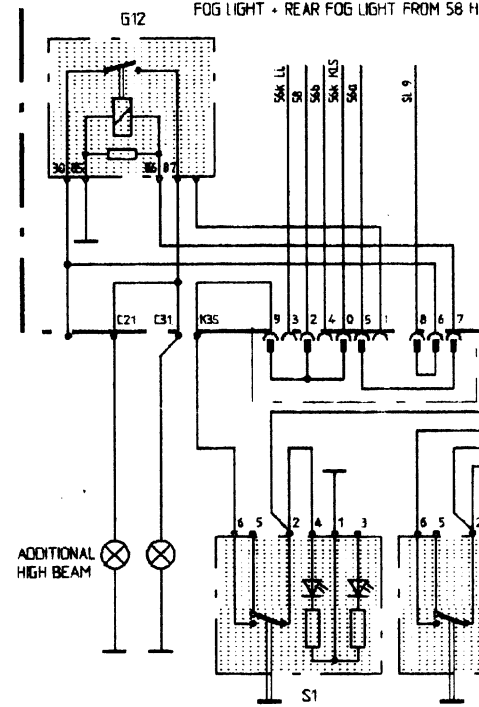
RHD DD REAR FOG LIGHT  
REAR FOG LIGHT WITH 56k HEADLAMP



JAPAN  
FOG LIGHT WITH 56b AND 57  
+CUTOFF BY HEADLAMP FLASHER



RHD DD FOG LIGHTS + REAR FOG LIGHT  
FOG LIGHT + REAR FOG LIGHT FROM 58 H



F

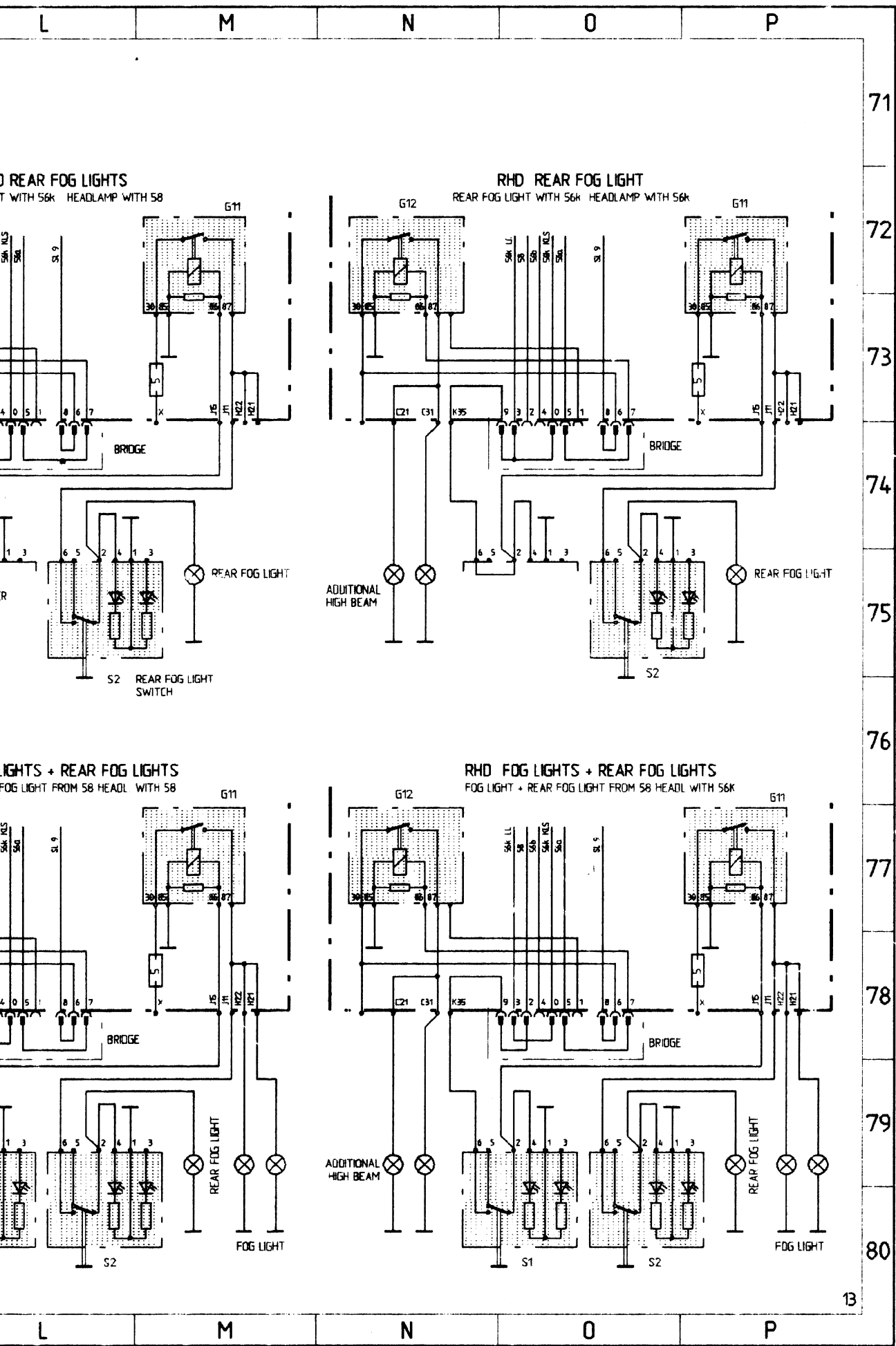
G

H

J

K

L



# Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 14

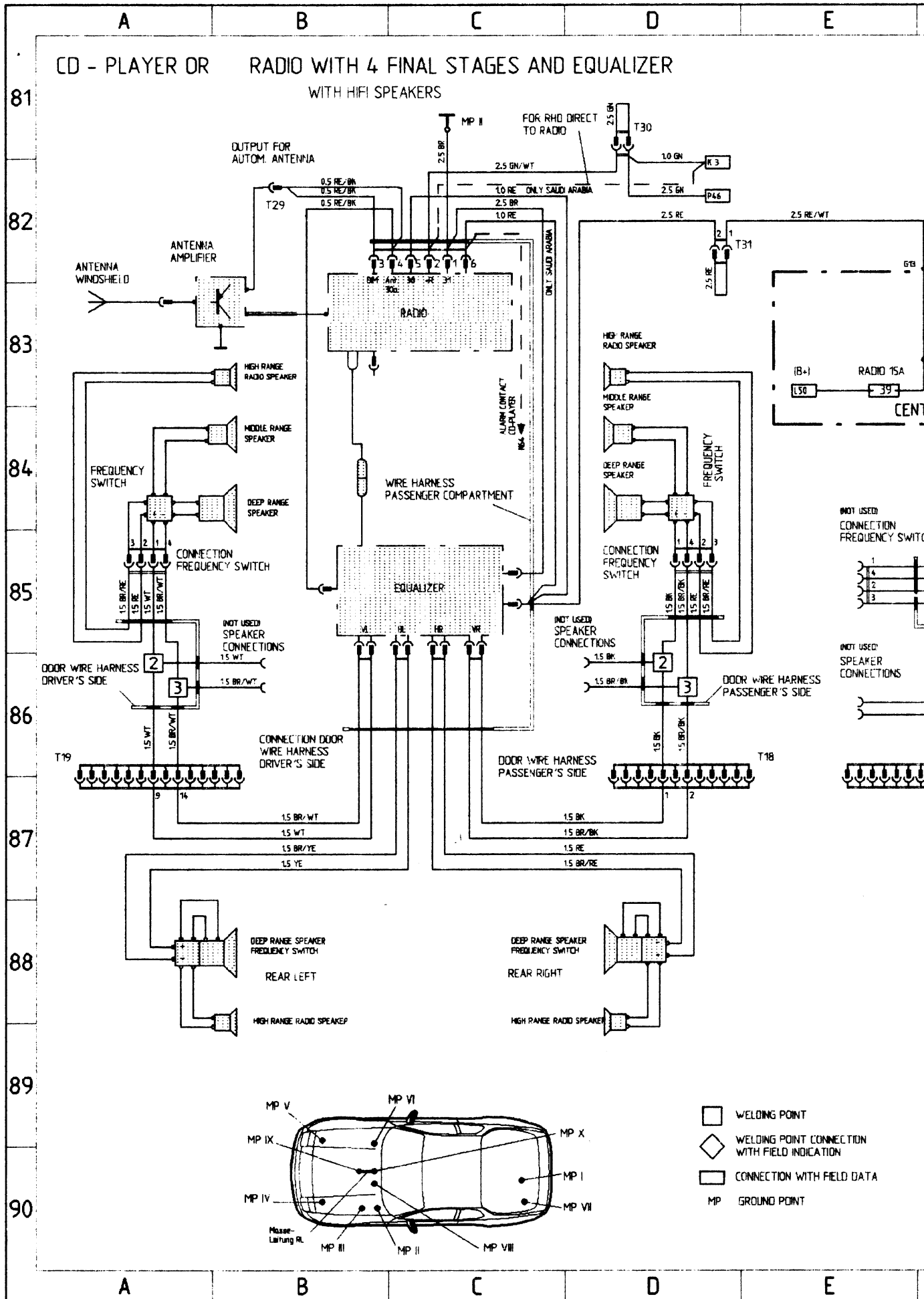
Radio

Coordinates

81 - 90

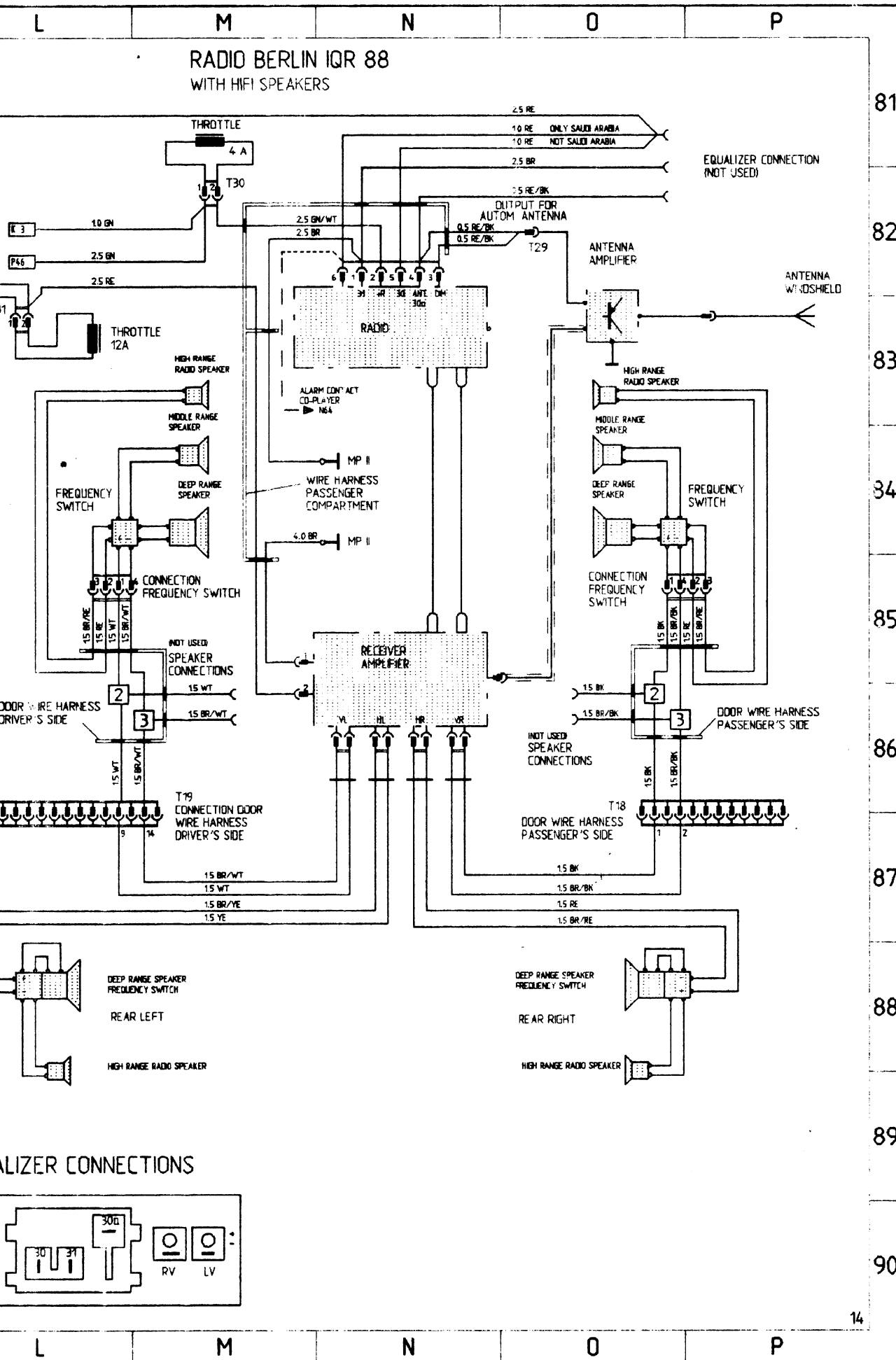
# Wiring Diagram Type 944, 944 Turbo, 944 S M

## RADIO









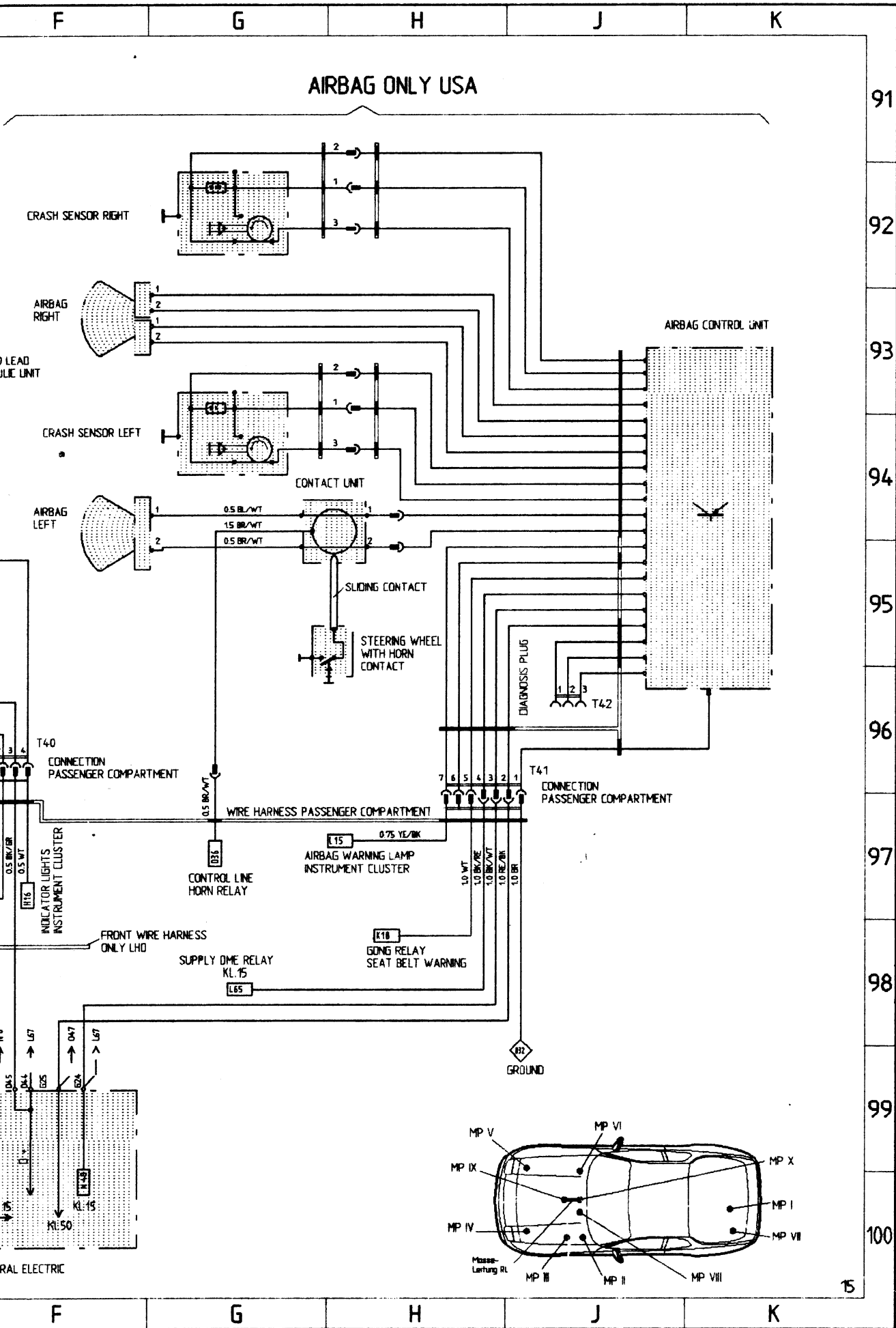
# Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 15

**ABS, Airbag**

Coordinates

91 - 100





# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 16**

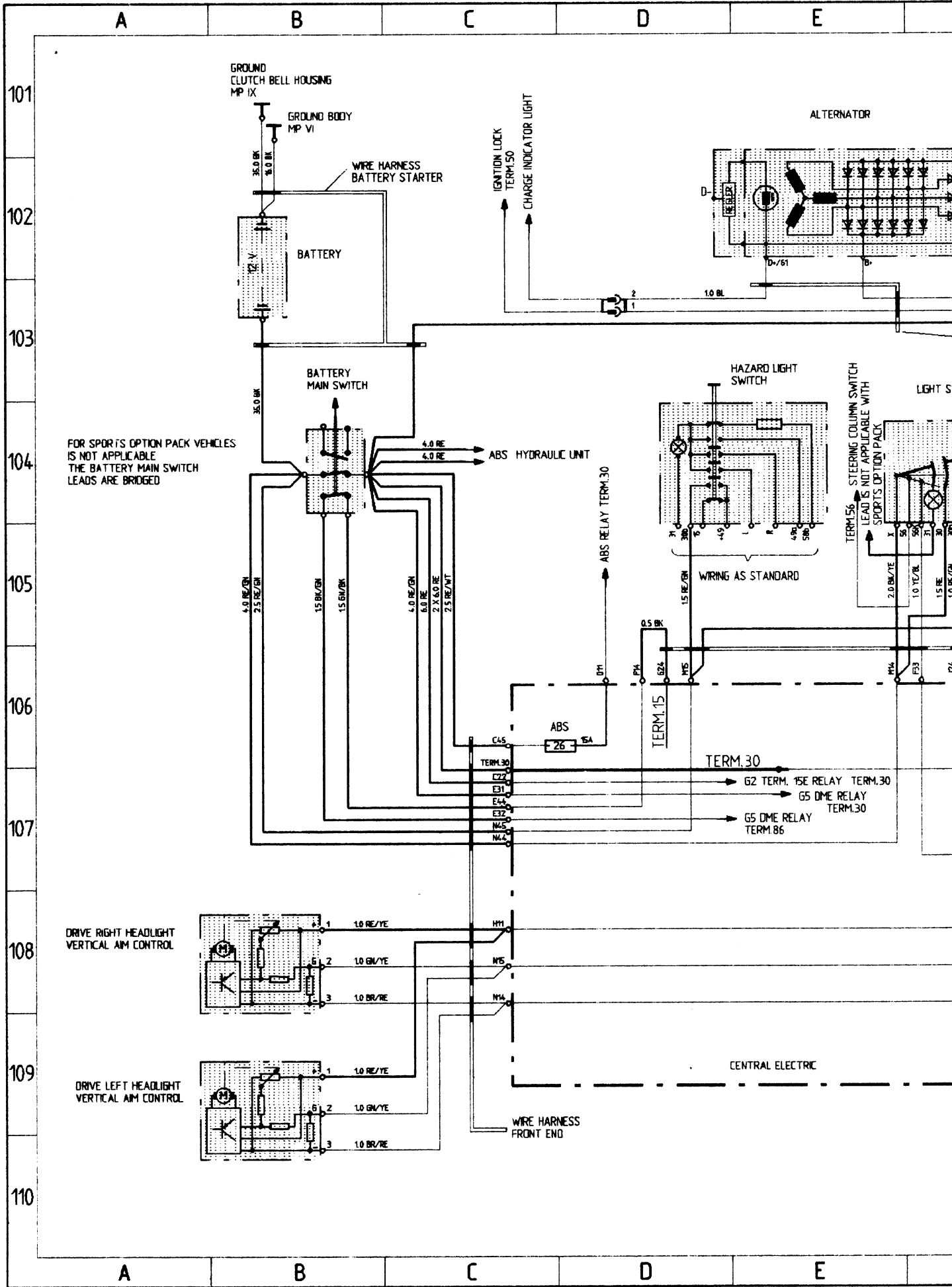
**Differing Cable Layout for LHD**

Coordinates

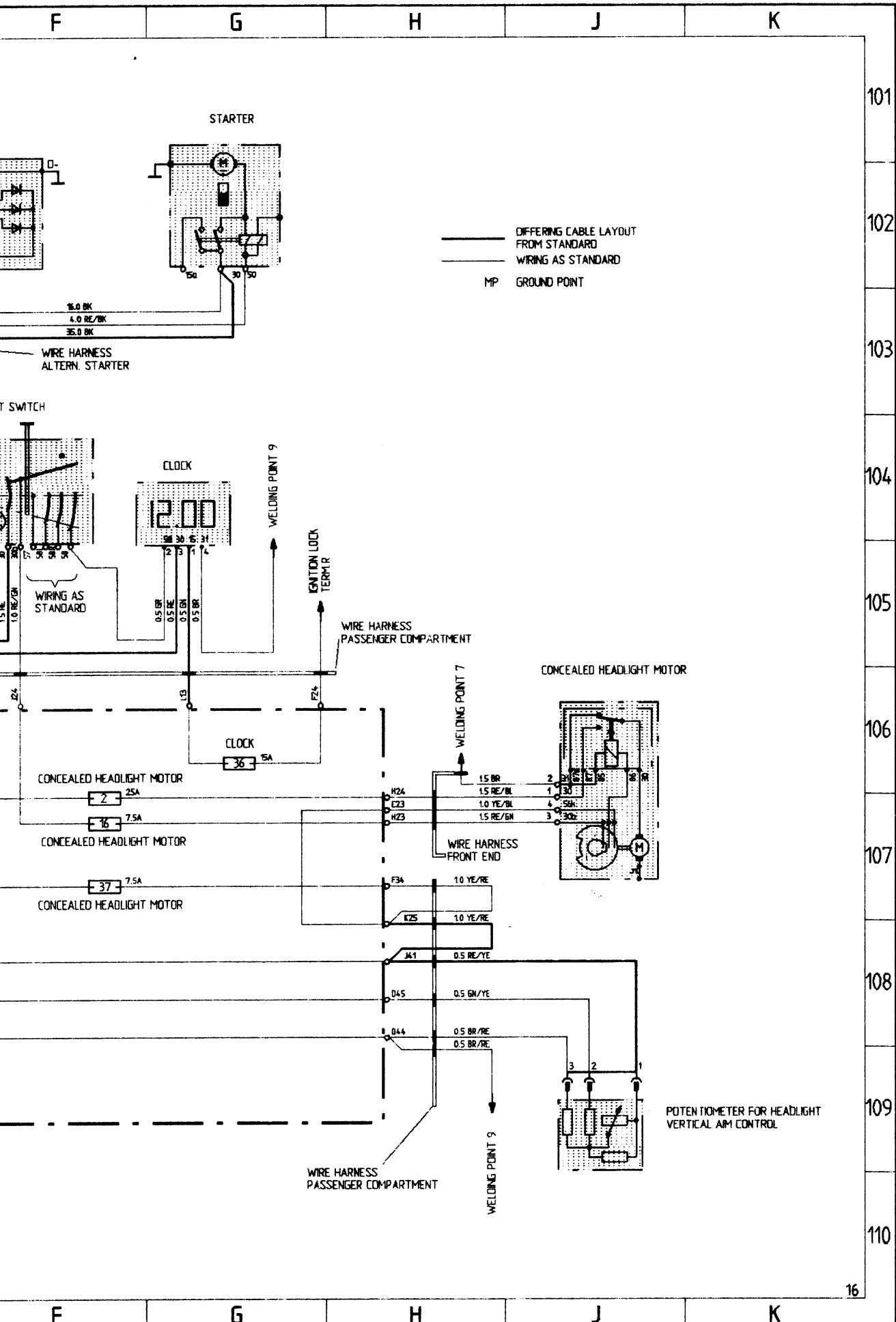
101 - 110

# Wiring Diagram Type 944 Cup and Sports Option Pack

## DIFFERING CABLE LAYOUT FOR LHD



BK = BLACK      WH = WHITE      RE = RED





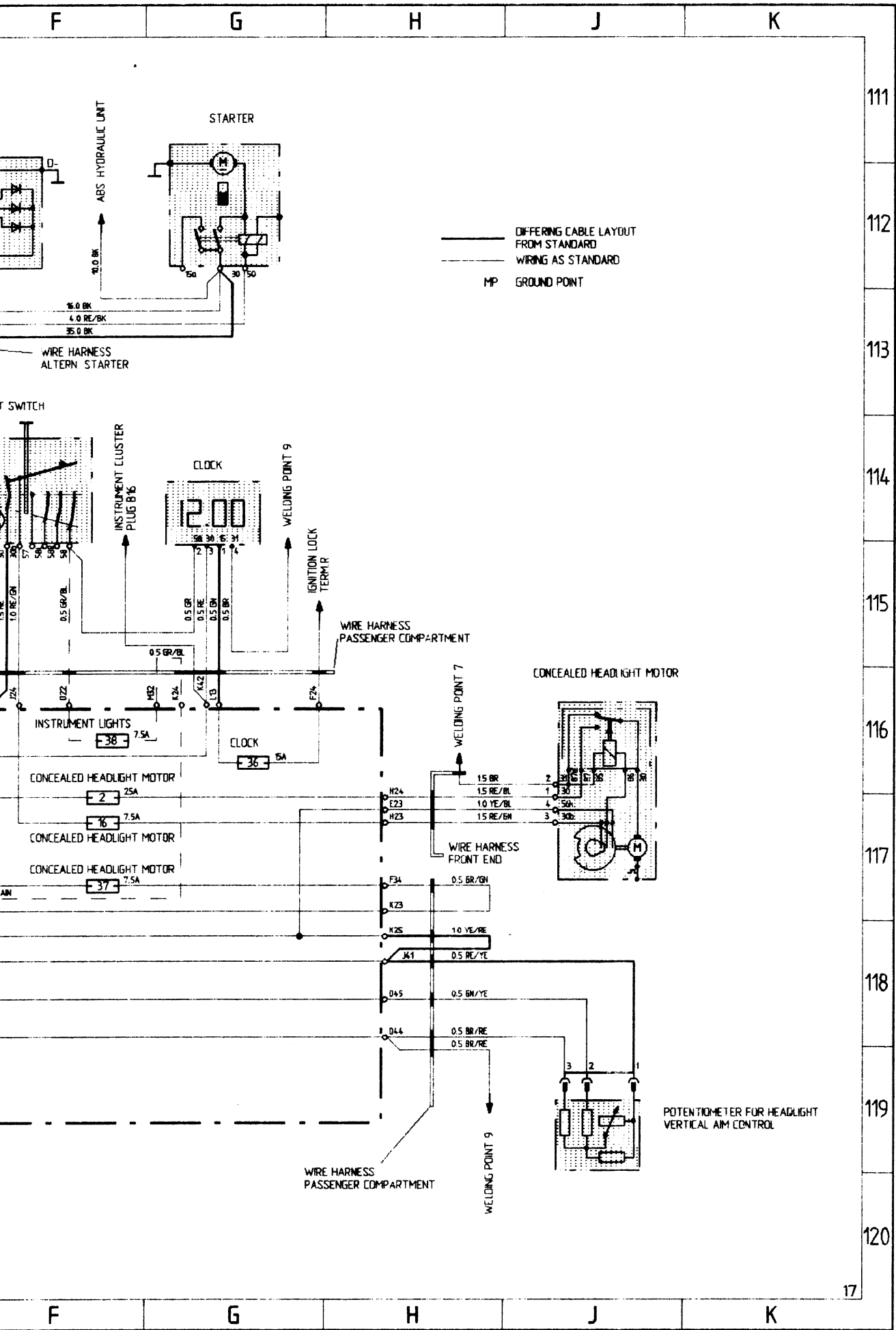
# Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 17

Differing Cable Layout for RHD

Coordinates

111 - 120





111  
112  
113  
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120  
17

# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 18**

## **Construction Components**

# Wiring Diagram Type 944, 944 Turbo, 944 S M

## CONSTRUCTION COMPONENTS

A		B		C		D		E	
CONSTRUCTION COMPONENTS									
DESIGNATION, FUNCTION		POSITION IN VEHICLE		NOTE		FIELD IN WIRE DIAGRAM			
		LHD	RHD						
AIRBAG PASSENGER'S SIDE		9bM	---	ABOVE GLOVE BOX		F93			
AIRBAG DRIVER'S SIDE		9bP	---	IN STEERING WHEEL		F94			
A: ARM HORN		7bL	7bL	IN WATER BOX		N62			
STARTER INTERLOCK		8dO	8dO	ONLY AUTOMATIC ON SELECTOR LEVER		P46			
ALARM SWITCH ENGINE HOOD		7bP	7bP	FIRE WALL LEFT		Q69			
ANTENNA AMPLIFIER		7cL	7cL	IN FOOTWELL, RIGHT SIDE		A/J/083			
OUTSIDE TEMP. SENSOR		6cN	6cN	IN HEATER BOX		A23			
BATTERY		6cL	---	IN WATER BOX		H42			
BATTERY		---	16cR	IN BOHLMANN COMPARTMENT		H42			
REFERENCE MARK SENDER		6cN	6cN	ABOVE FLYWHEEL		A48/A49			
BRAKE FLUID LEVER CONTROL SWITCH		6cP	6cM	IN BRAKE FLUID RESERVOIR		B19			
STOP LIGHT SWITCH		7dP	7dM	TO FOOT CONTROLS		O8			
CODES PLUG		7dM	7dP	IN PASSENGER'S FOOTWELL		E/F50			
DIAGNOSIS PLUG		7dM	7dP	IN PASSENGER'S FOOTWELL		A44			
SPEED SENDER		6cN	6cN	ABOVE FLYWHEEL		A47/A49			
THROTTLE VALVE SWITCH		4/5cO	4/5cO	ON THROTTLE VALVE ASSEMBLY		A45			
THROTTLE RADIO		8cP	---	ONLY RADIO BERLIN UNDER THE STEERING COLUMN		M81			
THROTTLE AMPLIFIER		8cP	---	ONLY RADIO BERLIN UNDER THE STEERING COLUMN		M83			
PRESSURE SWITCH AIR CONDITIONING SYSTEM		3dQ	3dQ	IN ENGINE COMPARTMENT FRONT LEFT		A24/25			
RECEIVER AMPLIFIER		8cP	---	ONLY RADIO BERLIN UNDER THE STEERING COLUMN		N85			
STEPPED SWITCH		8dO	8dO	ON SELECTOR LEVER		K13			
CRASH SENSOR LEFT		7cQ	---	INSIDE FIREWALL LEFT		G94			
CRASH SENSOR RIGHT		7cL	---	INSIDE FIREWALL RIGHT		S92			
GAS PRESSURE PROP LEFT		15bQ	15bQ	ON TAILGATE		K25			
GAS PRESSURE PROP RIGHT		15bL	15bL	ON TAILGATE		L26			
GENERATOR		3cO	3cO	ON ENGINE		J42			
SEAT BELT CONTACT		10dO	10dN	TO BELT BUCKLE		B15			
HALL SENDER		14dO	14dO	ON GEARBOX		M16			
HALL SENDER F. CYL.1 RECOGNITION		3cM	3cM	ONLY 944 4-VALVE ON TOOTHED BELT HOUSING OVER		A46			
PARKING BRAKE CONTACT		9dR	9dK	ON HAND BRAKE LEVER		B15			
TAILGATE UNLOCKING		18cM	18cM	IN LUGGAGE COMPARTMENT AT END-PANEL		G33			
LIFTING ROOF MOTOR W. CONTROL RELAY, MICRO SWITCH		16dQ	16dQ	IN BOHLMANN COMPARTMENT		K36/37/38			
HORN 1		2dQ	2dQ	MUDGUARD FRONT LEFT		A39			
HORN 2		2dQ	2dQ	MUDGUARD FRONT LEFT		A40			
ALTITUDE CORRECTION BOX		7dM	---	IN PASSENGER'S FOOTWELL		A50			
HORN CONTACT FOR AIRBAG		9bP	---	ON STEERING WHEEL		H95			
HYDRAULIC UNIT		7dK	7dK	IN MUDGUARD		D/E92			
INSIDE TEMP. SENSOR BLOWER		8cM	8cP	IN CONTROL PANEL AREA		E21			
CONCEALED HEADLIGHT MOTOR		3cM	3cM	IN ENGINE COMPARTM. BEHIND RIGHT CONCEALED HEADL.		A9/A8			
AIR COMPRESSOR		3dO	3dO	ON ENGINE		A24			
KNOCK SENSOR		5cN	5cN	ON ENGINE BLOCK		E42			
CONTACT UNIT		9bP	---	ON STEERING WHEEL		H94			
FUEL PUMP		15dL	15dL	ON BASE REAR RIGHT		N47			
CLUTCH SWITCH		7dP	7dM	TO FOOT CONTROLS		N45			
CRANKCASE VENTILATION HEATER		6cO	6cO	ONLY 944 2-VALVE ENGINE COMPARTMENT		E44			
COOLING WATER TEMPERATURE SWITCH		2dP	2dP	ON RADIATOR		A29			

F	G	H	J	K	L
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## CONSTRUCTION COMPONENTS

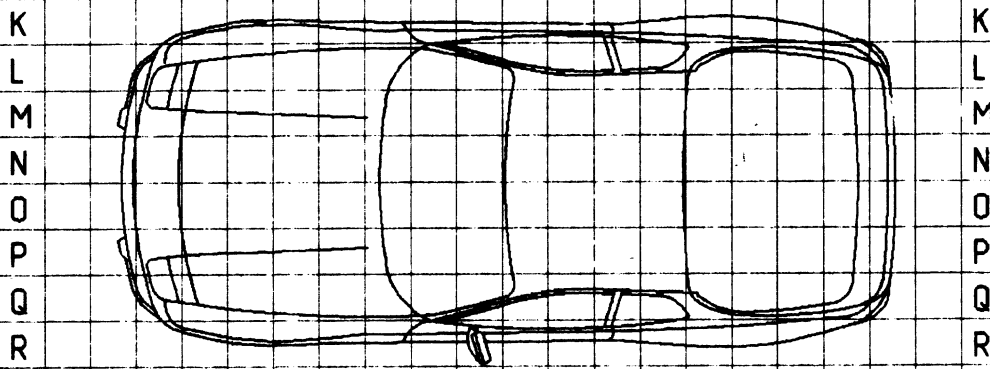
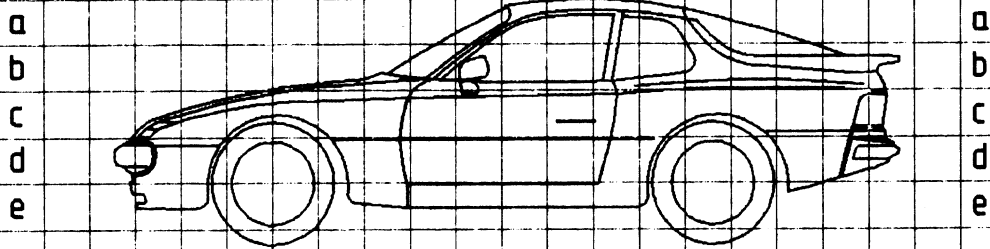
DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE	FIELD IN WIRE DIAGRAM
	LHD	RHD		
OXYGEN SENSOR	8eN	8eN	IN FRONT OF CATALYZER	A47
IDLE SPEED POSITIONER	5cD	5cD	ENGINE COMPARTMENT	A48
AIR FLOW SENSOR	3cP	3cP	ENGINE COMPARTMENT	A46
FAN MOTOR 1	3cN	3cN	ON RADIATOR	A28
FAN MOTOR 2	3cN	3cN	ON RADIATOR	A27
MICRO SWITCH ROOF CLOSED	10aD	10aD	IN ROOF	K40
ENGINE COMPARTMENT LIGHT	5bP	5bP	ON ENGINE HOOD	E10
MOTOR POWER WINDOW PASSENGER'S SIDE	9dK	9dR	IN PASSENGER'S DOOR	D31
MOTOR POWER WINDOW DRIVER'S SIDE	9dR	9dK	ON DRIVER'S DOOR	D35
OIL PRESSURE SENDER AND SWITCH	3dM	3dM	ON ENGINE BLOCK BELOW OIL FILTER	F47
OIL LEVEL WARNING SWITCH	6eN	6eN	UNDER THE ENGINE ON OIL PAN	E44
BACKUP LIGHT SWITCH	15dD	15dD	ON GEARBOX	O7
SWITCH TAILGATE UNLOCKING	7dQ	7dL	IN DRIVER'S FOOTWELL	F31
SWITCHING DEVICE, REDUCED DRIVING LIGHT		8cM	ON STEERING COLUMN	G1
LOCK CYLINDER LEFT	11cB	11cB	DOOR HANDLE LEFT	H67
LOCK CYLINDER RIGHT	11cK	11cK	DOOR HANDLE RIGHT	H64
TAILGATE UNLOCKING SWITCH	18bN	18bN	ON TAILGATE LOCK	G31
HEADLIGHT CLEANER PUMP	3dL	3dL	IN ENGINE COMP. LOW ON WINDSHIELD WASHER TANK	A26
STARTER	7cN	7cN	ON CLUTCH BELL HOUSING	L42
DRIVE LEFT HEADLIGHT VERTICAL AIM CONTROL	2cP	2cP	ON HEADLIGHT LEFT	A7
DRIVE RIGHT HEADLIGHT VERTICAL AIM CONTROL	2cM	2cM	ON HEADLIGHT RIGHT	A4
DRIVE LEFT CENTRAL LOCK	11cR	11cR	IN DOOR LEFT	H68
DRIVE RIGHT CENTRAL LOCK	11cK	11cK	IN DOOR RIGHT	H65
DRIVE CRUISE CONTROL	6cL	6cL	ENGINE COMPARTMENT	L44
CONTROL UNIT ABS	7cL	7cL	IN FOOTWELL, RIGHT SIDE	A95-97
CONTROL UNIT AIRBAG	6cM		IN PASSENGER'S FOOTWELL	K93-95
CONTROL UNIT ALARM SYSTEM	6dM	6dP	IN PASSENGER'S FOOTWELL	M64
CONTROL UNIT DME	6dM	6dP	IN PASSENGER'S FOOTWELL	D47
CONTROL UNIT KNOCK REGULATOR	6dM	6dP	ONLY 951/952 IN PASSENGER'S FOOTWELL	D44
CONTROL UNIT CRUISE CONTROL	7cR	7cR	IN LEFT FOOTWELL	M44/45
CONTROL UNIT CENTRAL LOCKS	8cP	8cM	UNDER THE STEERING COLUMN	B67
BUZZER CONTACT	8cP	8cM	ON IGNITION LOCK	M18
TANK VENTING VALVE	6cQ	6cQ	ONLY 944 4-VALVE CAT. ENGINE COMPARTMENT	A43
FUEL LEVEL SENDER	15cN	15cN	IN FUEL TANK	B17
TEMPERATURE SENSOR FOR CATALYZER	9eN	9eN	ON CATALYZER	B18
TEMP. SWITCH TURBOCHARGER	4cD	4cD	ONLY 951/952 IN ENGINE COMPARTM. NEAR TURBOCHARG.	E50
BALLAST RESISTORS FOR FUEL INJECTORS	6cL	6cL	ONLY 944 4-VALVE ENGINE COMPARTMENT	D42
WASHING FLUID PUMP	3cL	3cL	TOP OF EXPANSION TANK IN ENGINE COMPARTMENT	A26
COOLANT TEMP. SWITCH AND SENDER	4dP	4dP	ON ENGINE BLOCK	E47
NTC COOLANT SENSOR	4cD	4cD	ON ENGINE BLOCK	A49
WATER PUMP TURBO-CHARGER COOLING	4cP	4cP	ONLY 951/952 ENGINE COMPARTMENT	F42
WIPER MOTOR	7bD	7bN	IN WATER BOX	J26
CENTRAL ELECTRIC	7bD	7bD	LEFT IN WATER BOX	AS1-P60
IGNITION FINAL STAGE	3dQ	3dQ	ONLY 944 4-VALVE ENGINE COMPARTMENT	G46
IGNITION COIL	3cL	3cL	WHEEL HOUSING RIGHT FRONT	J46

a  
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K  
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R

F	G	H	J	K	L
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L M N O P

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

L M N O P

# **Wiring Diagram Type 944, 944 turbo 944 S Model 89 Sheet 19**

**Plug Connections and Ground Points**



# Wiring Diagram Type 944, 944 Turbo, 944 S M

## PLUG CONNECTIONS AND GROUND POINTS

	A	B	C	D	E
<b>PLUG CONNECTIONS</b>					
	<b>CODE</b>	<b>NUMBER OF PINS</b>	<b>DESIGNATION, FUNCTION</b>	<b>POSITION IN VEHICLE</b>	<b>NOTE</b>
				<b>LHD</b> <b>RHD</b>	
	T1	8	WIRE HARNESS / PASSENGER COMPARTMENT	6dM    6dP	IN PASSENGER'S FOOTWELL
	T2	2	CONTACT BRIDGE REAR FOG LIGHT	7cQ    7cQ	UNDER THE CENTRAL ELECTRIC
	T3	8	SWITCH RANGE INDICATOR / WH PASSENGER COMP	9cD/N    9cD/N	IN CENTRE CONSOLE
	T4	2	BRAKE PAS WEAR CONTACT FRONT RIGHT / COMBINATION LEAD	5dL    5dL	LOW ON SHOCK ABSORBER
	T5	2	COMB. LEAD RIGHT / WH FRONT (BVA)	6cL    6cL	ENGINE COMPARTMENT
	T6	2	COMB. LEAD LEFT / WH FRONT (BVA)	6cQ    6cQ	ENGINE COMPARTMENT
	T7	2	BRAKE PAS WEAR CONTACT FRONT LEFT / COMBINATION LEAD	5dQ    5dQ	LOW ON SHOCK ABSORBER
	T8	2	BRAKE PAS WEAR CONTACT REAR RIGHT / COMBINATION LEAD	14dL    14dL	ON SEMI-TRAILING ARM
	T9	2	COMB. LEAD RIGHT / WH PASSENGER COMP	15dM    15dM	ABOVE DRIVE SHAFTS ON
	T10	2	COMB. LEAD LEFT / WH PASSENGER COMP	15dP    15dP	LUGGAGE COMPARTMENT PANEL
	T11	2	BRAKE PAS WEAR CONTACT REAR LEFT / COMBINATION LEAD	14dQ    14dQ	ON SEMI-TRAILING ARM
	T12	6	WH HEATER, AIR CONDITIONING, PASSENGER COMP.	7cD/N    7cD/N	IN CONTROL PANEL AREA
	T13	6	WH PASSENGER COMPARTMENT / ENGINE HOOD	6bP    6bP	IN ENGINE HOOD
	T14	8	POWER ADJUSTABLE SEAT RIGHT / WH PASSENGER COMPARTM.	11eM    11eM	LOW ON SEAT
	T15	8	POWER ADJUSTABLE SEAT LEFT / WH PASSENGER COMPARTM.	11eP    11eP	LOW ON SEAT
	T16	4	REAR WINDOW WIPER, HIGH MOUNTED STOPLIGHT / WH PASS. COMP.	14cQ    14cQ	BEHIND C-PILLAR
	T17	3	HALL SENDER / DME	6cN    6cN	ON ENGINE REAR    ONLY 944 4-VALV
	T18	12	WH PASSENGER'S DOOR / WH PASSENGER COMP	7dK    7dR	IN PASSENGER'S FOOTWELL
	T19	14	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR    7dK	IN DRIVER'S FOOTWELL
	T20	8	WIRE HARNESS SUN ROOF / PASSENGER COMPARTMENT	16dQ    16dQ	IN BOHLMANN COMPARTMENT
	T21	14	WIRE HARNESS DME / WIRE HARNESS FRONT	6cP    6cP	ENGINE COMPARTMENT
	T22	2	CODING PLUG / DME	6dM    6dP	IN PASSENGER'S FOOTWELL
	T23	2	PLUG FOR DATA FIELD CODING / DME	6dM    6dP	IN PASSENGER'S FOOTWELL
	T24	2	WH ALTERN. STARTER / WH FRONT	6cD    6cD	ENGINE COMPARTMENT
	T25	5	DIAGNOSIS PLUG FOR IDLE SPEED POSITIONER	6cP    6cP	ONLY 944/951 ENGINE COMPARTMENT
	T26	12	DIAGNOSIS PLUG KNOCK REGULATOR	6dL    6dD	NOT 944.    IN PASSENGER'S FOOTWELL
	T27	12	WH PASSENGER'S DOOR / WH PASSENGER COMP	7dK    7dR	IN PASSENGER'S FOOTWELL
	T28	12	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR    7dK	IN DRIVER'S FOOTWELL
	T29	1	ANTENNA AMPLIFIER / WH PASSENGER COMP.	7cD    7cD	BEHIND THE RADIO
	T30	2	THROTTLE FOR RADIO / OR CONTACT BRIDGE	8cP    ---	UNDER THE STEERING COLUMN
	T31	2	THROTTLE FOR AMPLIFIER / OR CONTACT BRIDGE	8cP    ---	UNDER THE STEERING COLUMN
	T32	2	WH ABS / COMBINATION LEAD FR	6cL    6cL	ENGINE COMPARTMENT
	T33	2	WH ABS / COMBINATION LEAD FL	6cQ    6cQ	ENGINE COMPARTMENT
	T34	2	WH ABS / COMBINATION LEAD RL	15dP    15dP	ABOVE DRIVE SHAFTS
	T35	2	WH ABS / COMBINATION LEAD RR	15dM    15dM	ON LUGGAGE COMPARTMENT PANEL
	T36	2	COMB. LEAD FR / ABS-SENSOR FR	5dL    5dL	LOW ON SHOCK ABSORBER
	T37	2	COMB. LEAD FL / ABS-SENSOR FL	5dQ    5dQ	LOW ON SHOCK ABSORBER
	T38	2	COMB. LEAD RL / ABS-SENSOR RL	14dQ    14dQ	ON SEMI-TRAILING ARM
	T39	2	COMB. LEAD RR / ABS-SENSOR RR	14dL    14dL	ON SEMI-TRAILING ARM
	T40	4	WH PASSENGER COMPARTMENT / WH ABS	6dM    6dM	IN FOOTWELL, RIGHT SIDE
	T41	7	WH PASSENGER COMPARTMENT / WH AIRBAG	6dM    ---	IN PASSENGER'S FOOTWELL
	T42	3	DIAGNOSIS PLUG AIRBAG	6cM    ---	IN PASSENGER'S FOOTWELL
	T43	2	MICRO SWITCH SUN ROOF / WH PASSENGER COMPARTMENT	10aD    10aD	IN ROOF
	T44	3	OXYGEN SENSOR / DME	6cN    6cN	ON ENGINE REAR
	T45	3	SPEED SENDER / DME	6cN    6cN	ON ENGINE REAR    NOT 944 4-VALV
	T46	3	REFERENCE MARK SENDER / DME	6cN    6cN	ON ENGINE REAR    NOT 944 4-VALV
	T47	3	SPEED-REFERENCE MARK SENDER / DME	6cN    6cN	ON ENGINE REAR    ONLY 944 4-VALV

F	G	H	J	K	L
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## GROUND POINTS

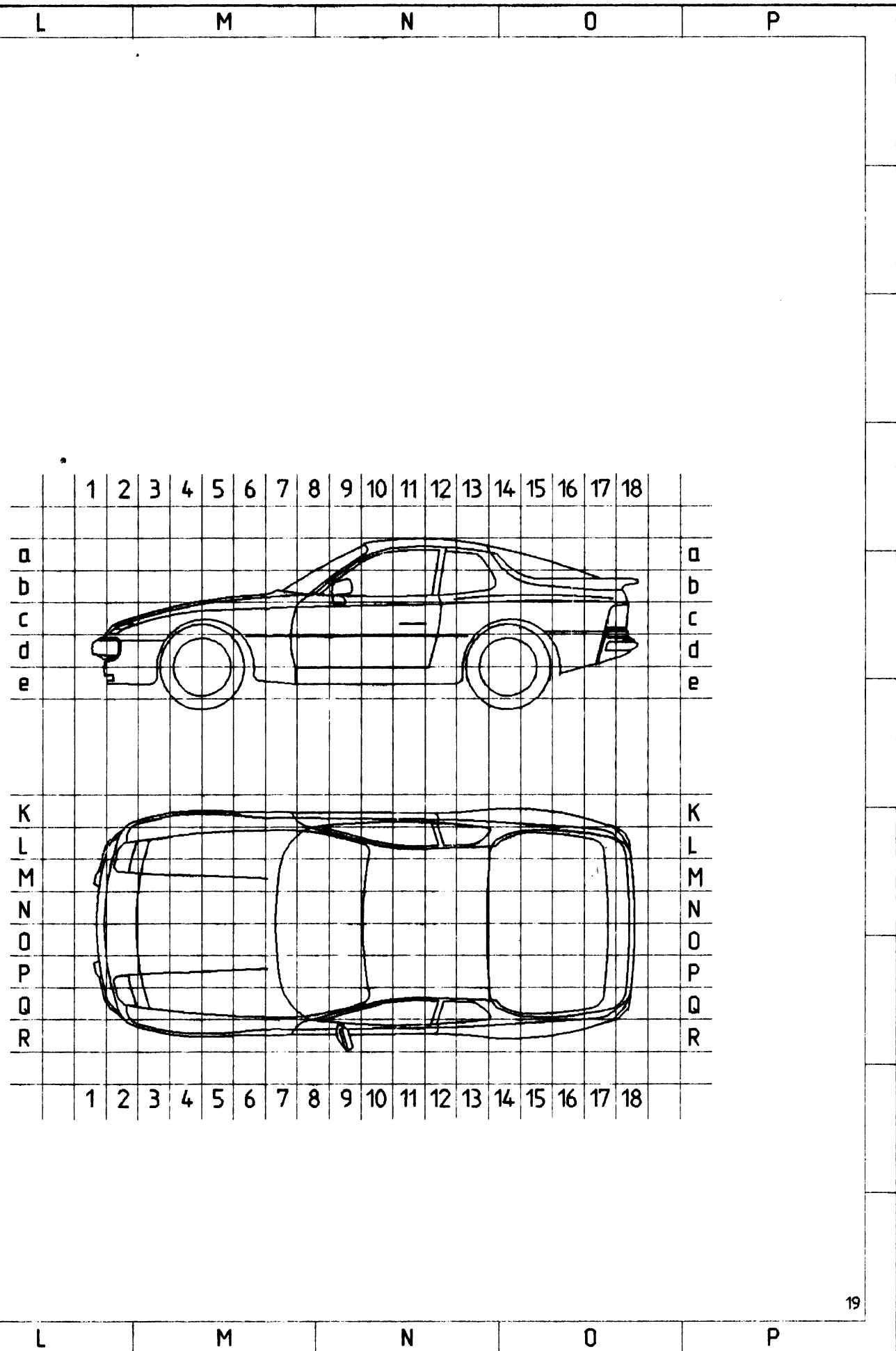
FIELD IN WIRE DIAGRAM	CODE	DESIGNATION, FUNCTION	POSITION IN VEHICLE	
			LHD	RHD
..... 015, E46, F46	MP I	COVER PANEL	18cD	18cD
..... L3	MP II	INSIDE FIREWALL ELECTRONICS CHASSIS	7cP	7cP
..... K12	MP II	INSIDE FIREWALL CABLE TO GROUND	7cP	7cP
..... A15	MP IV	LONGITUDINAL SUPPORT	3dP	3dP
..... A16	MP V	LONGITUDINAL SUPPORT	3dM	3dM
..... A18	MP VI	BODY BATTERY LHD	6cL	---
..... A19	MP VII	BODY BATTERY RHD	---	16cQ
..... P15	MP VIII	ENGINE BLOCK DME ELECTRONICS CHASSIS	6cD	6cD
..... P16	MP IX	CLUTCH BELL HOUSING BATTERY LEAD LHD + DME CABLE TO GROUND	7cD	7cD
..... P18	MP X	BODY RHD FIREWALL	---	7cD
..... P19				
..... D23				
..... J27				
..... L22				
..... N27				
..... O23				
..... B46				
..... B46				
..... BC32, DKP87				
..... BC34, AFL87				
..... H38				
..... F48/49				
..... D50, F50				
..... A50, EF50				
..... J43				
..... AB44				
..... C41, D43				
..... F64				
..... F67				
..... B82, H82, O82				
..... D81, M82, G82				
..... D82, L83, F82				
..... B98				
..... B98				
..... B98				
..... B98				
..... B98				
..... B98				
..... B98				
..... B98				
..... B98				
..... F96				
..... H97				
..... J96				
..... H40				
..... B46/47				
..... B47				
..... B48				
..... B49				

### M - NUMBERS

M 027	CALIFORNIA VERSION
M 139	SEAT HEATER SEAT LEFT
M 150	WITHOUT CATALYZER
M 193	JAPAN VERSION
M 215	SAUDI-ARABIA VERSION
M 249	AUTOMATIC TRANSMISSION
M 288	HEADLIGHT CLEANERS
M 340	SEAT HEATER SEAT RIGHT
M 383	SPORT SEAT LEFT
M 387	SPORT SEAT RIGHT
M 454	CRUISE CONTROL
M 479	AUSTRALIAN VERSION
M 481	TRANSMISSION
M 484	USA VERSION
M 490	AUDIO OPTION PACK WITHOUT BOOSTER
M 533	ALARM SYSTEM
M 553	USA - CANADA VERSION
M 562	AIRBAG
M 573	AIR CONDITIONING SYSTEM
M 593	ABS
M 605	HEADLIGHT VERTICAL AIM CONTROL
M 650	LIFTING ROOF
M 900	TOURIST VEHICLES

		1
a		
b		
c		
d		
e		
K		
L		
M		
N		
O		
P		
Q		
R		
		1

F	G	H	J	K	L
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## Wiring Diagram Type 944 turbo 944 S2 Model 90

	Coordinates	
<b>Sheet 1</b>	1 - 10	Lights ROW/SA/Japan.
<b>Sheet 2</b>	1 - 10	Lights USA
<b>Sheet 3</b>	11 - 20	Instrument Cluster and Sender ROW
<b>Sheet 4</b>	11 - 20	Instrument Cluster and Sender USA / Opt. Equipm.
<b>Sheet 5</b>	21 - 30	Heating, Airconditioning, Ventilating, Power Seats, Wipe- and Wash Cleaners
<b>Sheet 6</b>	31 - 40	Two-Tone Horns, Mirrors, Lifting Roof, Power Window Regulator, Tailgate Unlocking
<b>Sheet 7</b>	41 - 50	Engine Compartment, Cruise Control 944 Turbo
<b>Sheet 8</b>	41 - 50	Engine Compartment, Cruise Control 4-Valve Engine
<b>Sheet 9</b>	51 - 60	Central Electric
<b>Sheet 10</b>	61 - 70	Central Locks, Alarm System
<b>Sheet 11</b>	71 - 80	Fog Light, Rear Fog Light
<b>Sheet 12</b>	81 - 90	Radio
<b>Sheet 13</b>	91 - 100	ABS, Airbag
<b>Sheet 14</b>	101 - 110	Wiring 944 S2 Cabriolet
<b>Sheet 15</b>		Construction Components
<b>Sheet 16</b>		Plug Connections, Ground Points, M-Numbers

# **Wiring Diagram Type 944 turbo 944 S2 Model 90**

The wiring diagram consists of 14 individual wiring diagrams, 1 sheet construction components and 1 sheet plug connections and ground points. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted 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 moduled-on fastening lug, is the "starting element".

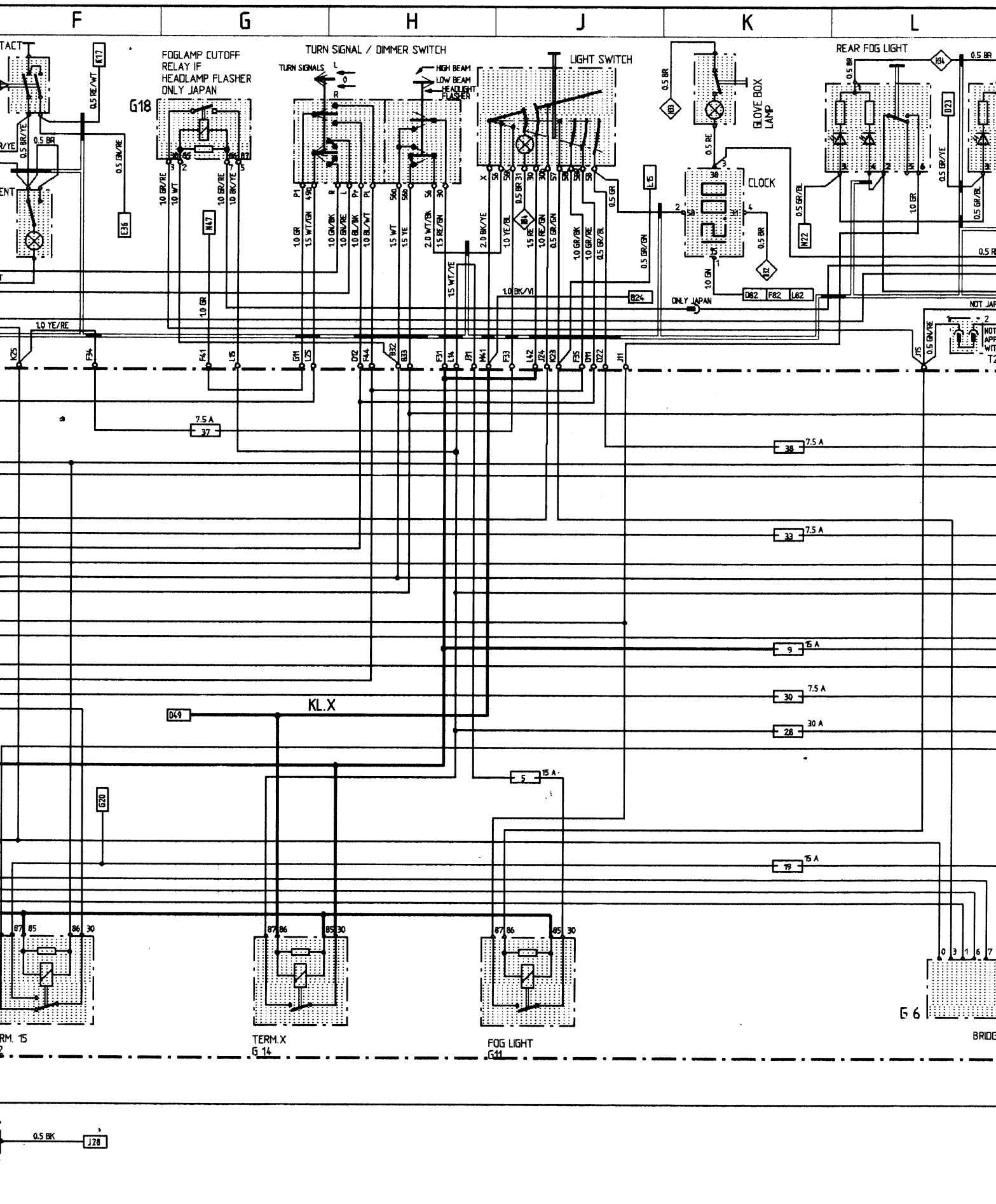
Parts 2, 3 and 4 are "module elements".

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.





FOGLAMP CUTOFF  
RELAY IF  
HEADLAMP FLASHER  
ONLY JAPAN

TURN SIGNAL / DIMMER SWITCH

LIGHT SWITCH

REAR FOG LIGHT

G18

K17

CLOCK

D73

7.5 A  
37

7.5 A  
38

7.5 A  
33

15 A  
9

7.5 A  
30

30 A  
28

15 A  
5

15 A  
19

D49

KL.X

D20

TERM.X  
G 14

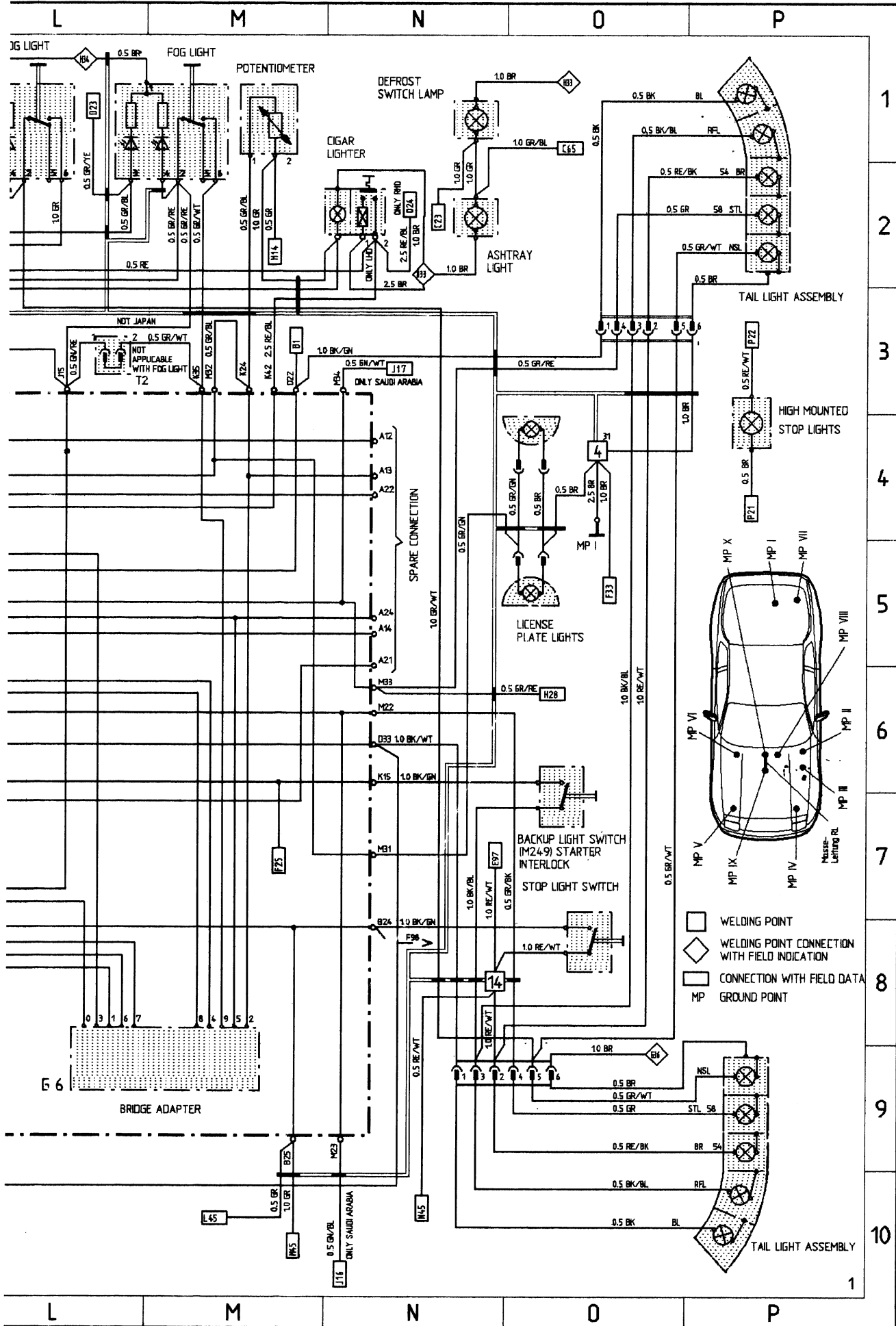
FOG LIGHT  
G 41

G 6

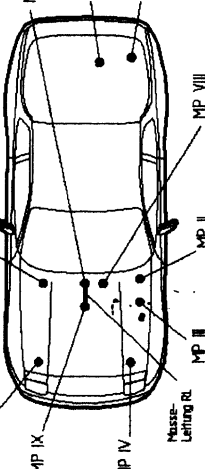
0.5 BK  
J28

F G H J K L

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

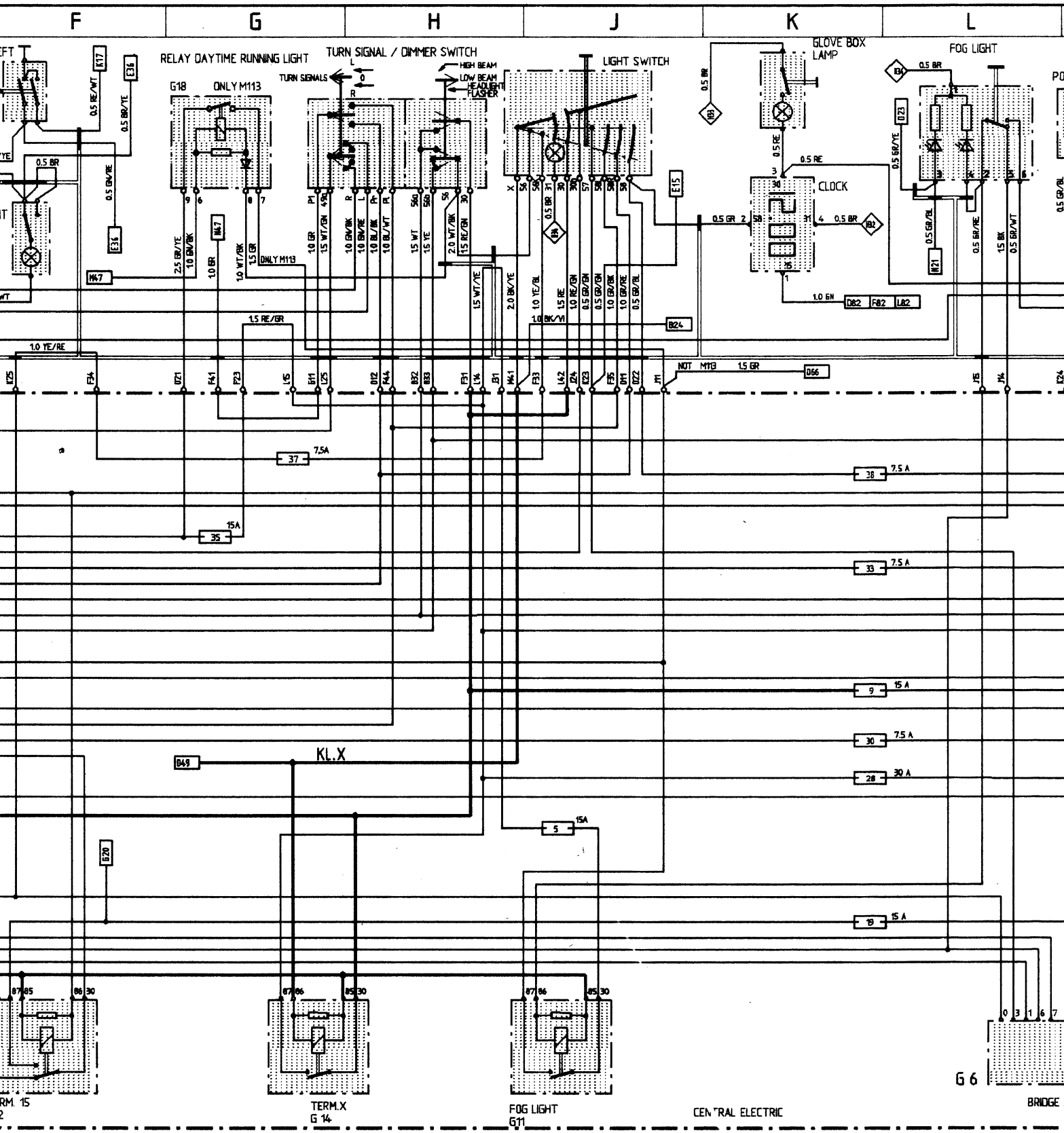


- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- MP GROUND POINT





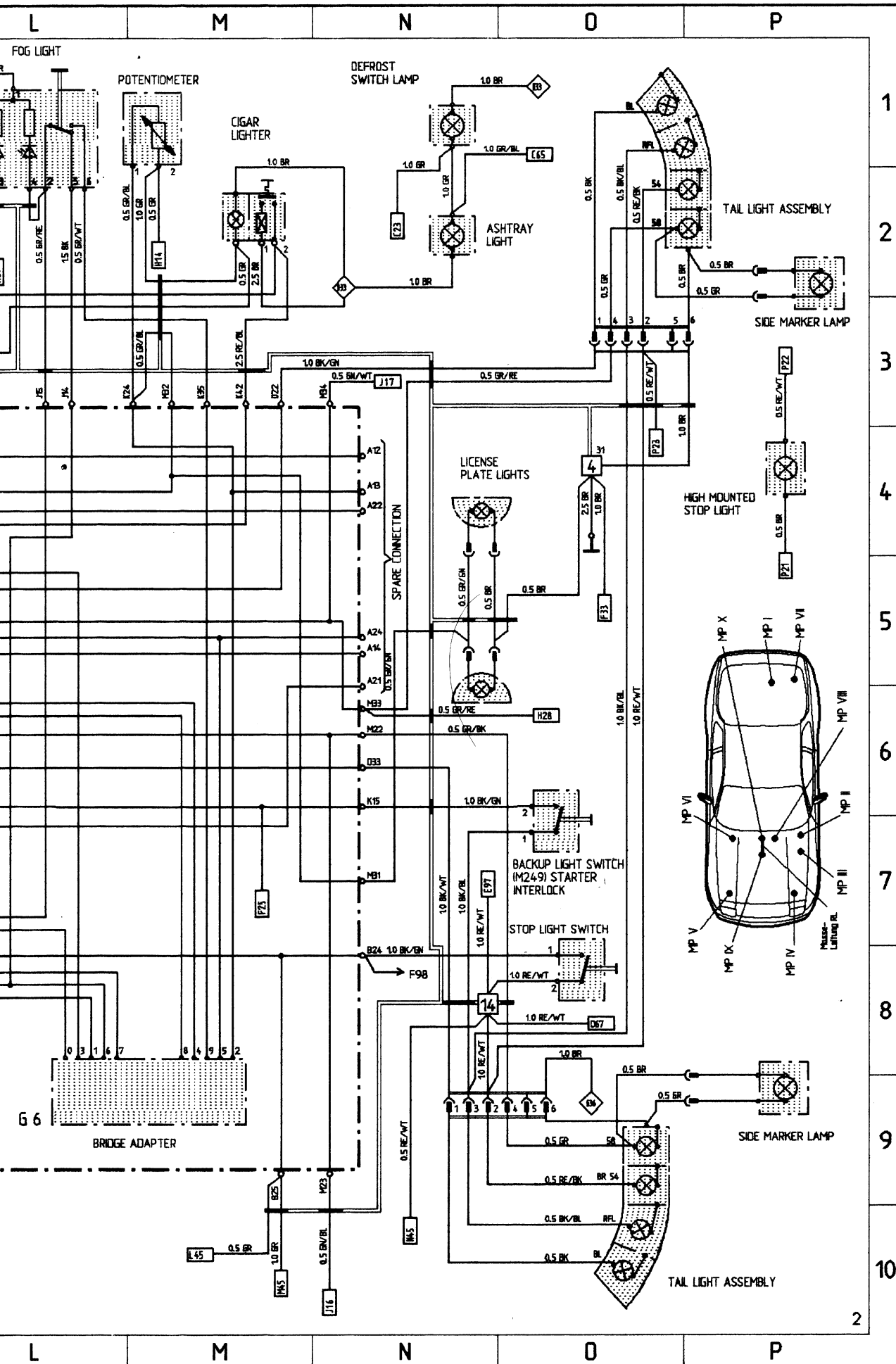




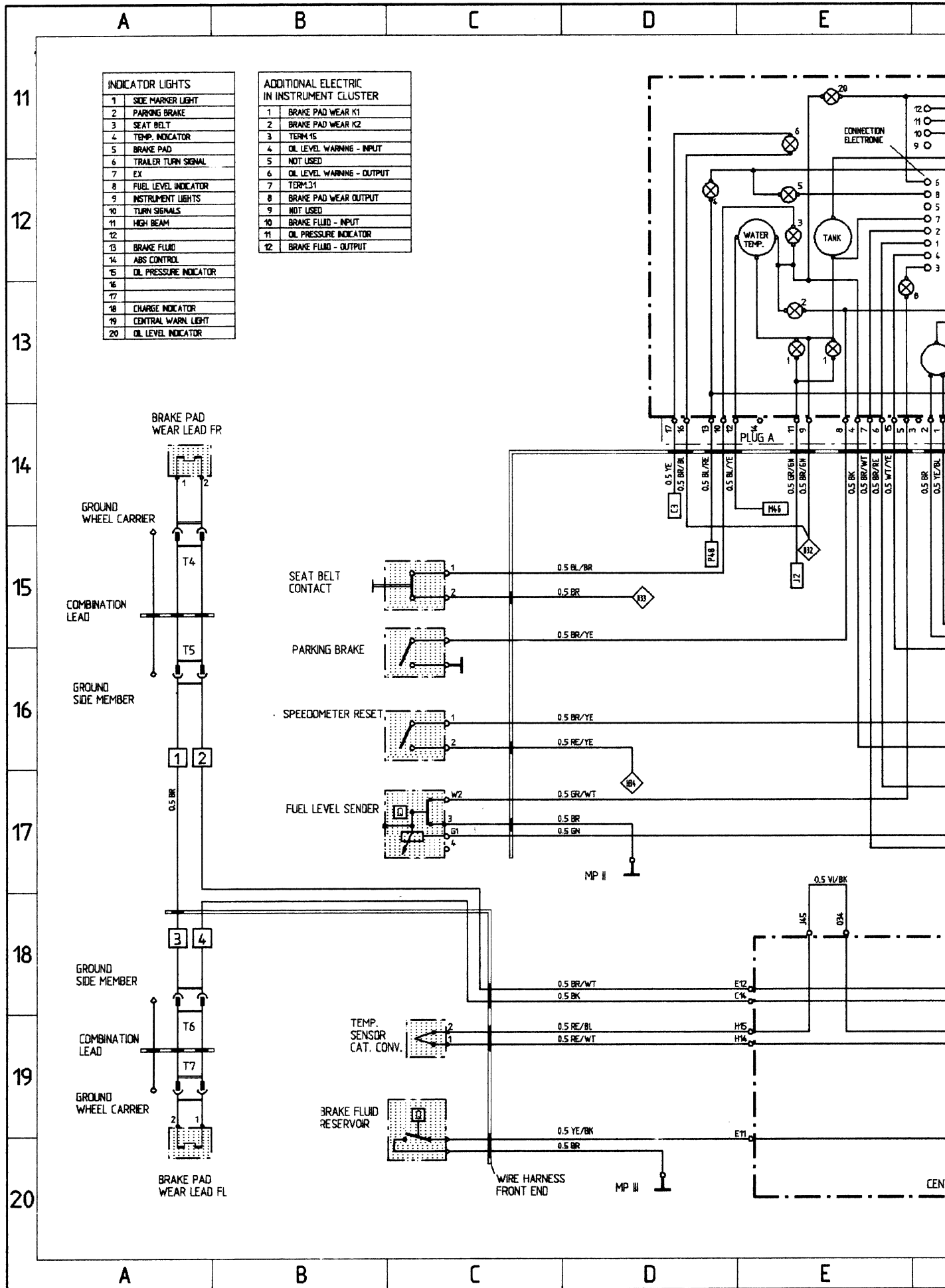
- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- MP GROUND POINT

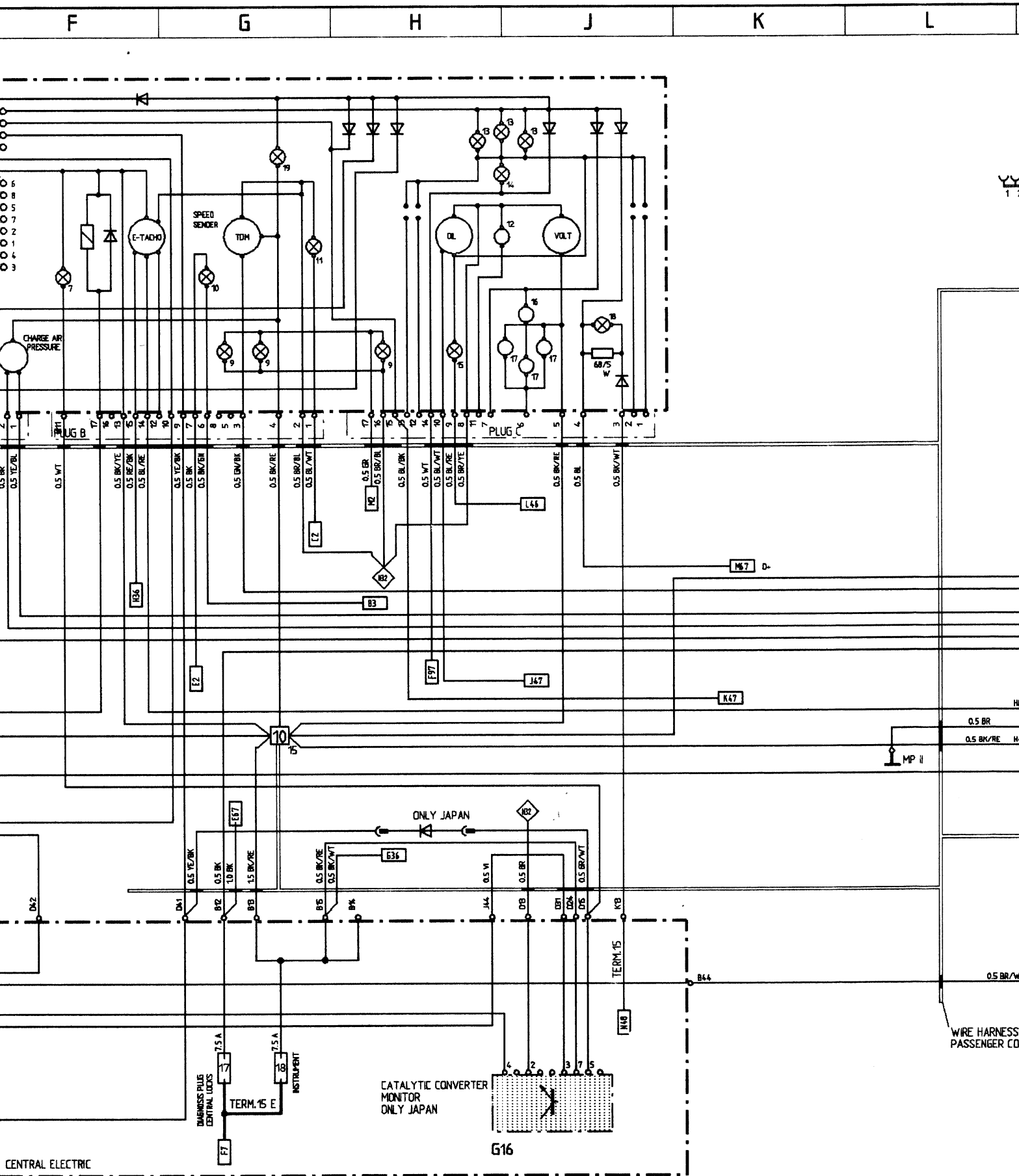
F
G
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BK = BLACK    WT = WHITE    RE = RED    GN = GREEN    YE = YELLOW    GR = GREY    BR = BROWN    BL = BLUE    VI = VIOLET



## INSTRUMENT CLUSTER AND SENDER ROW / JAPAN



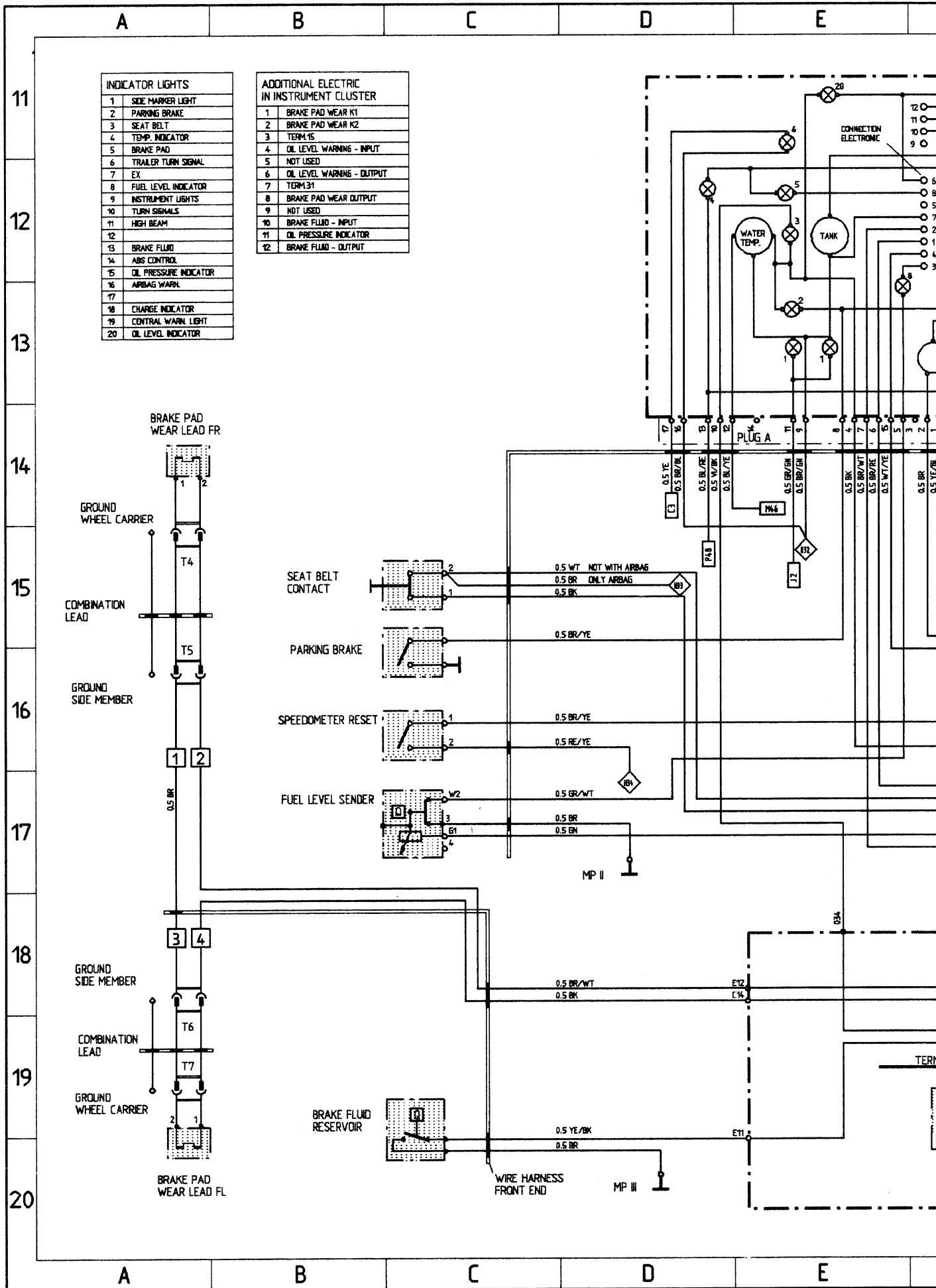


BK = BLACK WT = WHITE RE = RED GN = GREEN YE = YELLOW GR = GREY BR = BROWN BL = BLUE VI = VIOLET



# 944 Turbo, 944 S Model 90 Sheet 4

INSTRUMENT CLUSTER AND SENDER USA / OPT.EQUIPM.



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

ADDITIONAL ELECTRIC IN INSTRUMENT CLUSTER	
1	BRAKE PAD WEAR K1
2	BRAKE PAD WEAR K2
3	TEMP. 15
4	OIL LEVEL WARNING - INPUT
5	NOT USED
6	OIL LEVEL WARNING - OUTPUT
7	TEMP. 31
8	BRAKE PAD WEAR OUTPUT
9	NOT USED
10	BRAKE FLUID - INPUT
11	OIL PRESSURE INDICATOR
12	BRAKE FLUID - OUTPUT

11  
12  
13  
14  
15  
16  
17  
18  
19  
20

A

B

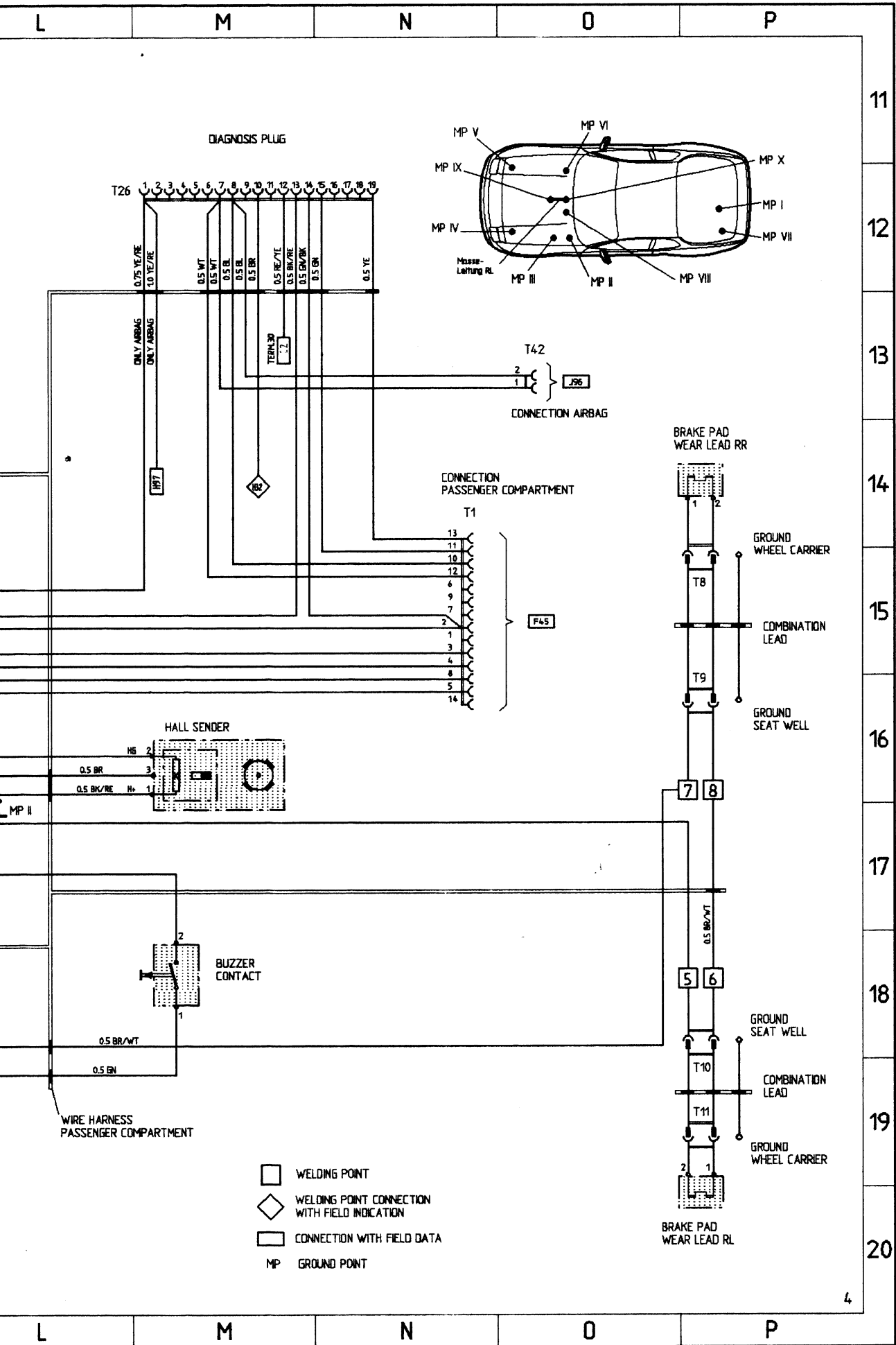
C

D

E

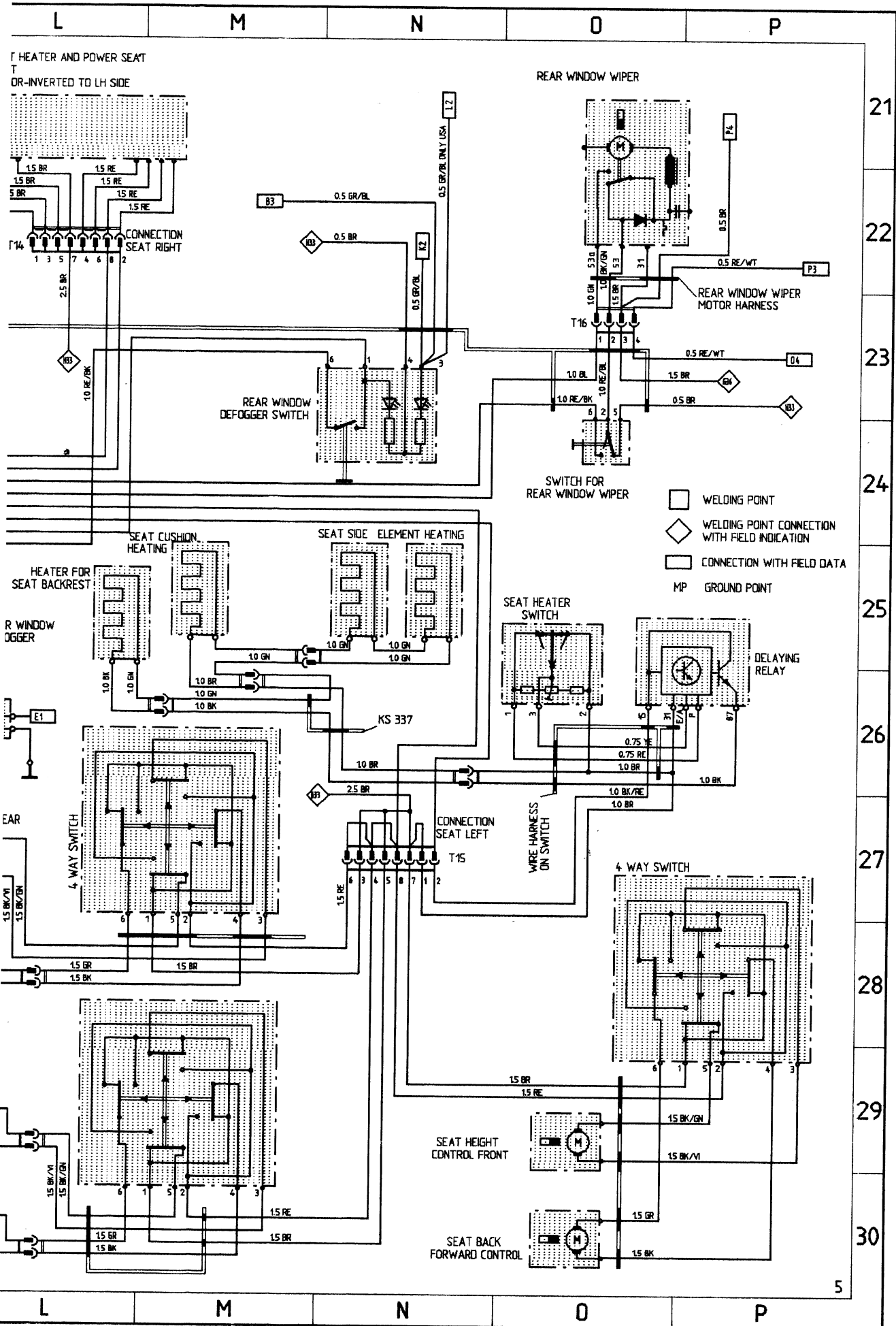


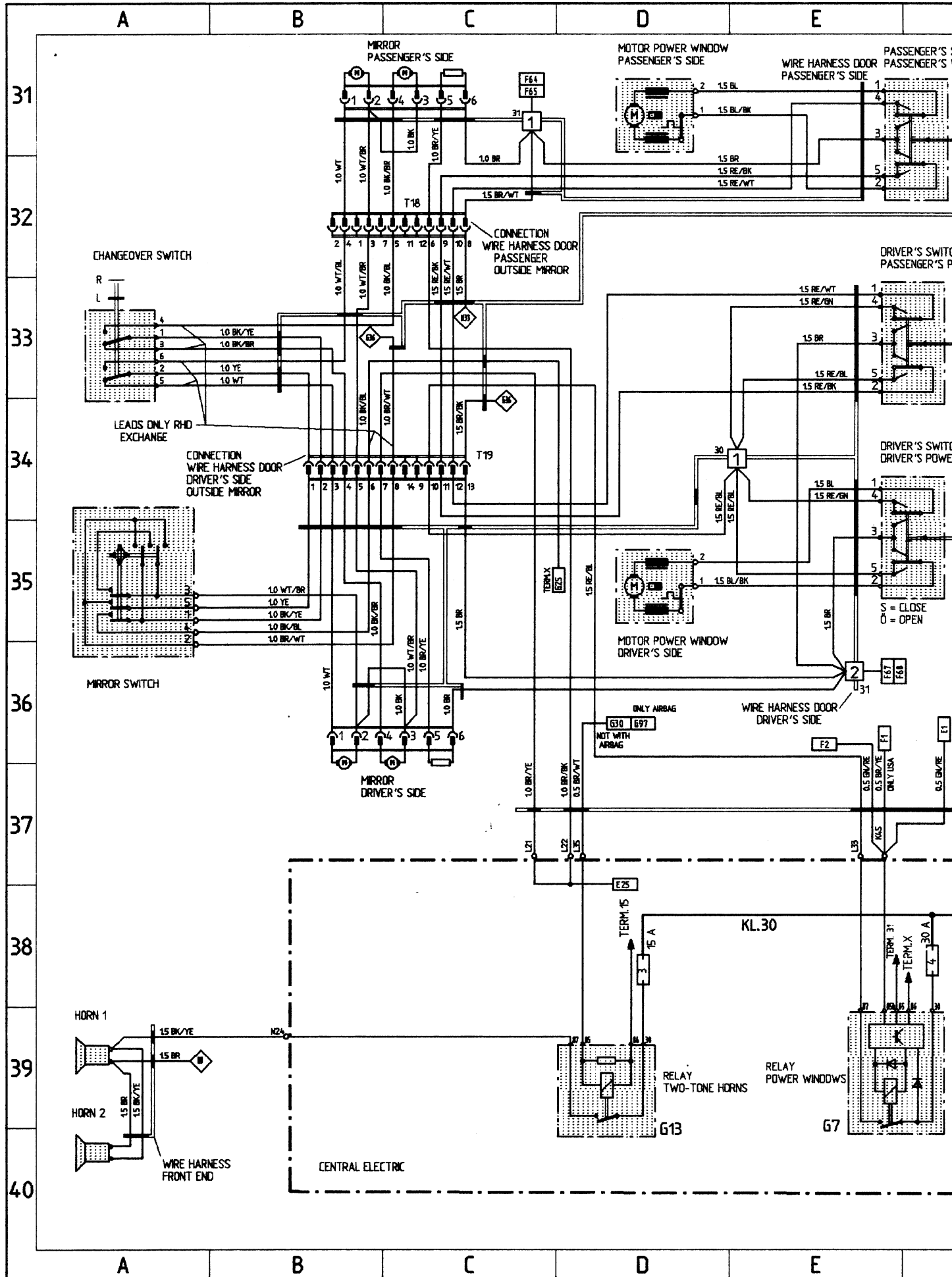


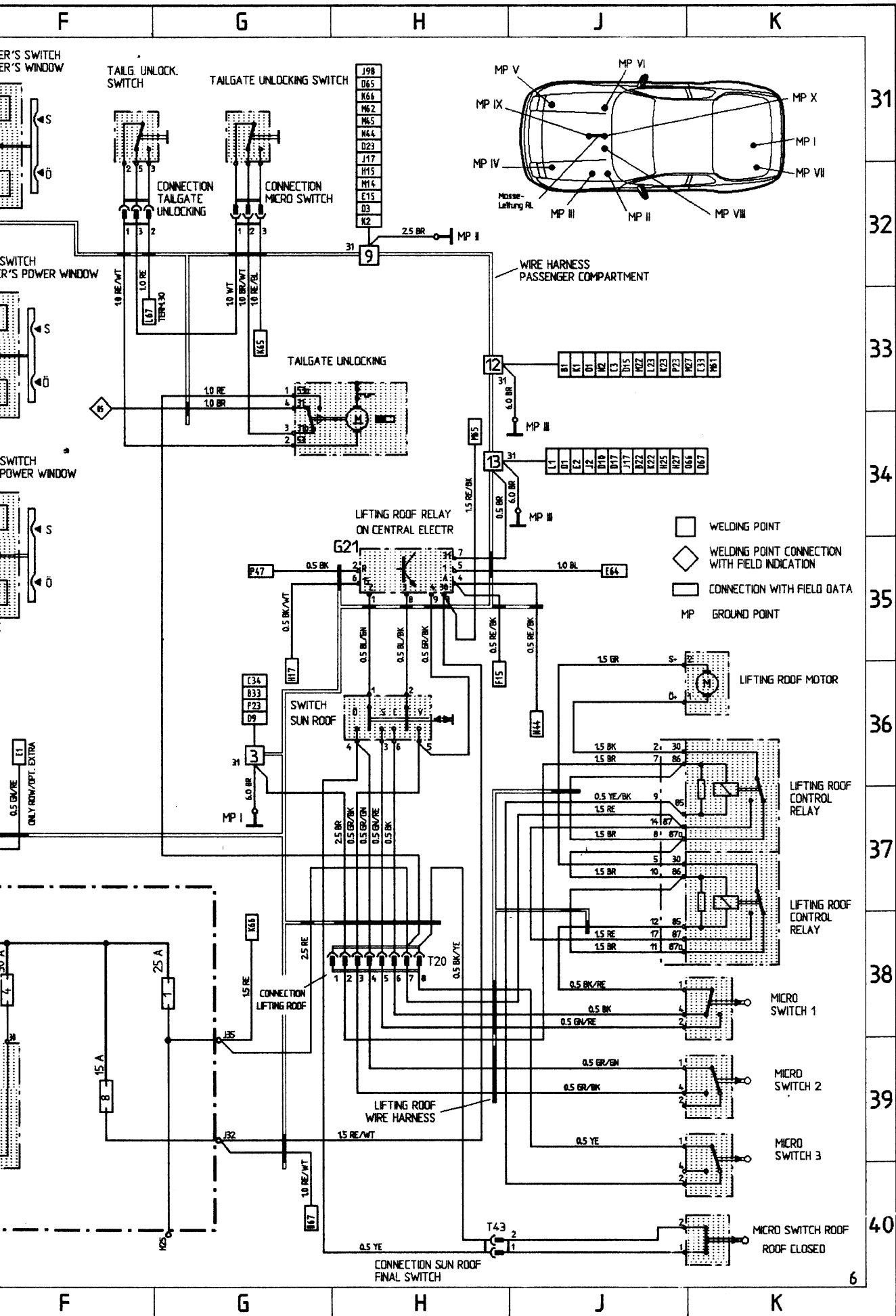










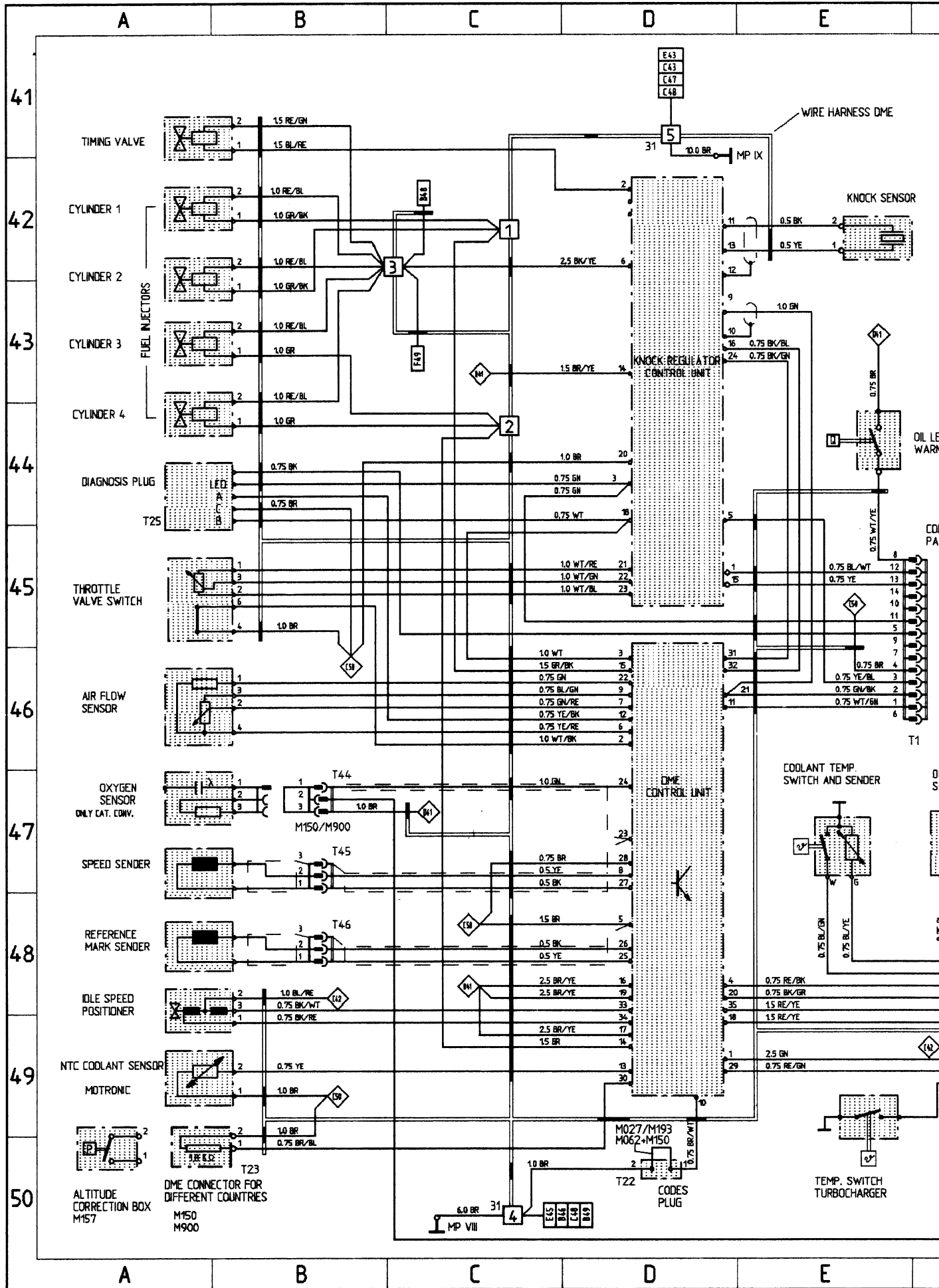


- WELDING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD DATA
- MP GROUND POINT

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

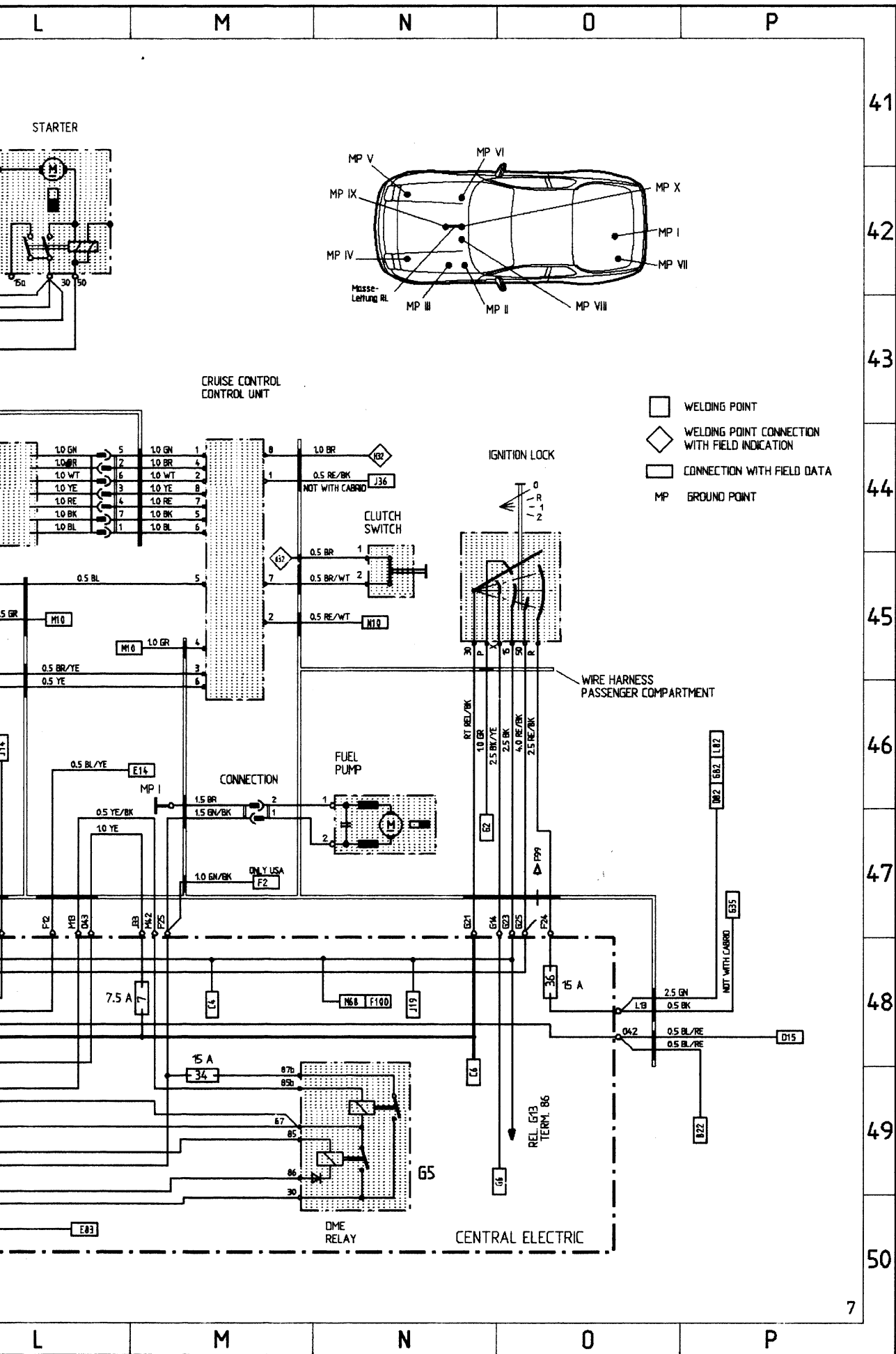
# 944 Turbo Model 90 Sheet 7

## ENGINE COMPARTMENT, CRUISE CONTROL - 944 Turbo



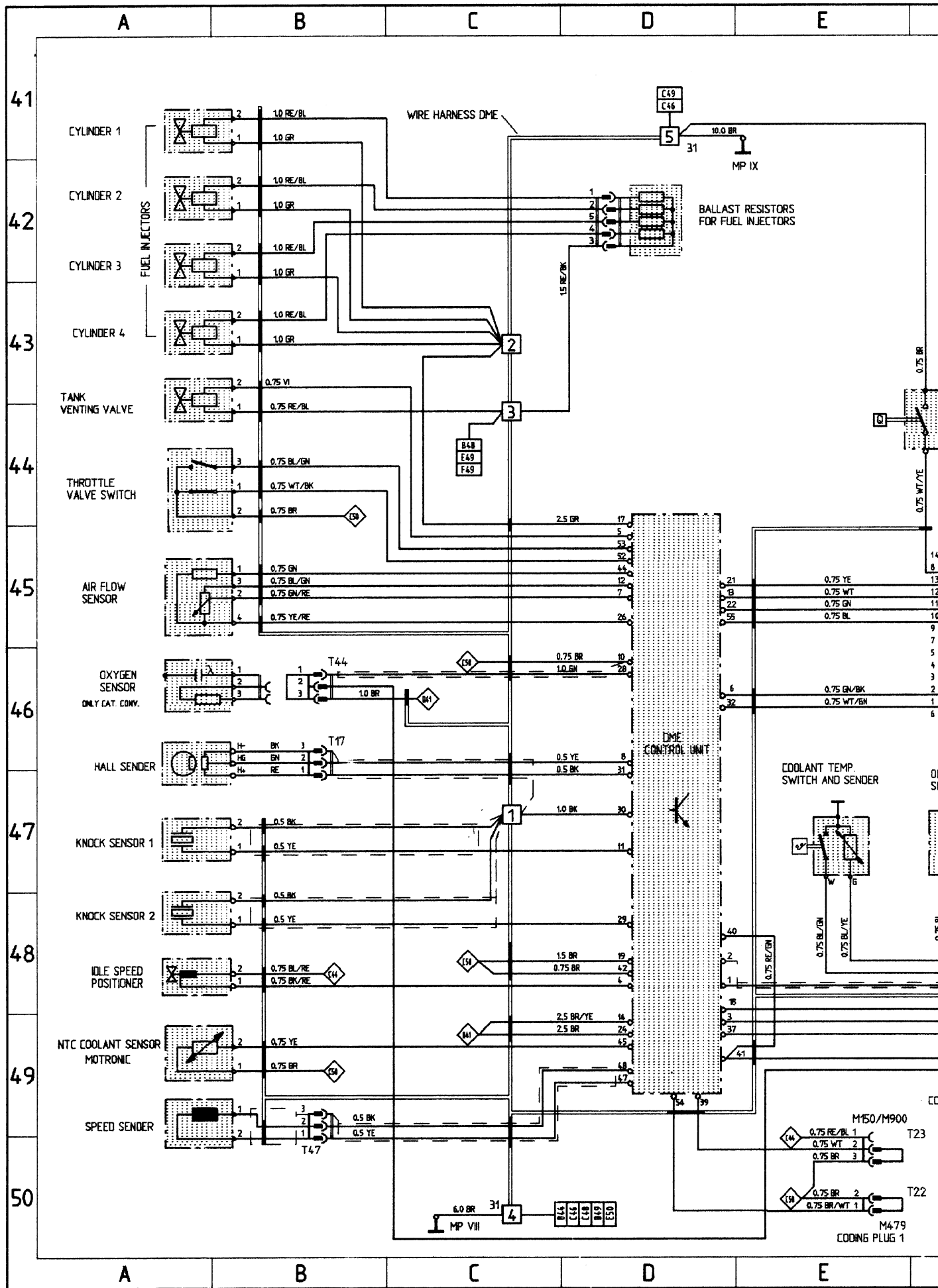


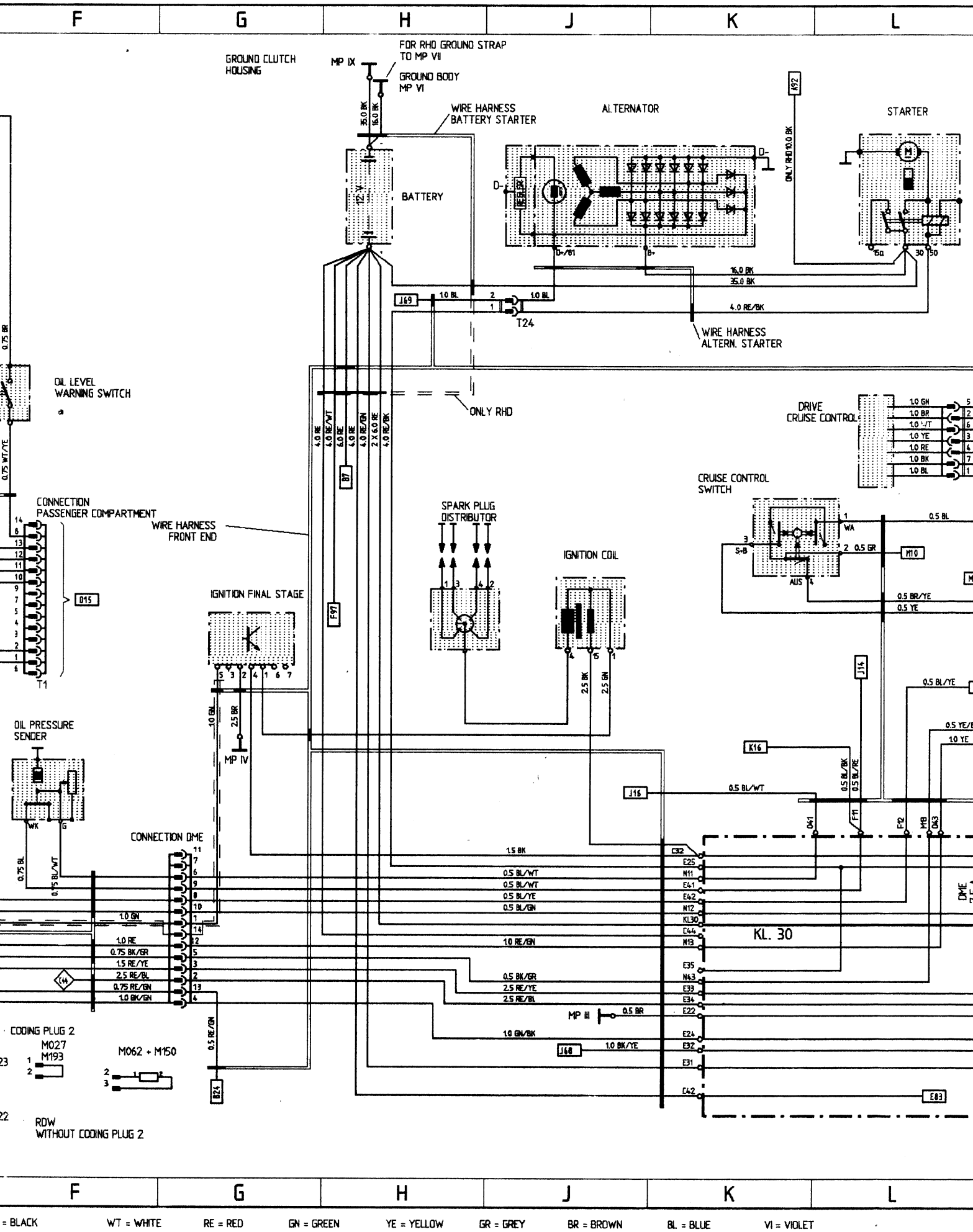




# 944 S Model 90 Sheet 8

## ENGINE COMPARTMENT, CRUISE CONTROL 4-VALVE ENGINE





23 CODING PLUG 2  
M027  
M193

22 RDW WITHOUT CODING PLUG 2

21

20

19

18

17

16

15

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12

11

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9

8

7

6

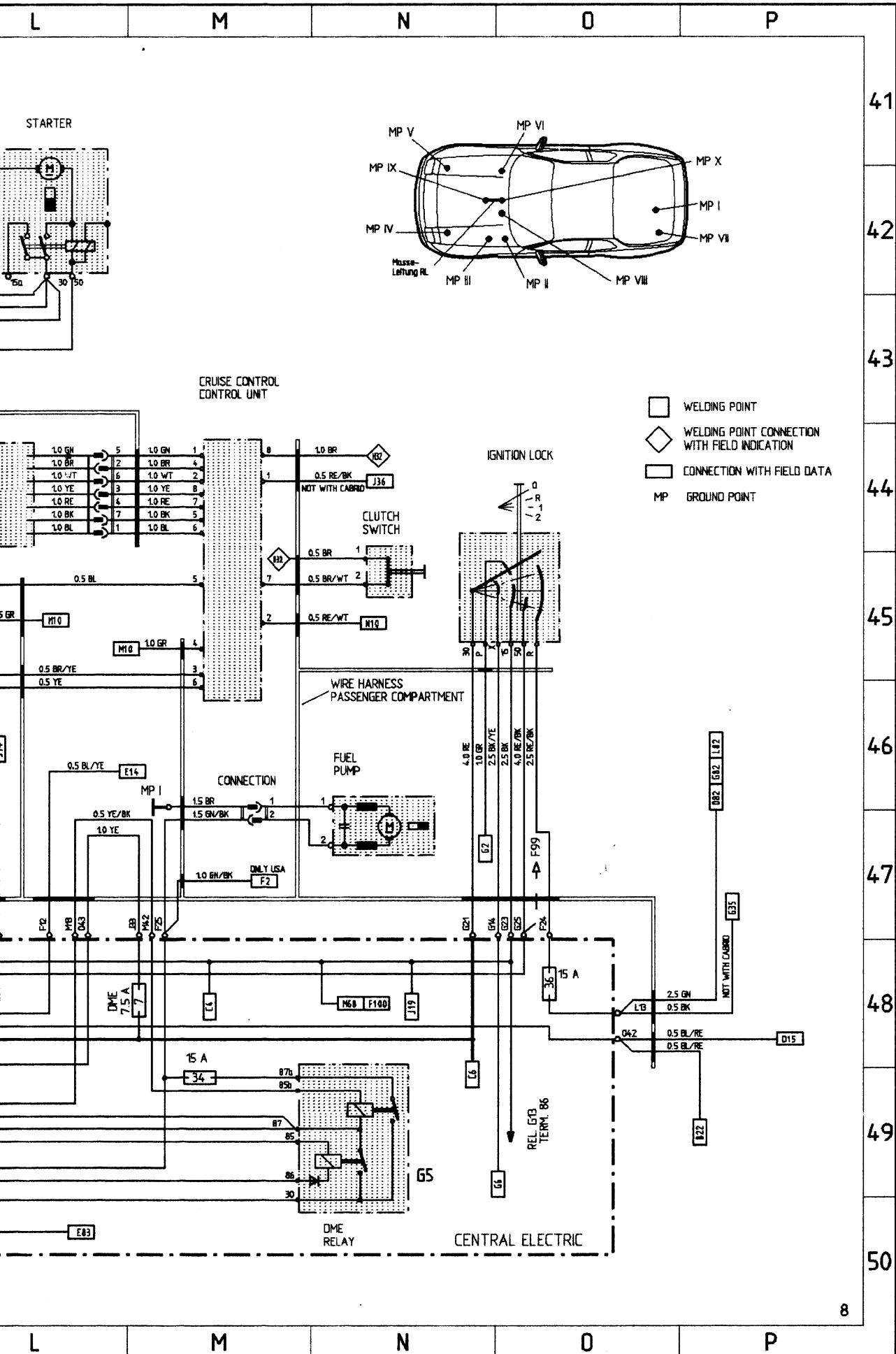
5

4

3

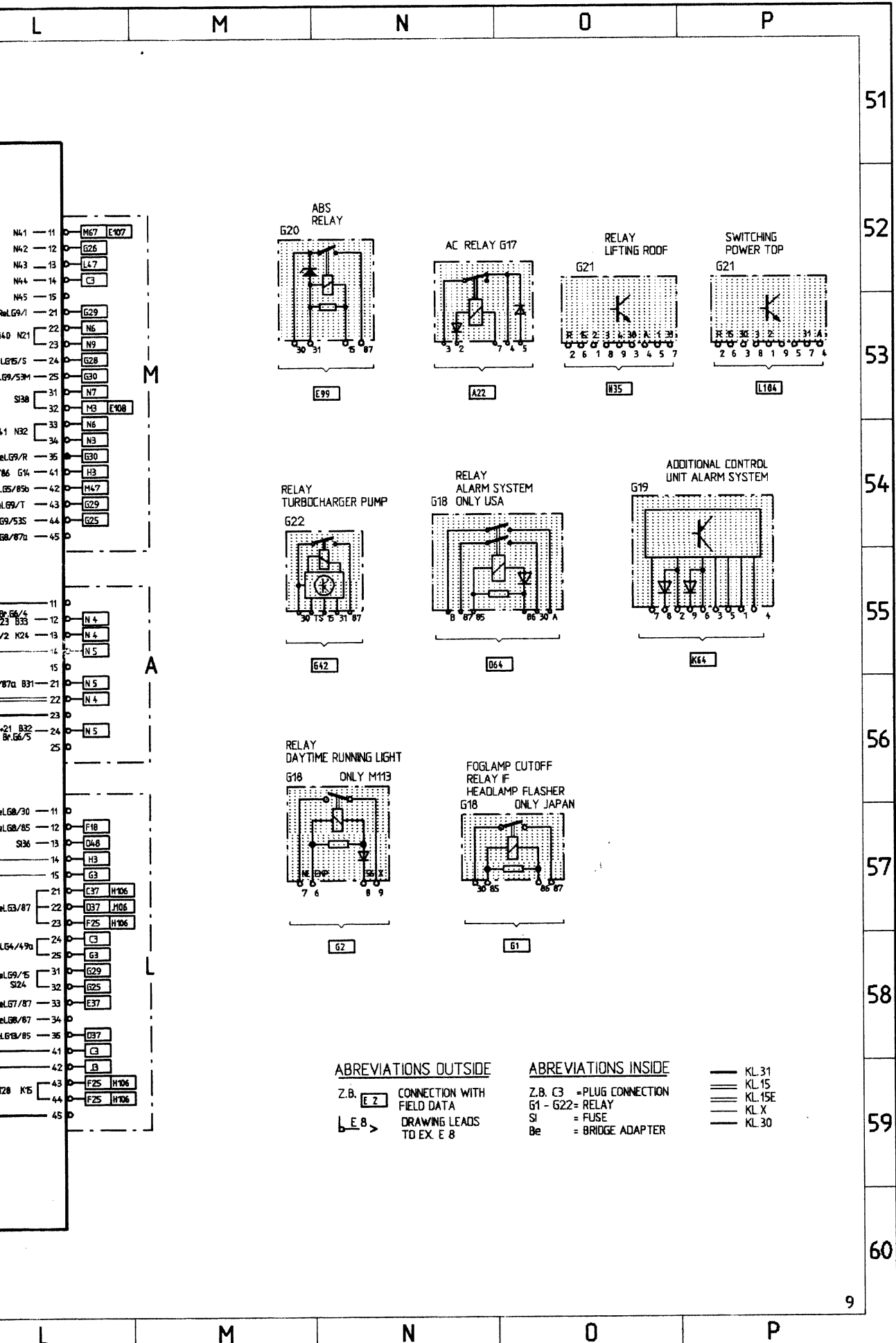
2

1









N4.1	11	M67	E107
N4.2	12	G26	
N4.3	13	L47	
N4.4	14	C3	
N4.5	15		
N4.6	21	G29	
N4.7	22	N6	
N4.8	23	H9	
N4.9	24	G28	
N4.10	25	G30	
N4.11	31	N7	
N4.12	32	M3	E108
N4.13	33	N6	
N4.14	34	N3	
N4.15	35	G30	
N4.16	41	H3	
N4.17	42	M47	
N4.18	43	G29	
N4.19	44	G25	
N4.20	45		

N4.21	11	N4	
N4.22	12	N4	
N4.23	13	N4	
N4.24	14	N5	
N4.25	15		
N4.26	21	N5	
N4.27	22	N4	
N4.28	23		
N4.29	24	N5	
N4.30	25		

N4.31	11	F18	
N4.32	12	G48	
N4.33	13	H3	
N4.34	14	G3	
N4.35	15		
N4.36	21	E37	H106
N4.37	22	G37	J106
N4.38	23	F25	H106
N4.39	24	C3	
N4.40	25	G3	
N4.41	31	G29	
N4.42	32	G25	
N4.43	33	E37	
N4.44	34		
N4.45	35	E37	
N4.46	41	C3	
N4.47	42	J3	
N4.48	43	F25	H106
N4.49	44	F25	H106
N4.50	45		

ABBREVIATIONS OUTSIDE

Z.B. **E 2** CONNECTION WITH FIELD DATA  
**E 8** DRAWING LEADS TO EX. E 8

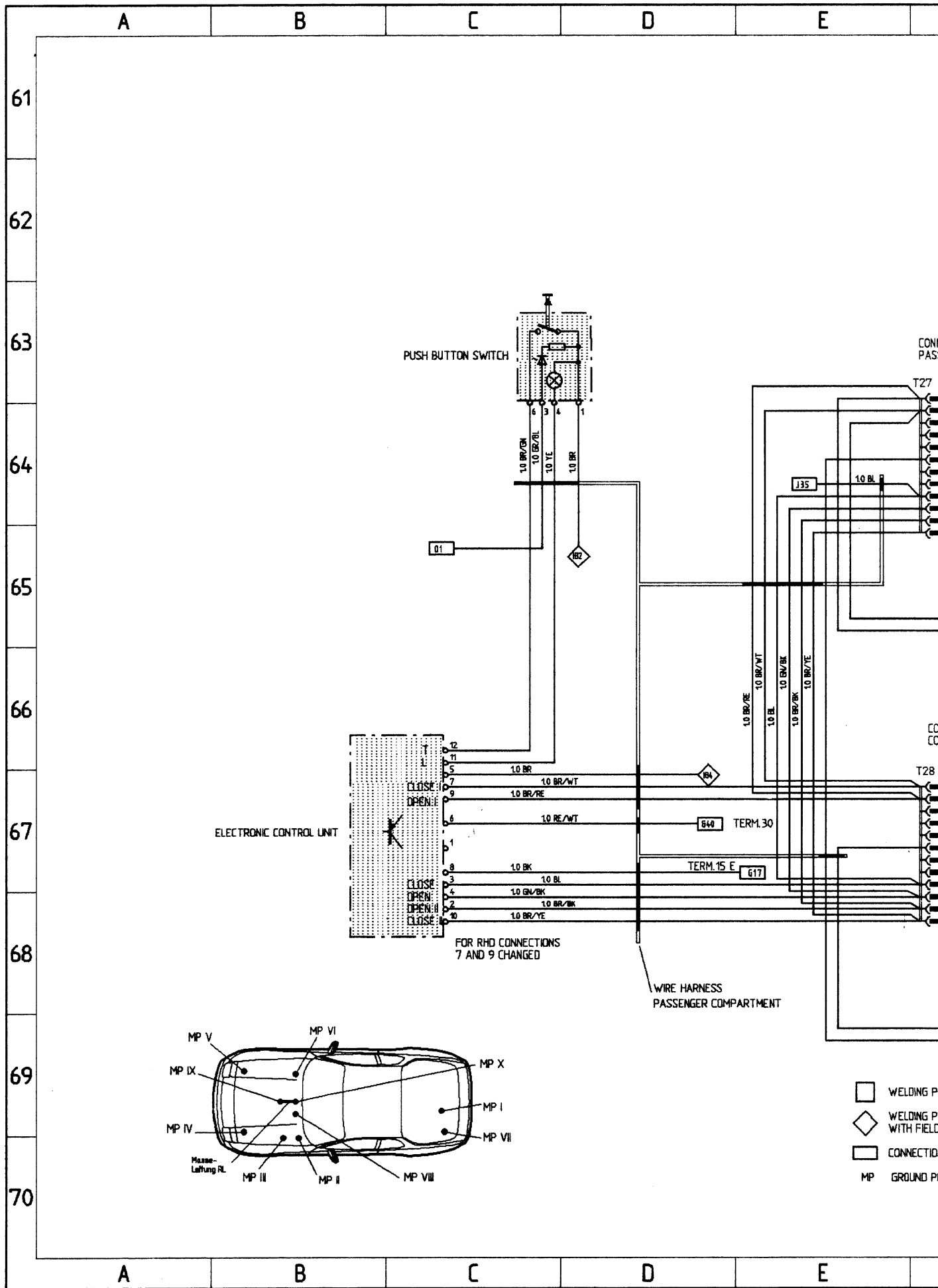
ABBREVIATIONS INSIDE

Z.B. C3 = PLUG CONNECTION  
 G1 - G22 = RELAY  
 SI = FUSE  
 Be = BRIDGE ADAPTER

KL 31  
 KL 15  
 KL 15E  
 KL X  
 KL 30

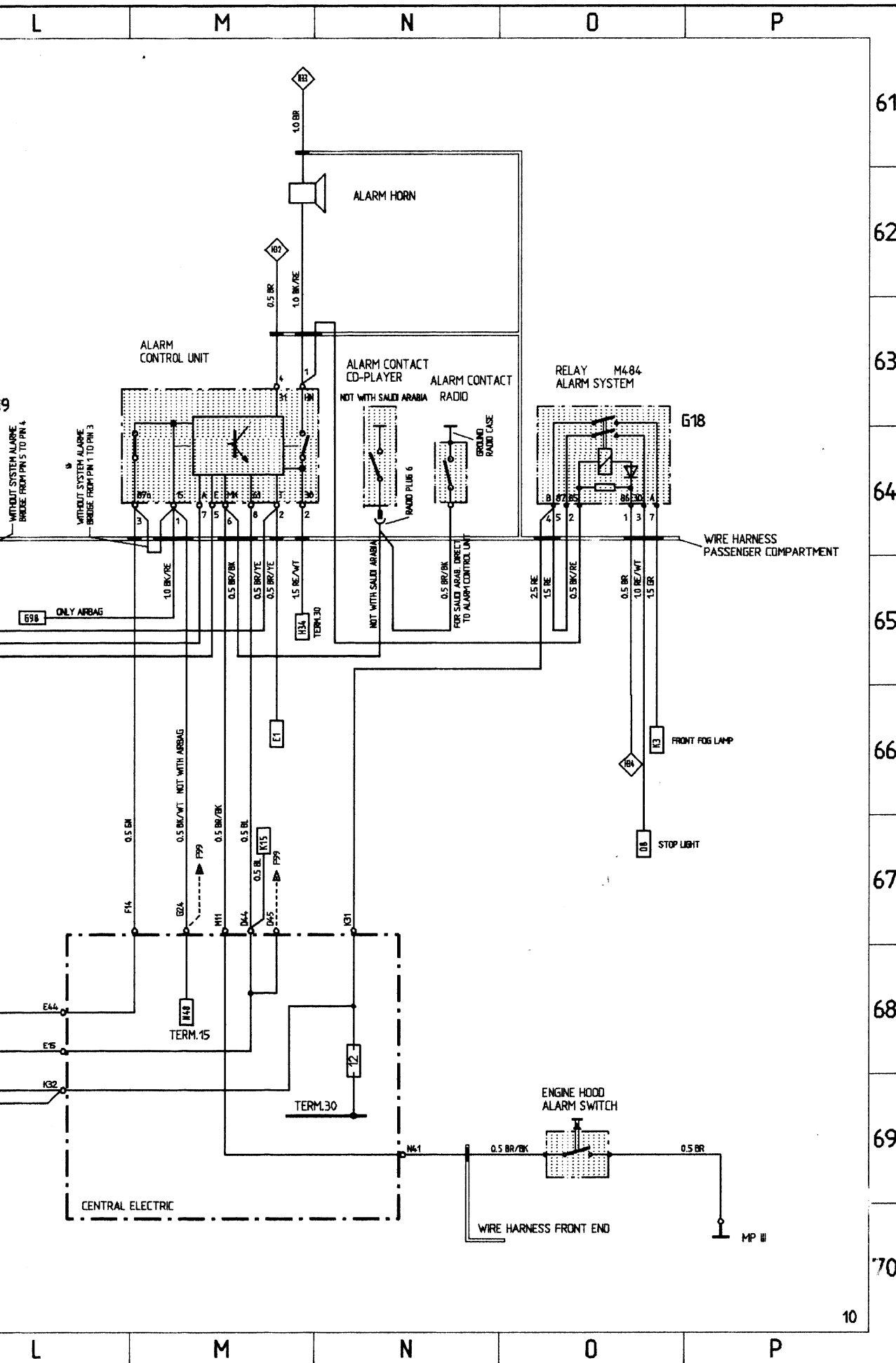
# 944 Turbo, 944 S Model 90 Sheet 10

## CENTRAL LOCKS, ALARM SYSTEM

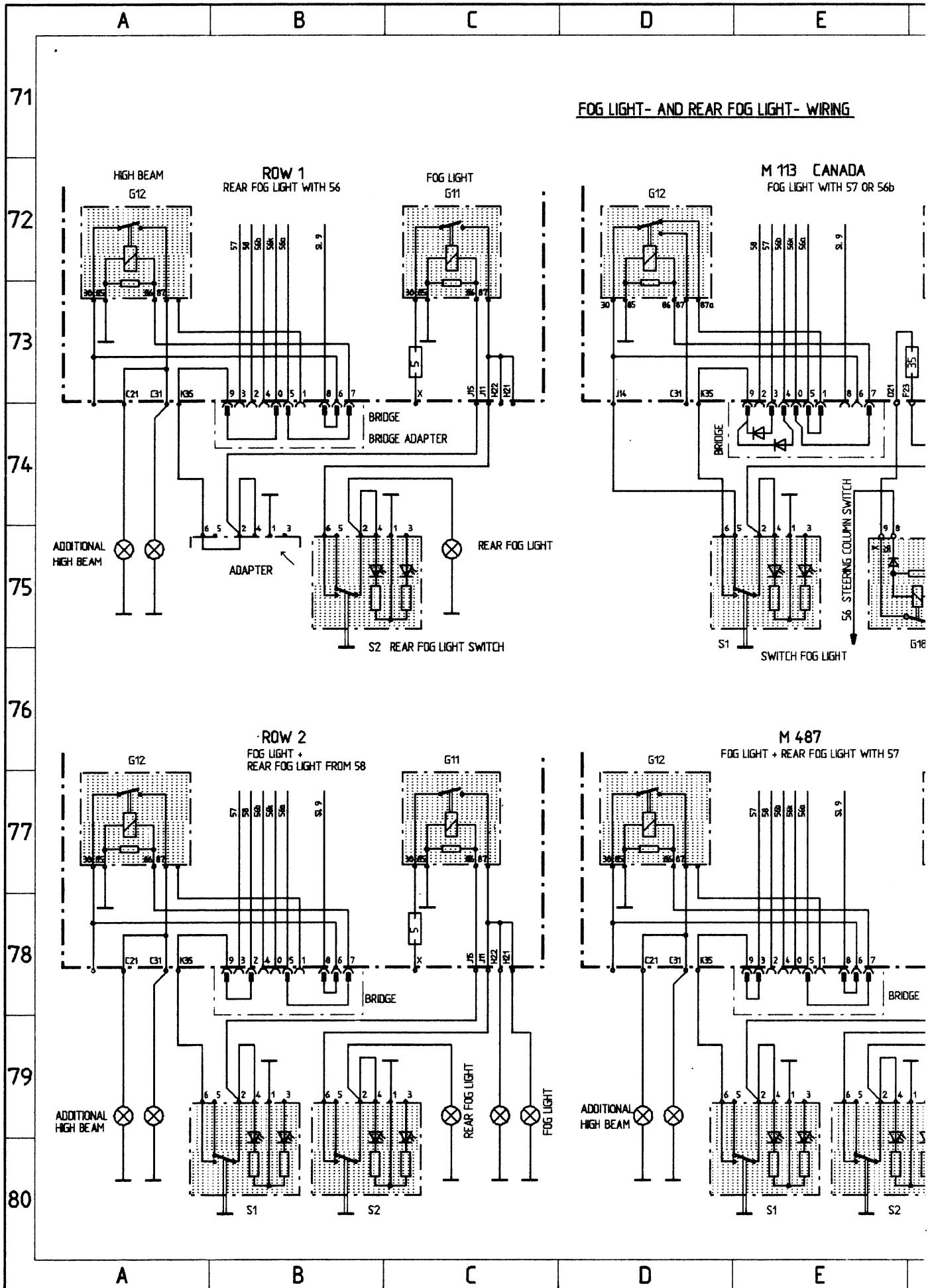


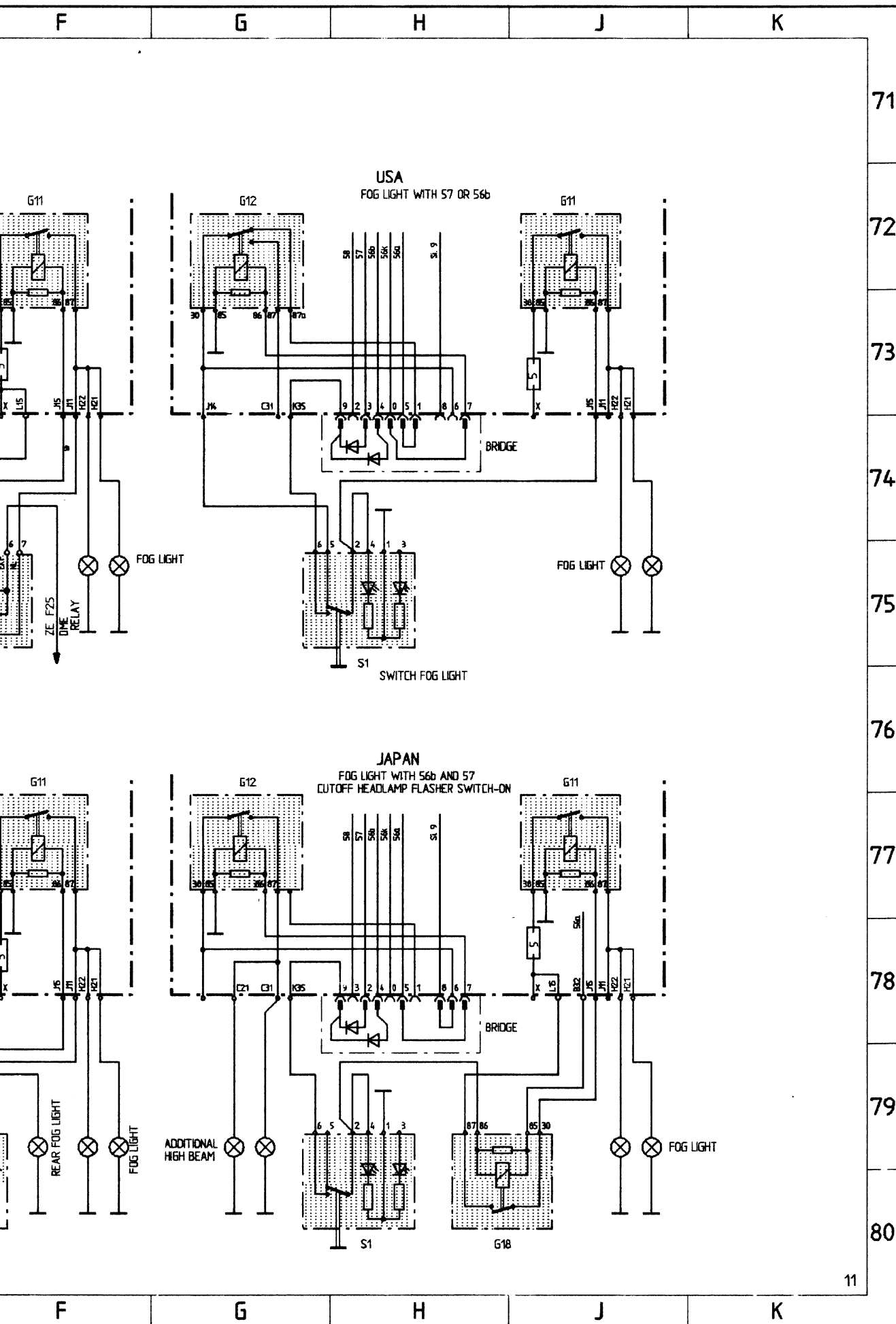




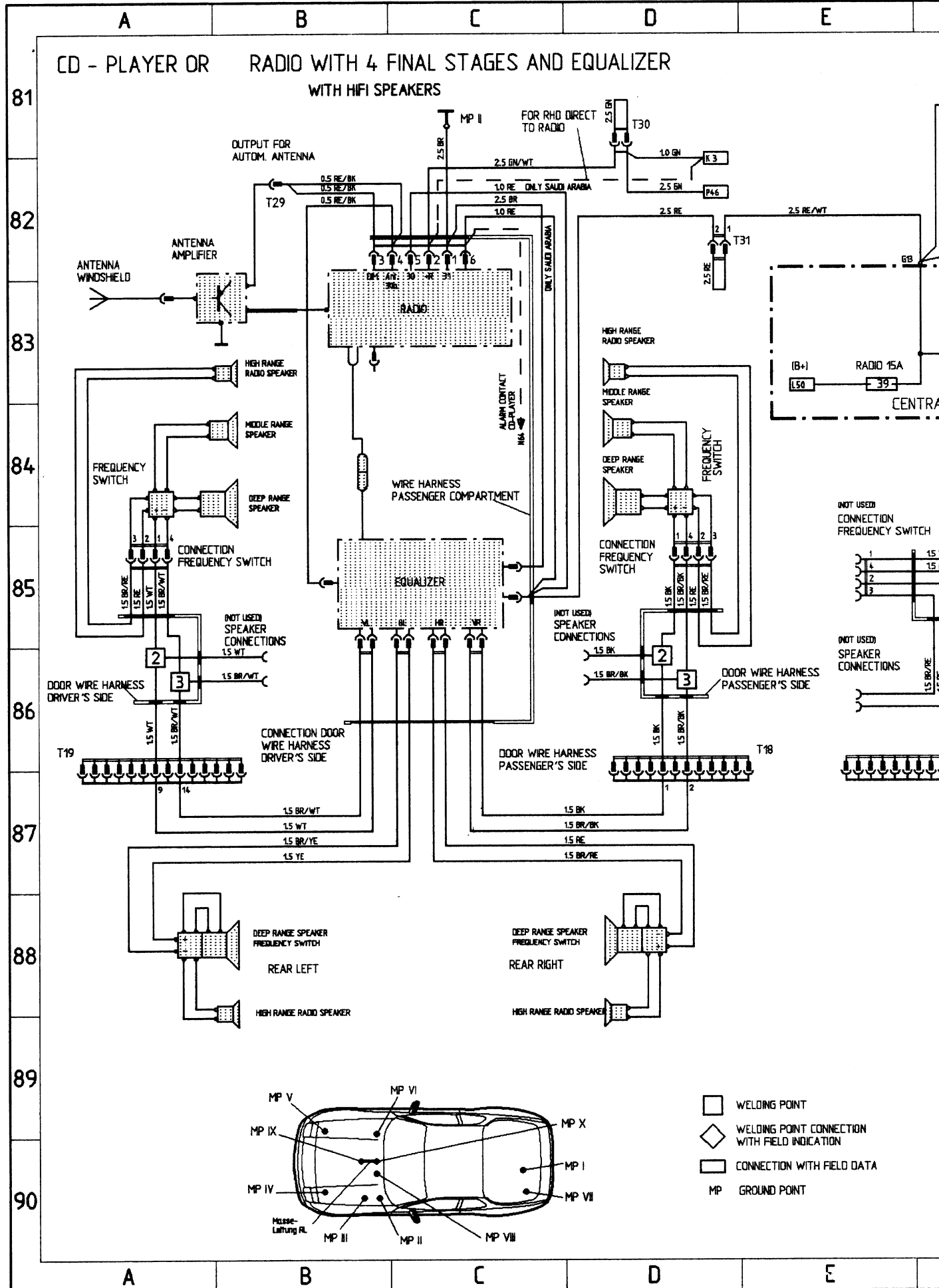


## FOG LIGHT, REAR FOG LIGHT

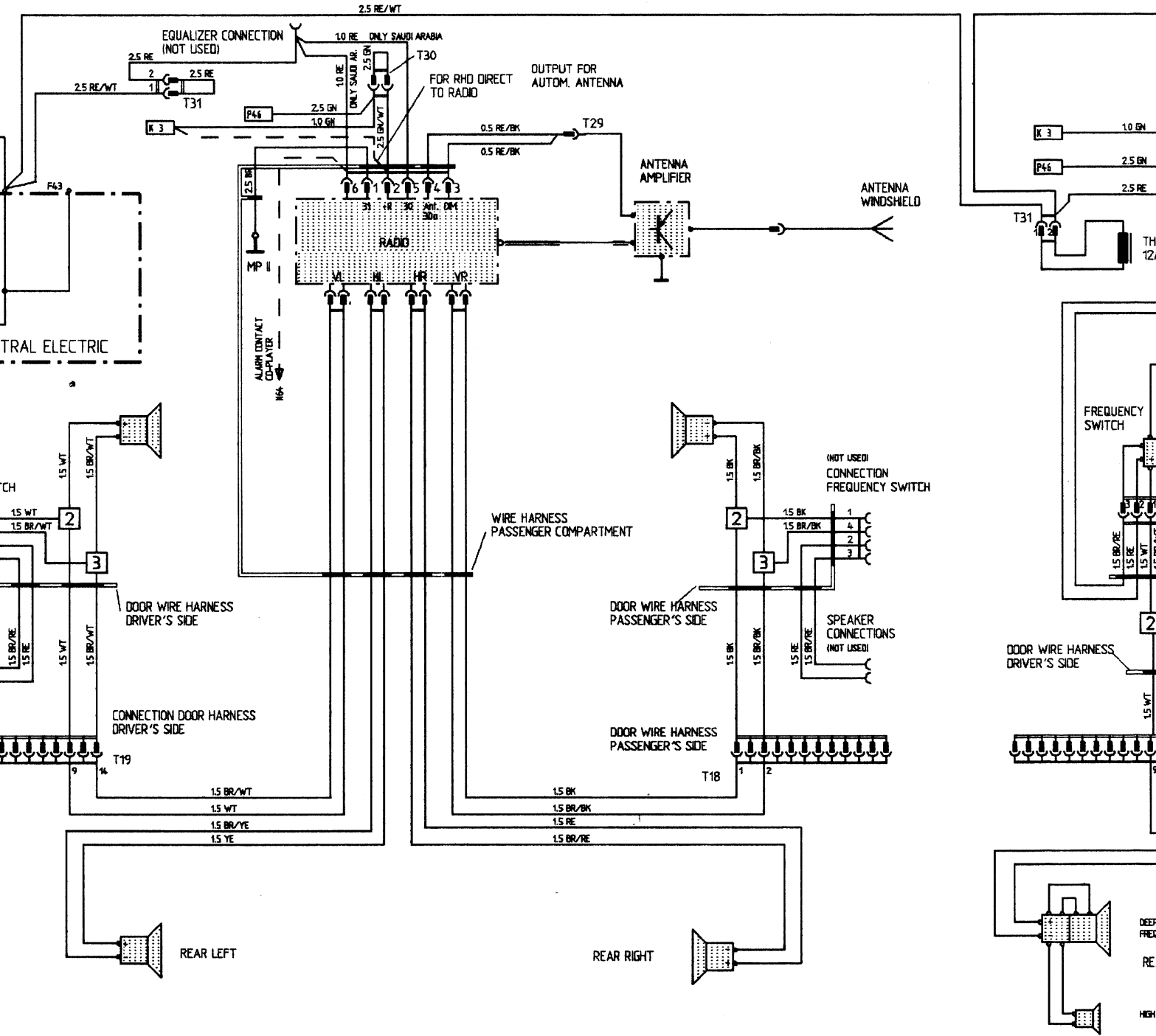




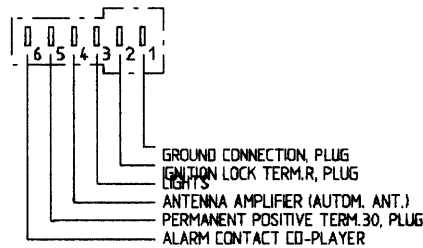
## RADIO



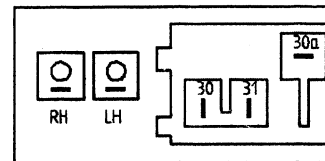
RADIO WITH 4 FINAL STAGES  
RADIO WITH 2 FINAL STAGES AND 4 OUTPUTS

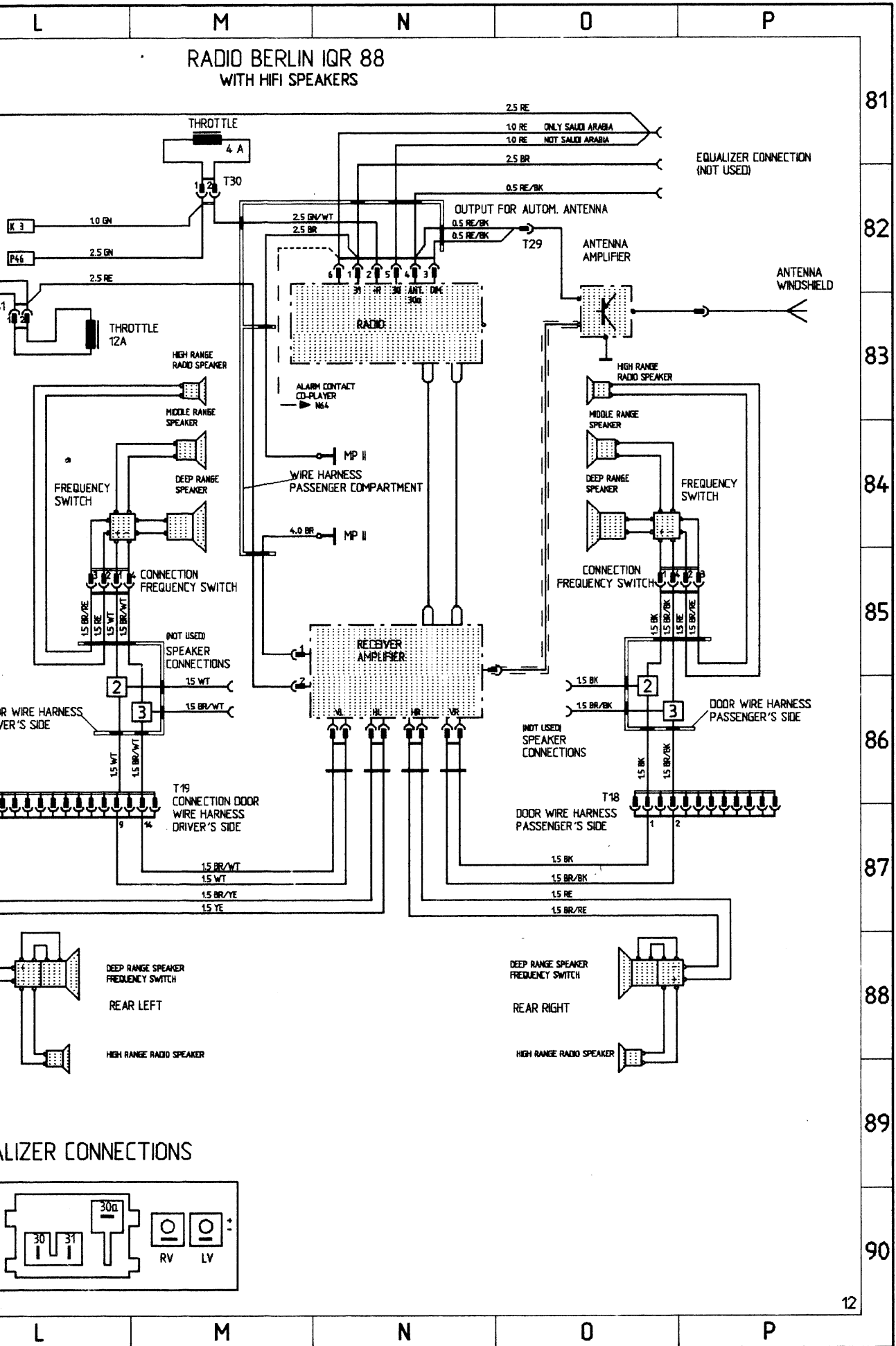


CONNECTIONS ON BACK OF RADIO



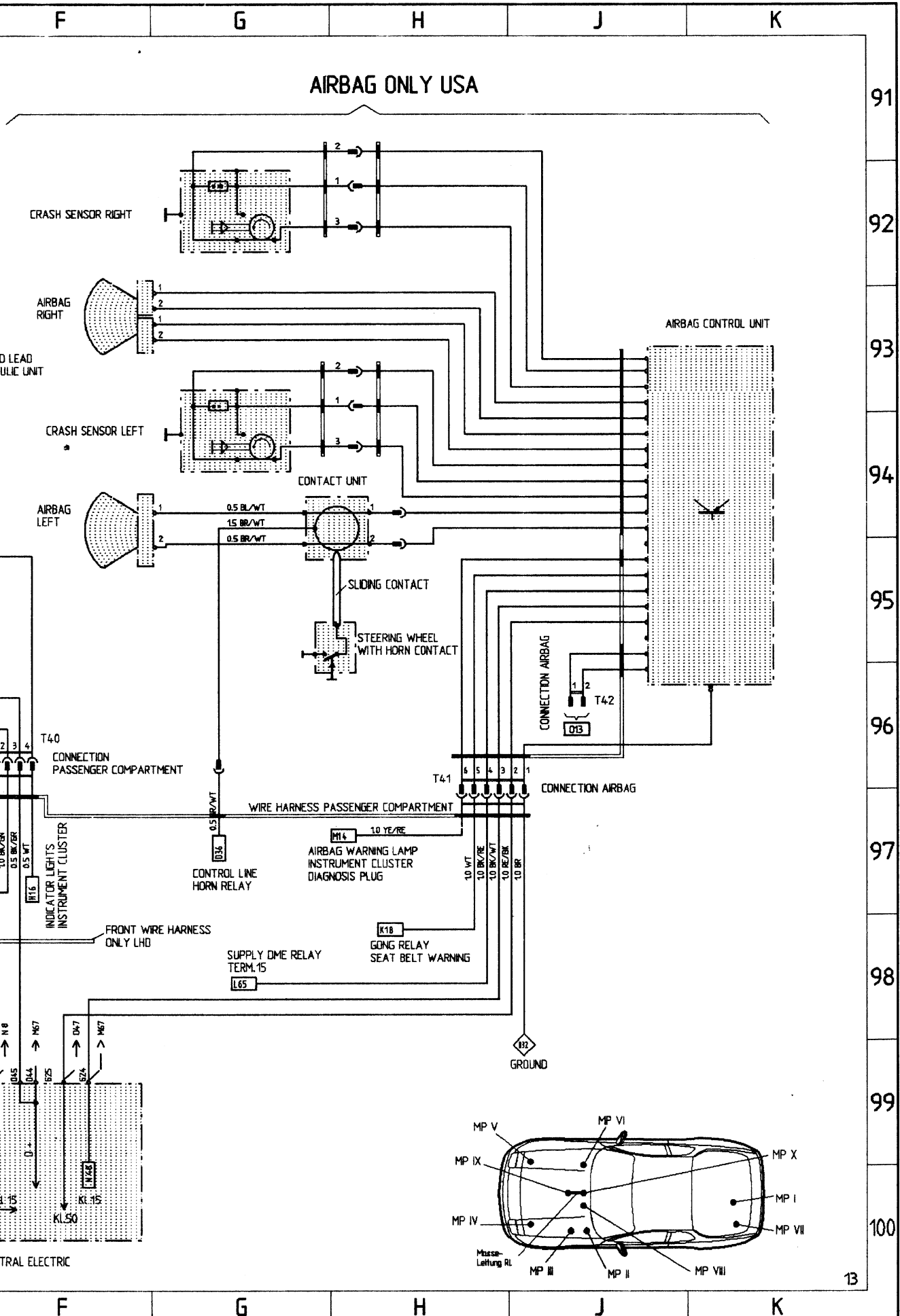
EQUALIZER CONNE



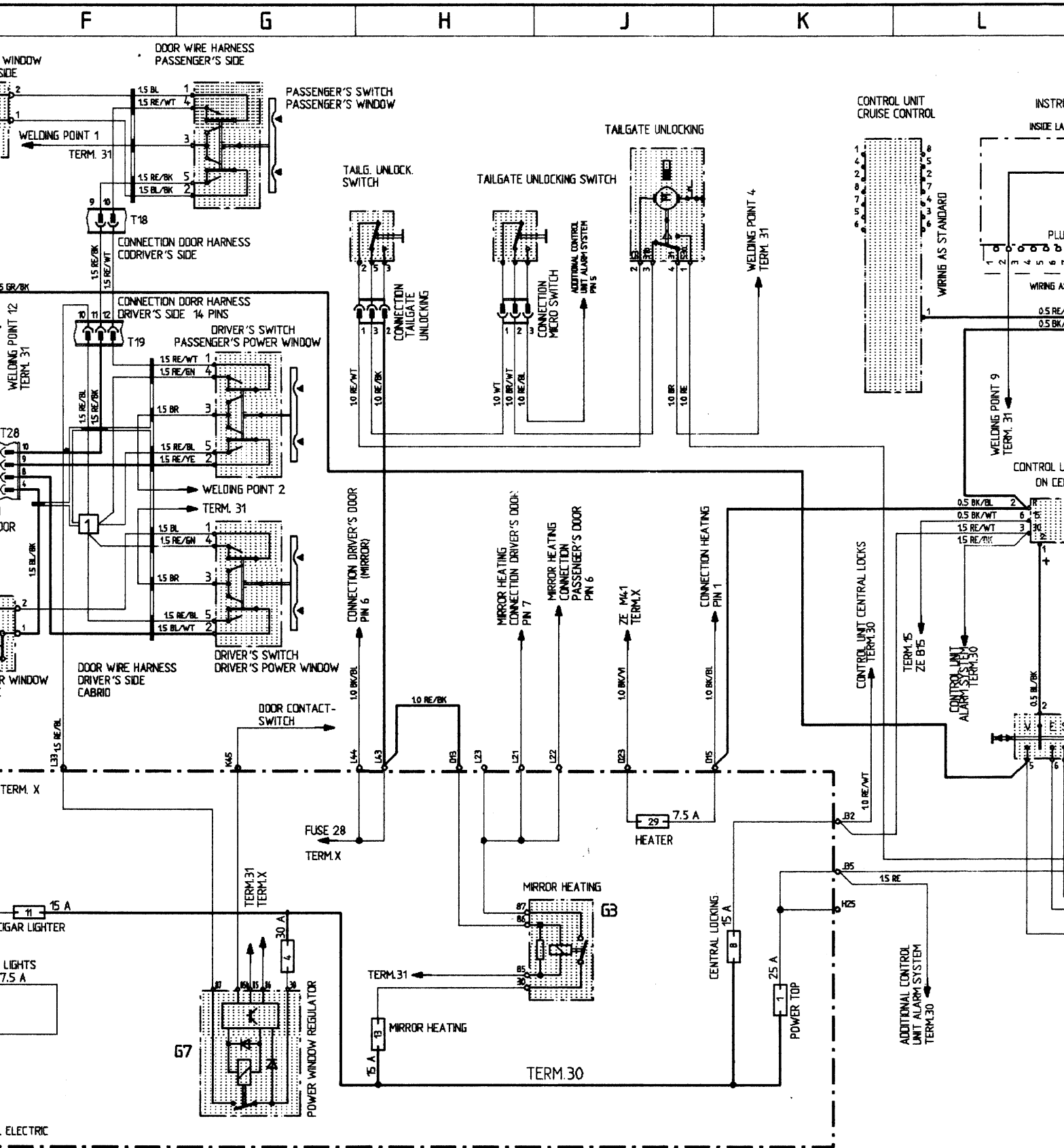




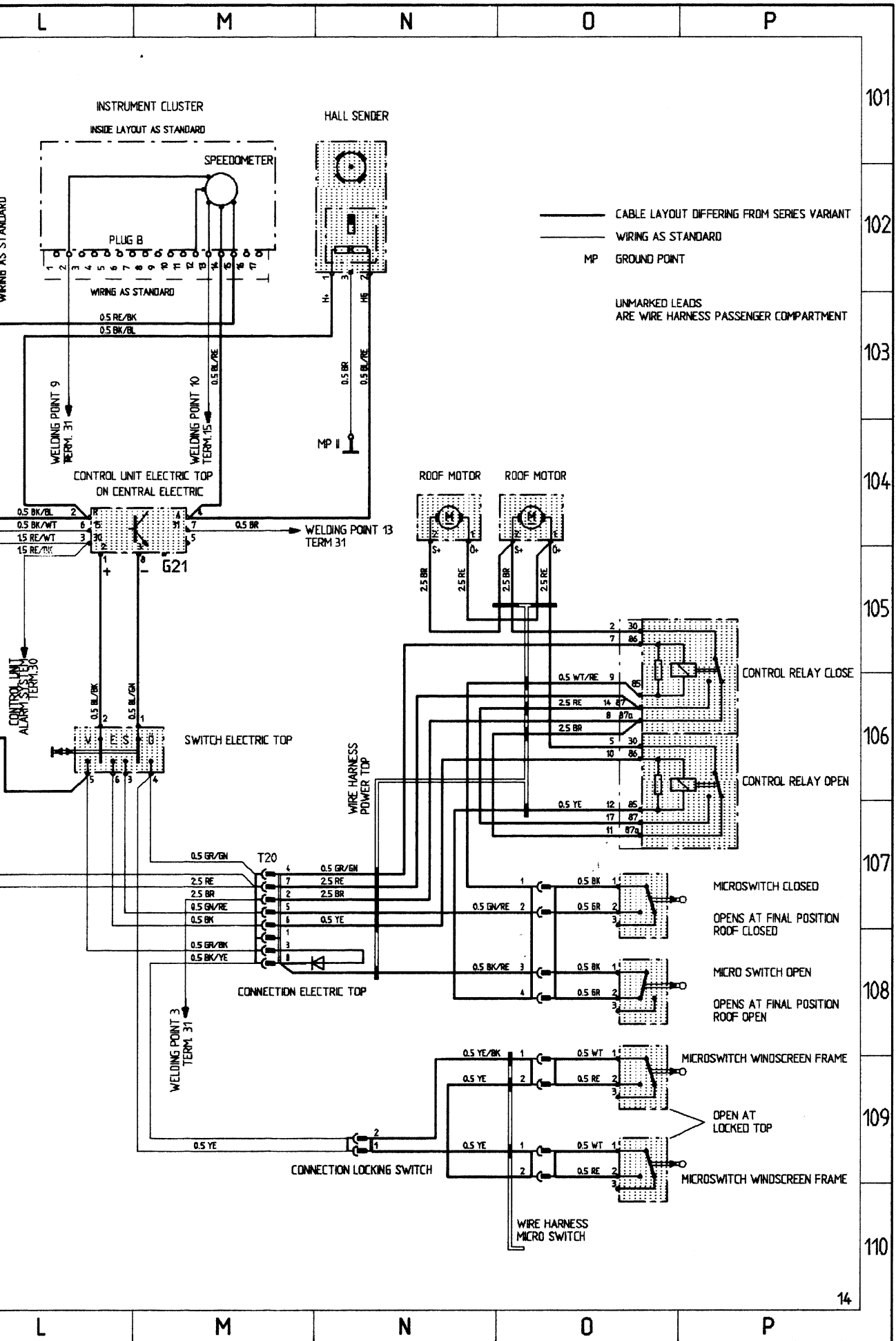








F G H J K L  
 K = BLACK WT = WHITE RE = RED GN = GREEN YE = YELLOW GR = GREY BR = BROWN BL = BLUE VI = VIOLET



# 944 Turbo, 944 S Model 90 Sheet 15

## CONSTRUCTION COMPONENTS

		A	B	C	D	E
<b>CONSTRUCTION COMPONENTS</b>						
DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE			FIELD IN WIRING DIAGRAM
	LHD	RHD				
AIRBAG PASSENGER'S SIDE	9bM	---	---	ABOVE GLOVE BOX	F93	
AIRBAG DRIVER'S SIDE	9bP	---	---	IN STEERING WHEEL	F94	
ALARM HORN	7bL	7bL	---	IN WATER BOX	N62	
ALARM SWITCH ENGINE HOOD	7bP	7bP	---	FIRE WALL LEFT	O69	
ANTENNA AMPLIFIER	7cL	7cL	---	IN FOOTWELL, RIGHT SIDE	A/J/083	
OUTSIDE TEMP. SENSOR	6cN	6cN	---	IN HEATER BOX	A23	
BATTERY	6cL	---	---	IN WATER BOX	H42	
BATTERY	---	16cR	---	IN BOHLMANN COMPARTMENT	H42	
REFERENCE MARK SENDER	6cN	6cN	---	ABOVE FLYWHEEL	A48	
BRAKE FLUID LEVEL CONTROL SWITCH	6cP	6cM	---	IN BRAKE FLUID RESERVOIR	B19	
STOP LIGHT SWITCH	7dP	7dM	---	TO FOOT CONTROLS	O8	
CABRIO: MICRO SWITCH ROOF LATCH	10aM/P	10aM/P	---	IN THE FRAME OF THE WINDSCREEN	D109	
CABRIO: MICRO SWITCH ROOF OPENED/CLOSED	13cL	13cL	---	CLOSE TO ROTATION POINT OF ROOF	D107/108	
CABRIO: ROOF MOTOR	14cN/D	14cN/O	---	BELOW THE PARCEL TRAY	N104	
CABRIO: CONTROL RELAY MOTOR TOP OPEN/CLOSE	14cM	14cM	---	IN LUGGAGE COMPARTMENT AT THE REAR SEAT PANEL	D106	
CABRIO: RELAY WINDOW LOWERING	6dM	6dP	---	IN PASSENGER'S FOOTWELL	E103	
CODES PLUG	7dM	7dP	---	IN PASSENGER'S FOOTWELL	E/F50	
DIAGNOSIS PLUG	7dM	7dP	---	IN PASSENGER'S FOOTWELL	A44	
SPEED SENDER	6cN	6cN	---	ABOVE FLYWHEEL	A47/A49	
THROTTLE VALVE SWITCH	4/5cD	4/5cD	---	ON THROTTLE VALVE ASSEMBLY	A45	
THROTTLE RADIO	8cP	---	---	ONLY RADIO BERLIN UNDER THE STEERING COLUMN	M81	
THROTTLE AMPLIFIER	8cP	---	---	ONLY RADIO BERLIN UNDER THE STEERING COLUMN	L83	
PRESSURE SWITCH AIR CONDITIONING SYSTEM	3dQ	3dQ	---	IN ENGINE COMPARTMENT FRONT LEFT	A24/25	
RECEIVER AMPLIFIER	8cP	---	---	ONLY RADIO BERLIN UNDER THE STEERING COLUMN	N85/N86	
CRASH SENSOR LEFT	7cQ	---	---	INSIDE FIREWALL LEFT	G94	
CRASH SENSOR RIGHT	7cL	---	---	INSIDE FIREWALL RIGHT	G92	
GAS PRESSURE PROP LEFT	15bQ	15bQ	---	ON TAILGATE	K25	
GAS PRESSURE PROP RIGHT	15bL	15bL	---	ON TAILGATE	L26	
GENERATOR	3cO	3cO	---	ON ENGINE	J42	
SEAT BELT CONTACT	10dO	10dN	---	TO BELT BUCKLE	C15	
HALL SENDER	14dO	14dO	---	ON GEARBOX	M16	
HALL SENDER F. CYL. 1 RECOGNITION	3cM	3cM	---	ONLY 944 4-VALVEN TOOTHED BELT HOUSING OVER	A46	
PARKING BRAKE CONTACT	9dR	9dK	---	ON HAND BRAKE LEVER	C15	
TAILGATE UNLOCKING	18cM	18cM	---	IN LUGGAGE COMPARTMENT AT END-PANEL	G34/H34	
LIFTING ROOF MOTOR W. CONTROL RELAY, MICRO SWITCH	16dQ	16dQ	---	IN BOHLMANN COMPARTMENT	K36/37/38	
HORN 1	2dQ	2dQ	---	MUDGUARD FRONT LEFT	A39	
HORN 2	2dQ	2dQ	---	MUDGUARD FRONT LEFT	A40	
ALTITUDE CORRECTION BOX	7dM	---	---	IN PASSENGER'S FOOTWELL	A50	
HORN CONTACT FOR AIRBAG	9bP	---	---	ON STEERING WHEEL	H95	
HYDRAULIC UNIT	7dK	7dK	---	IN MUDGUARD	O/E92	
INSIDE TEMP. SENSOR BLOWER	8cM	8cP	---	IN CONTROL PANEL AREA	E21	
CONCEALED HEADLIGHT MOTOR	3cM	3cM	---	IN ENGINE COMPARTM. BEHIND RIGHT CONCEALED HEADL.	A8/9/10	
AIR COMPRESSOR	3dO	3dO	---	ON ENGINE	A24	
KNOCK SENSOR	5cN	5cN	---	ON ENGINE BLOCK	E42	
CONTACT UNIT	9bP	---	---	ON STEERING WHEEL	H94	
FUEL PUMP	15dL	15dL	---	ON BASE REAR RIGHT	N47	
CLUTCH SWITCH	7dP	7dM	---	TO FOOT CONTROLS	N45	
COOLING WATER TEMPERATURE SWITCH	2dP	2dP	---	ON RADIATOR	A29	

## CONSTRUCTION COMPONENTS

GRAMM	DESIGNATION, FUNCTION	POSITION IN VEHICLE	NOTE	FIELD IN WIRING DIAGRAMM
		LHD    RHD		
	OXYGEN SENSOR	8eN — 8eN	IN FRONT OF CATALYZER	A47
	IDLE SPEED POSITIONER	5cD — 5cD	ENGINE COMPARTMENT	A48
	AIR FLOW SENSOR	3cP — 3cP	ENGINE COMPARTMENT	A46
	FAN MOTOR 1	3cN — 3cN	ON RADIATOR	A28
	FAN MOTOR 2	3cN — 3cN	ON RADIATOR	A27
	MICRO SWITCH ROOF CLOSED	10aD — 10aD	IN ROOF	K40
	ENGINE COMPARTMENT LIGHT	5bP — 5bP	ON ENGINE HOOD	E10
	MOTOR POWER WINDOW PASSENGER'S SIDE	9dK — 9dR	IN PASSENGER'S DOOR	D31
	MOTOR POWER WINDOW DRIVER'S SIDE	9dR — 9dK	ON DRIVER'S DOOR	D35
	OIL PRESSURE SENDER AND SWITCH	3dM — 3dM	ON ENGINE BLOCK BELOW OIL FILTER	F47
	OIL LEVEL WARNING SWITCH	6eN — 6eN	UNDER THE ENGINE ON OIL PAN	E44
	BACKUP LIGHT SWITCH	15dD — 15dD	ON GEARBOX	D7
	SWITCH TAILGATE UNLOCKING	7dQ — 7dL	IN DRIVER'S FOOTWELL	F31
	LOCK CYLINDER LEFT	11cB — 11cB	DOOR HANDLE LEFT	H67
	LOCK CYLINDER RIGHT	11cK — 11cK	DOOR HANDLE RIGHT	H64
	TAILGATE UNLOCKING SWITCH	18bN — 18bN	ON TAILGATE LOCK	G31
	HEADLIGHT CLEANER PUMP	3dL — 3dL	IN ENGINE COMPARTM. LOW ON WINDSHIELD WASHER TANK	A26
	STARTER	7cN — 7cN	ON CLUTCH BELL HOUSING	L42
	DRIVE LEFT HEADLIGHT VERTICAL AIM CONTROL	2cP — 2cP	ON HEADLIGHT LEFT	A5/6
	DRIVE RIGHT HEADLIGHT VERTICAL AIM CONTROL	2cM — 2cM	ON HEADLIGHT RIGHT	A4
	DRIVE LEFT CENTRAL LOCK	11cR — 11cR	IN DOOR LEFT	H68
	DRIVE RIGHT CENTRAL LOCK	11cK — 11cK	IN DOOR RIGHT	H65
	DRIVE CRUISE CONTROL	6cL — 6cL	ENGINE COMPARTMENT	L44
	CONTROL UNIT ABS	7cL — 7cL	IN FOOTWELL, RIGHT SIDE	A95-97
	CONTROL UNIT AIRBAG	6cM — —	IN PASSENGER'S FOOTWELL	K93-95
	CONTROL UNIT ALARM SYSTEM	6dM — 6dP	IN PASSENGER'S FOOTWELL	M64
	CONTROL UNIT DME	6dM — 6dP	IN PASSENGER'S FOOTWELL	D46-49
	CONTROL UNIT KNOCK REGULATOR	6dM — 6dP	ONLY 951/952 IN PASSENGER'S FOOTWELL	D42-45
	CONTROL UNIT CRUISE CONTROL	7cR — 7cR	IN LEFT FOOTWELL	M44/45
	CONTROL UNIT CENTRAL LOCKS	8cP — 8cM	UNDER THE STEERING COLUMN	C67
	BUZZER CONTACT	8cP — 8cM	ON IGNITION LOCK	M18
	TANK VENTING VALVE	6cQ — 6cQ	ONLY 944 4-VALVE CAT. ENGINE COMPARTMENT	A43
	FUEL LEVEL SENDER	15cN — 15cN	IN FUEL TANK	C17
	TEMPERATURE SENSOR FOR CATALYZER	9eN — 9eN	ON CATALYZER	C18
	TEMP. SWITCH TURBOCHARGER	4cD — 4cD	ONLY 951/952 IN ENGINE COMPARTMENT NEAR TURBOCHARGER	E50
	BALLAST RESISTORS FOR FUEL INJECTORS	6cL — 6cL	ONLY 944 4-VALVE ENGINE COMPARTMENT	D42
	WASHING FLUID PUMP	3cL — 3cL	TOP OF EXPANSION TANK IN ENGINE COMPARTMENT	A26
	COOLANT TEMP. SWITCH AND SENDER	4dP — 4dP	ON ENGINE BLOCK	E47
	NTC COOLANT SENSOR	4cD — 4cD	ON ENGINE BLOCK	A49
	WATER PUMP TURBO-CHARGER COOLING	4cP — 4cP	ONLY 951/952 ENGINE COMPARTMENT	F42
	WIPER MOTOR	7bD — 7bN	IN WATER BOX	J26
	CENTRAL ELECTRIC	7bD — 7bD	LEFT IN WATER BOX	A51-P60
	IGNITION FINAL STAGE	3dQ — 3dQ	ONLY 944 4-VALVE ENGINE COMPARTMENT	G46
	IGNITION COIL	3cL — 3cL	WHEEL HOUSING RIGHT FRONT	J46

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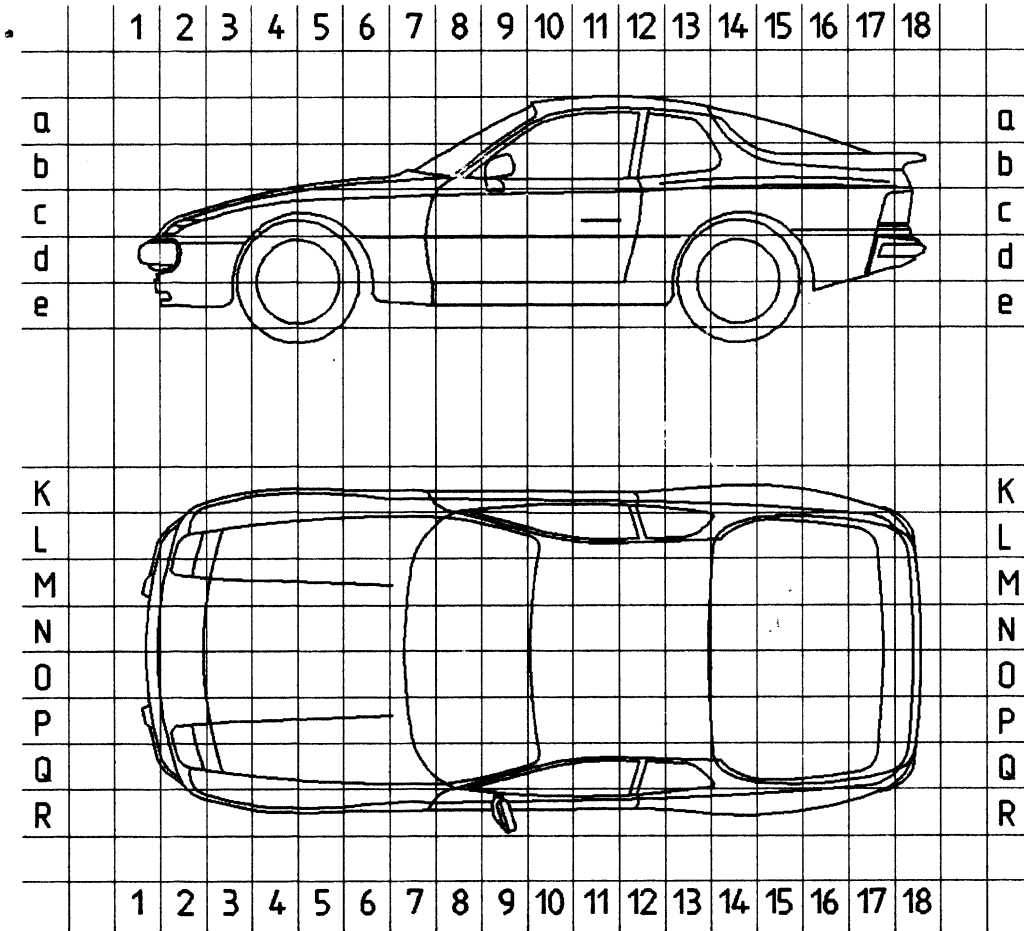
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## PLUG CONNECTIONS AND GROUND POINTS

### PLUG CONNECTIONS

CODE	NUMBER OF PINS	DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE
			LHD	RHD	
T1	14	WIRE HARNESS / PASSENGER COMPARTMENT	6dM	6dP	IN PASSENGER'S FOOTWELL
T2	2	CONTACT BRIDGE REAR FOG LIGHT	7cD	7cQ	UNDER THE CENTRAL ELECTRIC
T3	8	SWITCH RANGE INDICATOR / WH PASSENGER COMP.	9cD/N	9cO/N	IN CENTRE CONSOLE
T4	2	BRAKE PAD WEAR CONTACT FRONT RIGHT / COMBI. LEAD	5dL	5dL	LOW ON SHOCK ABSORBER
T5	2	COMB. LEAD RIGHT / WH FRONT (BVA)	6cL	6cL	ENGINE COMPARTMENT
T6	2	COMB. LEAD LEFT / WH FRONT (BVA)	6cQ	6cQ	ENGINE COMPARTMENT
T7	2	BRAKE PAD WEAR CONTACT FRONT LEFT / COMBI. LEAD	5dQ	5dQ	LOW ON SHOCK ABSORBER
T8	2	BRAKE PAD WEAR CONTACT REAR RIGHT / COMBI. LEAD	14dL	14dL	ON SEMI-TRAILING ARM
T9	2	COMB. LEAD RIGHT / WH PASSENGER COMP.	15dM	15dM	ABOVE DRIVE SHAFTS ON
T10	2	COMB. LEAD LEFT / WH PASSENGER COMP.	15dP	15dP	LUGGAGE COMPARTMENT PANEL
T11	2	BRAKE PAD WEAR CONTACT REAR LEFT / COMBI. LEAD	14dQ	14dQ	ON SEMI-TRAILING ARM
T12	6	WH HEATER, AIR CONDITIONING, PASSENGER COMP.	7cO/N	7cO/N	IN CONTROL PANEL AREA
T13	6	WH PASSENGER COMPARTMENT / ENGINE HOOD	6bP	6bP	IN ENGINE HOOD
T14	8	SEAT RIGHT / WH PASSENGER COMPARTMENT	11eM	11eM	LOW ON SEAT
T15	8	SEAT LEFT / WH PASSENGER COMPARTMENT	11eP	11eP	LOW ON SEAT
T16	4	REAR WINDOW WIPER HIGH MOUNTED STOP LIGHT / WH PASSENGER COMP.	14cQ	14cQ	BEHIND C-PILLAR
T17	3	HALL SENDER / DME	6cN	6cN	ON ENGINE REAR ONLY 944 4-VALVE
T18	12	WH PASSENGER'S DOOR / WH PASSENGER COMP.	7dK	7dR	IN PASSENGER'S FOOTWELL
T19	14	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR	7dK	IN DRIVER'S FOOTWELL
T20	8	WIRE HARNESS SUN ROOF / PASSENGER COMPARTMENT	16dQ	16dQ	IN BOHLMANN COMPARTMENT
T21	14	WIRE HARNESS DME / WIRE HARNESS FRONT	6cP	6cP	ENGINE COMPARTMENT
T22	2	CODING PLUG / DME	6dM	6dP	IN PASSENGER'S FOOTWELL
T23	2	PLUG FOR DATA FIELD CODING / DME	6dM	6dP	IN PASSENGER'S FOOTWELL
T24	2	WH ALTERN. STARTER / WH FRONT	6cD	6cD	ENGINE COMPARTMENT
T25	5	DIAGNOSIS PLUG FOR IDLE SPEED POSITIONER	6cP	6cP	ONLY 944 TURBO IN ENGINE COMPARTMENT
T26	19	DIAGNOSIS PLUG	6dL	6dO	IN PASSENGER'S FOOTWELL
T27	12	WH PASSENGER'S DOOR / WH PASSENGER COMP.	7dK	7dR	IN PASSENGER'S FOOTWELL
T28	12	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR	7dK	IN DRIVER'S FOOTWELL
T29	1	ANTENNA AMPLIFIER / WH PASSENGER COMP.	7cO	7cO	BEHIND THE RADIO
T30	2	THROTTLE FOR RADIO / OR CONTACT BRIDGE	8cP		UNDER THE STEERING COLUMN
T31	2	THROTTLE FOR AMPLIFIER / OR CONTACT BRIDGE	8cP		UNDER THE STEERING COLUMN
T32	2	WH ABS / COMBINATION LEAD FR	6cL	6cL	ENGINE COMPARTMENT
T33	2	WH ABS / COMBINATION LEAD FL	6cQ	6cQ	ENGINE COMPARTMENT
T34	2	WH ABS / COMBINATION LEAD RL	15dP	15dP	ABOVE DRIVE SHAFTS
T35	2	WH ABS / COMBINATION LEAD RR	15dM	15dM	ON LUGGAGE COMPARTMENT PANEL
T36	2	COMB. LEAD FR / ABS-SENSOR FR	5dL	5dL	LOW ON SHOCK ABSORBER
T37	2	COMB. LEAD FL / ABS-SENSOR FL	5dQ	5dQ	LOW ON SHOCK ABSORBER
T38	2	COMB. LEAD RL / ABS-SENSOR RL	14dQ	14dQ	ON SEMI-TRAILING ARM
T39	2	COMB. LEAD RR / ABS-SENSOR RR	14dL	14dL	ON SEMI-TRAILING ARM
T40	4	WH PASSENGER COMPARTMENT / WH ABS	6dM	6dM	IN FOOTWELL, RIGHT SIDE
T41	6	WH PASSENGER COMPARTMENT / WH AIRBAG	6dM		IN PASSENGER'S FOOTWELL
T42	2	WH PASSENGER COMPARTMENT / WH AIRBAG	6cM		IN PASSENGER'S FOOTWELL
T43	2	MICRO SWITCH SUN ROOF / WH PASSENGER COMPARTMENT	10aO	10aO	IN ROOF
T44	3	OXYGEN SENSOR / DME	6cN	6cN	ON ENGINE REAR
T45	3	SPEED SENDER / DME	6cN	6cN	ON ENGINE REAR NOT 944 4-VALVES
T46	3	REFERENCE MARK SENDER / DME	6cN	6cN	ON ENGINE REAR NOT 944 4-VALVES
T47	3	SPEED-REFERENCE MARK SENDER / DME	6cN	6cN	ON ENGINE REAR ONLY 944 4-VALVE



### GROUND POINTS

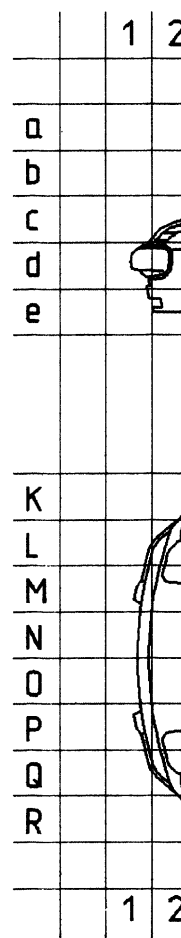
FIELD IN  
WIRING DIAGRAM

CODE	DESIGNATION, FUNCTION	POSITION IN VEHICLE	
		LHD	RHD
MP I	COVER PANEL	18cD	18cD
MP II	INSIDE FIREWALL ELECTRONICS CHASSIS	7cP	7cP
MP III	INSIDE FIREWALL CABLE TO GROUND	7cP	7cP
MP IV	LONGITUDINAL SUPPORT	3dP	3dP
MP V	LONGITUDINAL SUPPORT	3dM	3dM
MP VI	BODY BATTERY LHD	6cL	—
MP VII	BODY BATTERY RHD	—	16cQ
MP VIII	ENGINE BLOCK DME ELECTRONICS CHASSIS	6cD	6cD
MP IX	CLUTCH BELL HOUSING BATTERY LEAD LHD + DME CABLE TO GROUND	7cD	7cD
MP X	BODY RHD FIREWALL	—	7cD

- \_\_\_\_\_ D15, EF45,46
- \_\_\_\_\_ L3
- \_\_\_\_\_ K12
- \_\_\_\_\_ A15
- \_\_\_\_\_ A16
- \_\_\_\_\_ A18
- \_\_\_\_\_ A19
- \_\_\_\_\_ P15
- \_\_\_\_\_ P16
- \_\_\_\_\_ P18
- \_\_\_\_\_ P19
- \_\_\_\_\_ D23
- \_\_\_\_\_ J27
- \_\_\_\_\_ L22
- \_\_\_\_\_ N27
- \_\_\_\_\_ D23
- \_\_\_\_\_ B46
- \_\_\_\_\_ BC32, DKP87, F102
- \_\_\_\_\_ BC34, AFL87, F103
- \_\_\_\_\_ H38
- \_\_\_\_\_ F48/49
- \_\_\_\_\_ D50, F50
- \_\_\_\_\_ A50, EF50
- \_\_\_\_\_ J43
- \_\_\_\_\_ AB44
- \_\_\_\_\_ M12
- \_\_\_\_\_ F64
- \_\_\_\_\_ F67, E104
- \_\_\_\_\_ B82, H82, O82
- \_\_\_\_\_ D81, M82, G82
- \_\_\_\_\_ D82, L83, F82
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ B98
- \_\_\_\_\_ F96
- \_\_\_\_\_ HJ97
- \_\_\_\_\_ J96, D13
- \_\_\_\_\_ H40
- \_\_\_\_\_ B46/47
- \_\_\_\_\_ B47
- \_\_\_\_\_ B48
- \_\_\_\_\_ B49

#### M - NUMBERS

M 027	CALIFORNIA VERSION
M 113	CANADA VERSION
M 139	SEAT HEATER SEAT LEFT
M 150	WITHOUT CATALYZER
M 193	JAPAN VERSION
M 215	SAUDI-ARABIA VERSION
M 249	AUTOMATIC TRANSMISSION
M 288	HEADLIGHT CLEANERS
M 340	SEAT HEATER SEAT RIGHT
M 383	SPORT SEAT LEFT
M 387	SPORT SEAT RIGHT
M 454	CRUISE CONTROL
M 479	AUSTRALIAN VERSION
M 481	TRANSMISSION
M 484	USA VERSION
M 490	AUDIO OPTION PACK WITHOUT BOOSTER
M 533	ALARM SYSTEM
M 553	USA - CANADA VERSION
M 562	AIRBAG
M 573	AIR CONDITIONING SYSTEM
M 593	ABS
M 605	HEADLIGHT VERTICAL AIM CONTROL
M 650	LIFTING ROOF
M 900	TOURIST VEHICLES





## Wiring Diagram Type 944 S2 Model 91

	Coordinates	
<b>Sheet 1</b>	1 - 10	Lights RoW/SA/Japan
<b>Sheet 2</b>	1 - 10	Lights USA
<b>Sheet 3</b>	11 - 20	Instrument Cluster and Sender RoW/Japan
<b>Sheet 4</b>	11 - 20	Instrument Cluster and Sender USA / Opt. Equipm.
<b>Sheet 5</b>	21 - 30	Heating, Airconditioning, Ventilating, Power Seats, Wipe- and Wash Cleaners
<b>Sheet 6</b>	31 - 40	Two-Tone Horns, Mirrors, Lifting Roof, Power Window Regulator, Tailgate Unlocking
<b>Sheet 7</b>	41 - 50	Engine Compartment, Cruise Control
<b>Sheet 8</b>	51 - 60	Central Electric
<b>Sheet 9</b>	61 - 70	Central Locks, Alarm System
<b>Sheet 10</b>	71 - 80	Fog Light, Rear Fog Light
<b>Sheet 11</b>	81 - 90	Radio, Telephone
<b>Sheet 12</b>	91 - 100	ABS, Airbag
<b>Sheet 13</b>	101 - 110	Wiring 944 S2 Cabriolet
<b>Sheet 14</b>		Construction Components
<b>Sheet 15</b>		Plug Connections, Ground Points, M-Numbers, Abbreviations

# Wiring Diagram Type 944 S2 Model 91

The wiring diagram consists of 15 individual wiring diagrams, 1 sheet construction components and 1 sheet plug connections and ground points. These are divided into coordinate fields.

Each individual wiring diagram contains a part of the central-electrics box in a dashdotted 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 moduled-on fastening lug, is the "starting element".

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

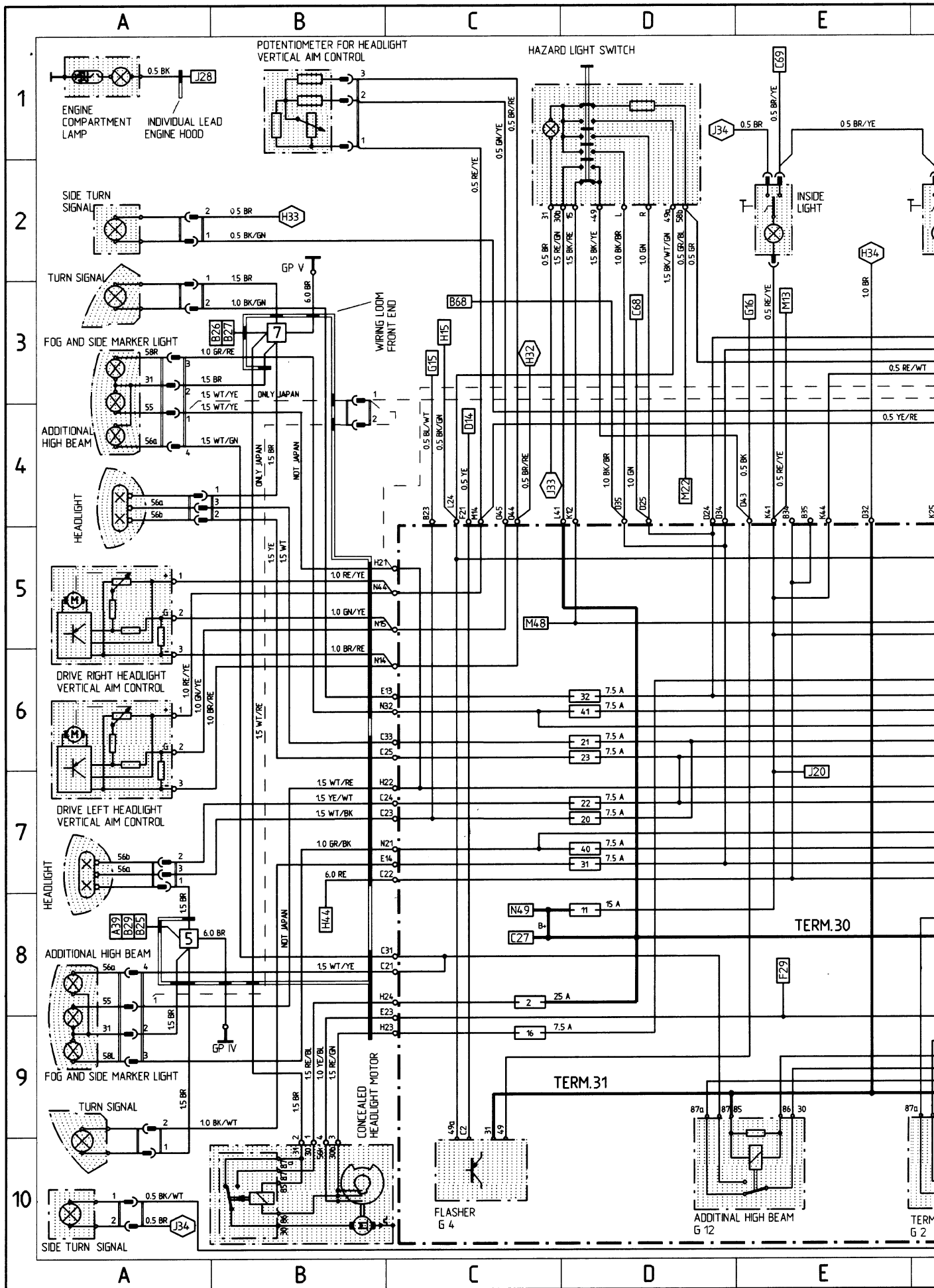
Parts 1 to 4 are identified by the numbers 1.....5.

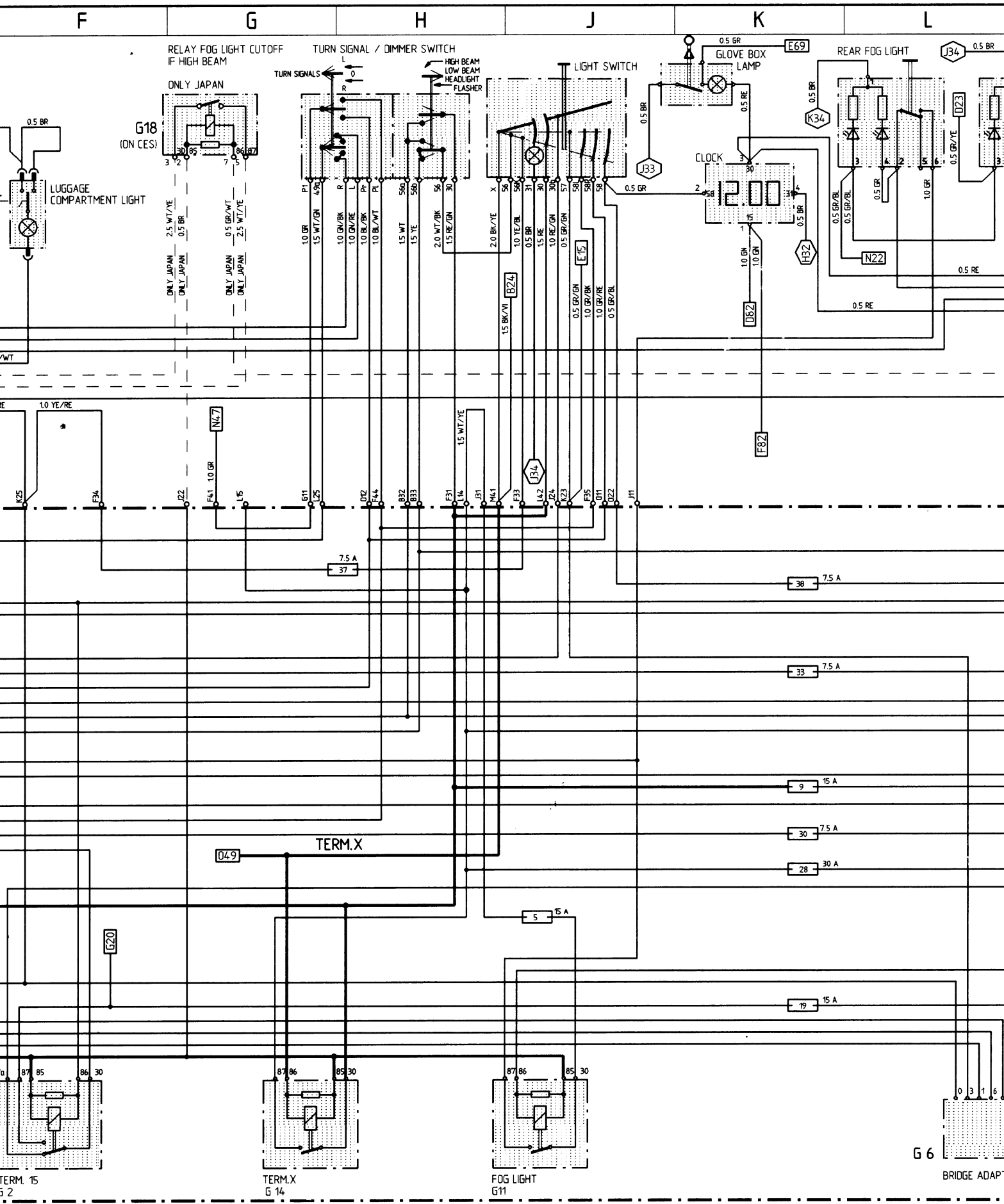
Part 5 is a "coding element".

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.

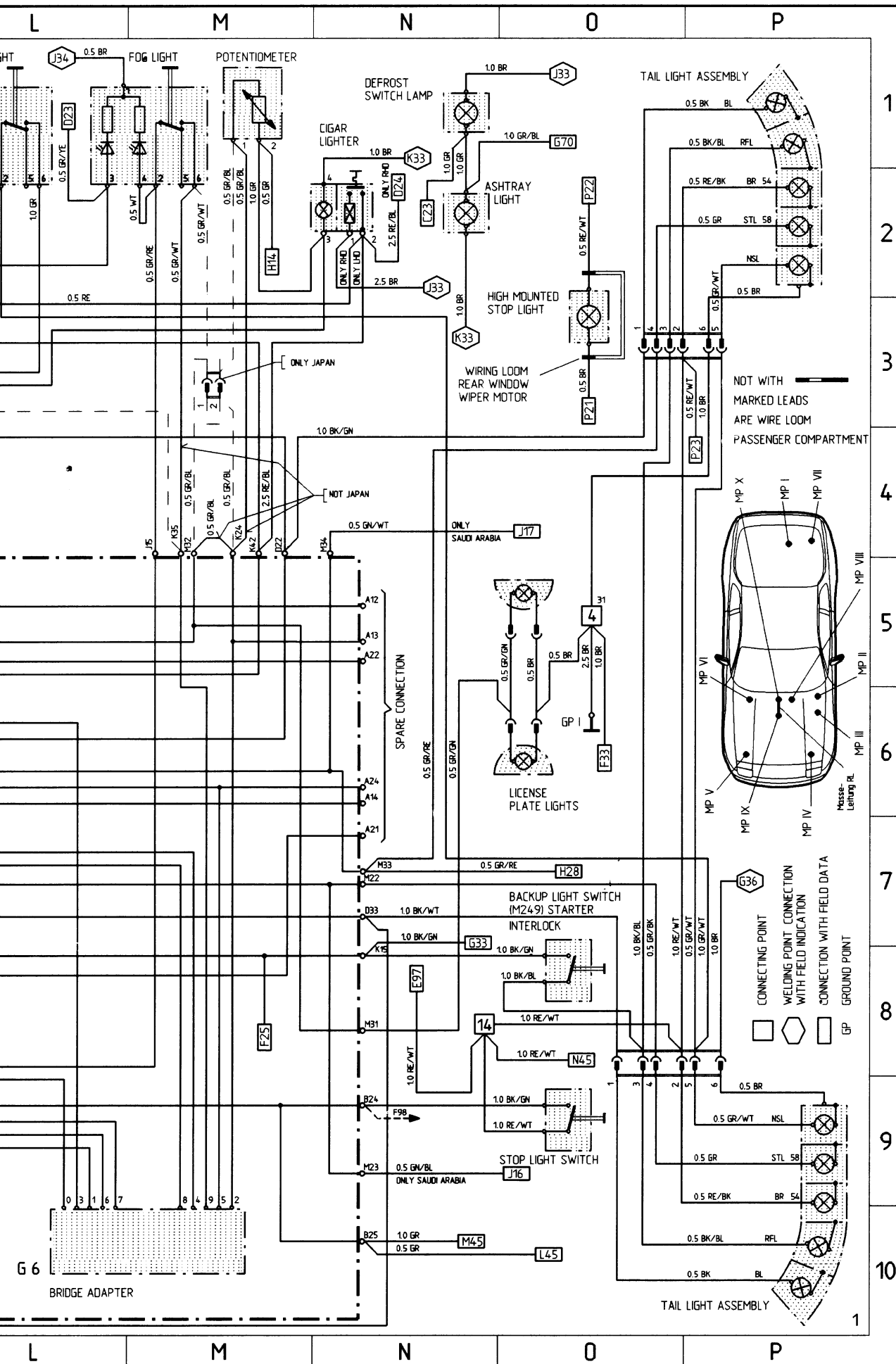
# 944 S Model 91 Sheet 1

LIGHTS ROW, SA, JAPAN



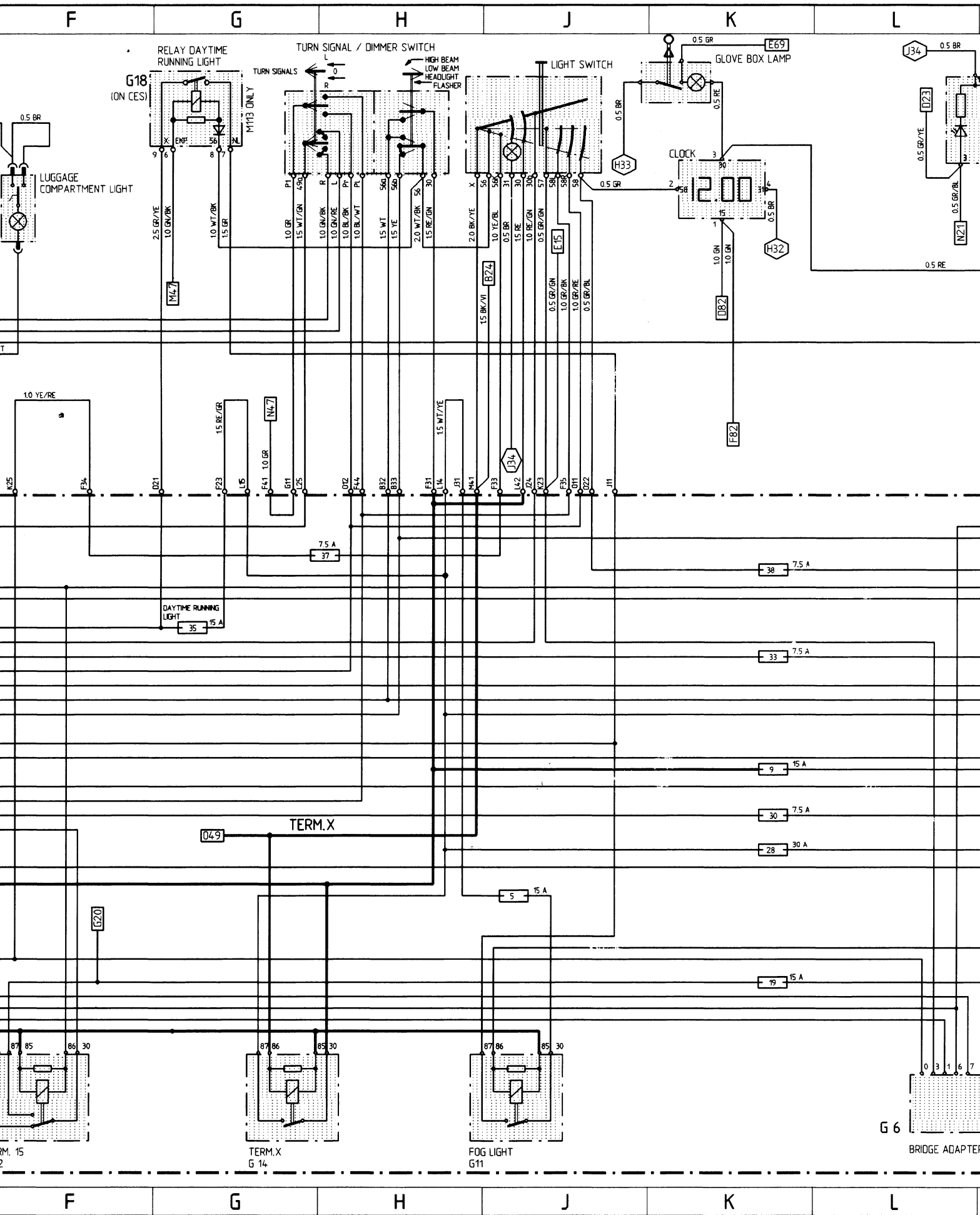


WT = WHITE    YE = YELLOW    RE = RED    VI = VIOLET    BL = BLUE    GN = GREEN    GR = GREY    BR = BROWN    BK = BLACK

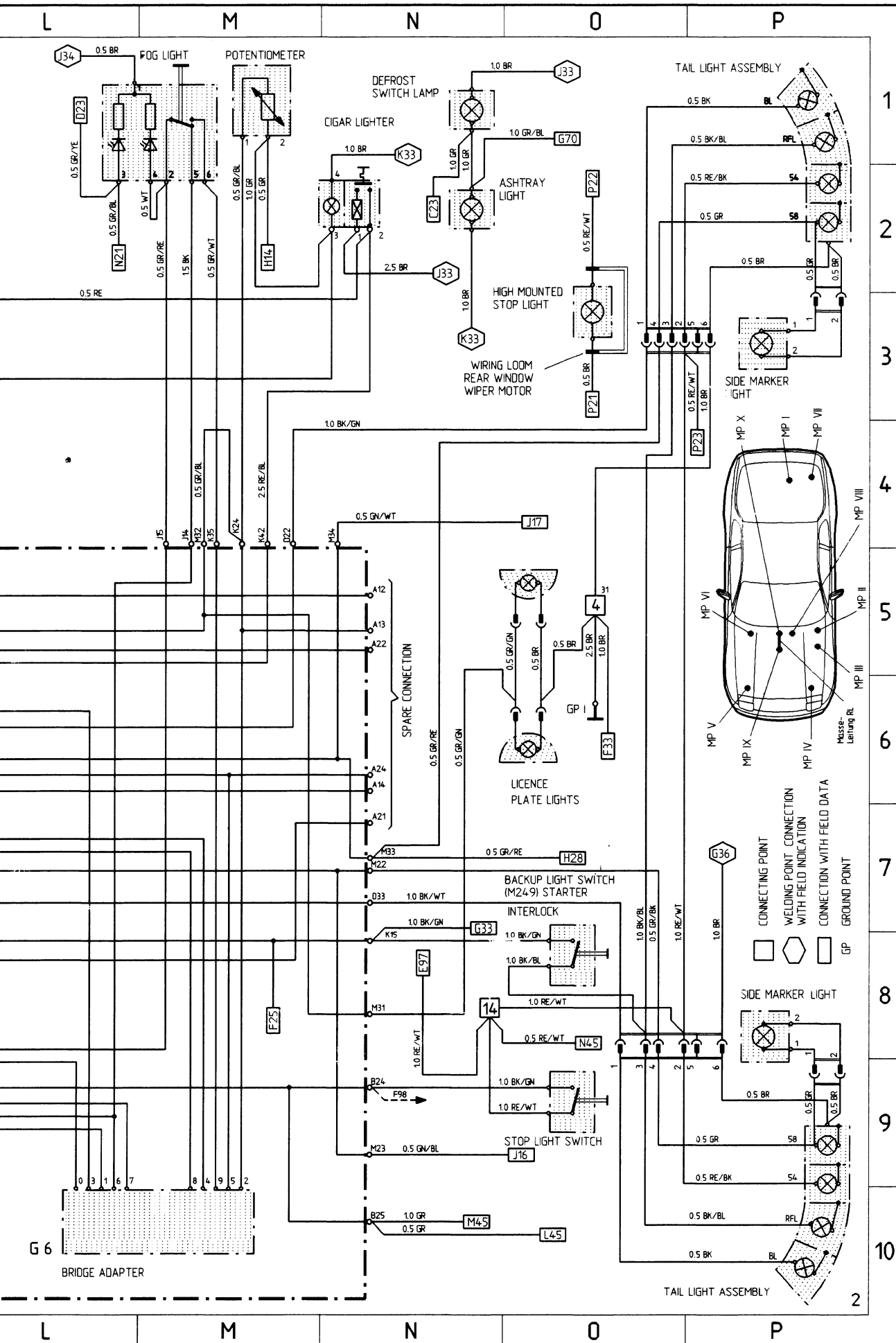






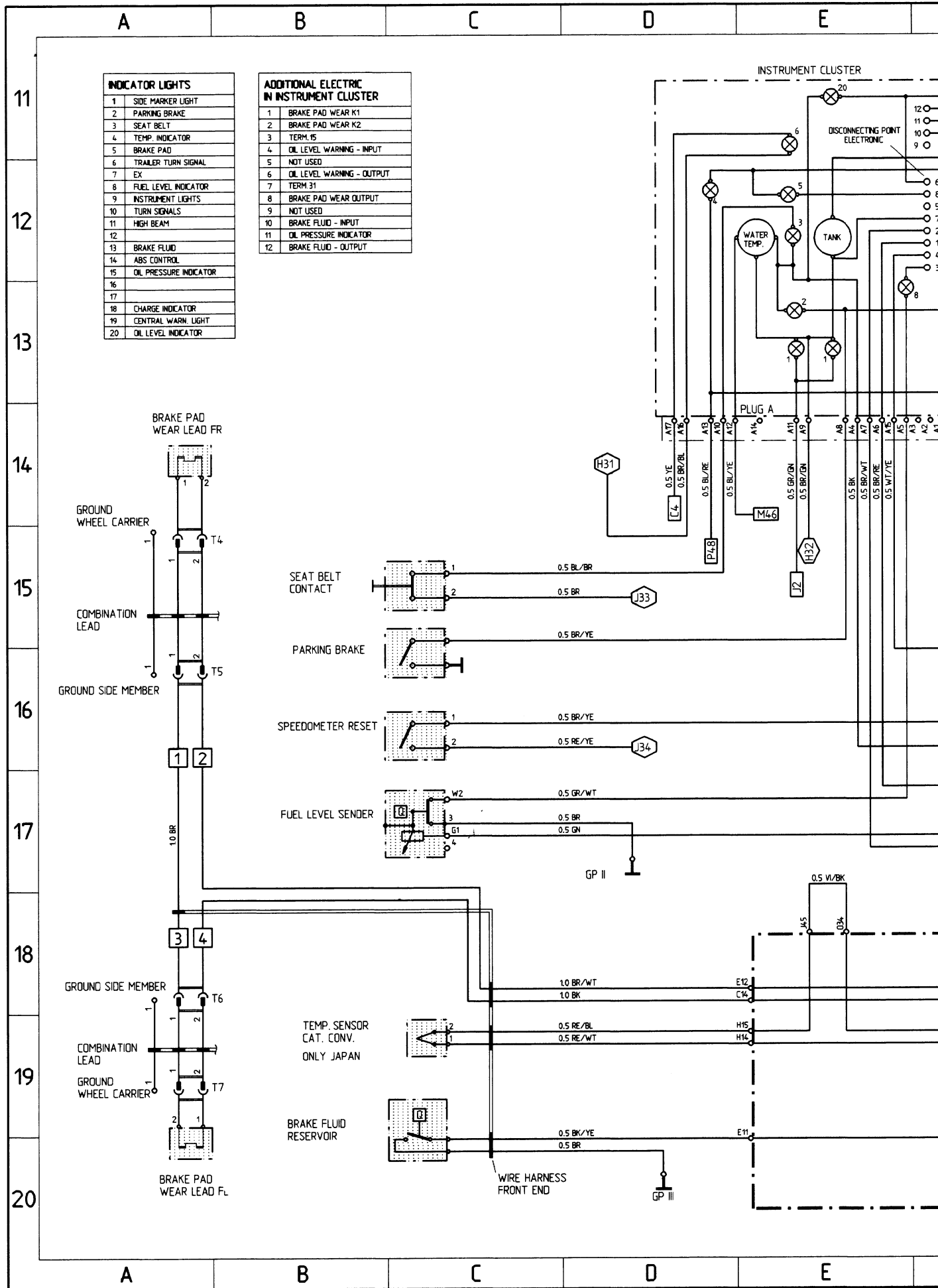


W = WHITE    YE = YELLOW    RE = RED    VI = VIOLET    BL = BLUE    GN = GREEN    GR = GREY    BR = BROWN    BK = BLACK



# 944 S Model 91 Sheet 3

## INSTRUMENT CLUSTER AND SENDER ROW / JAPAN

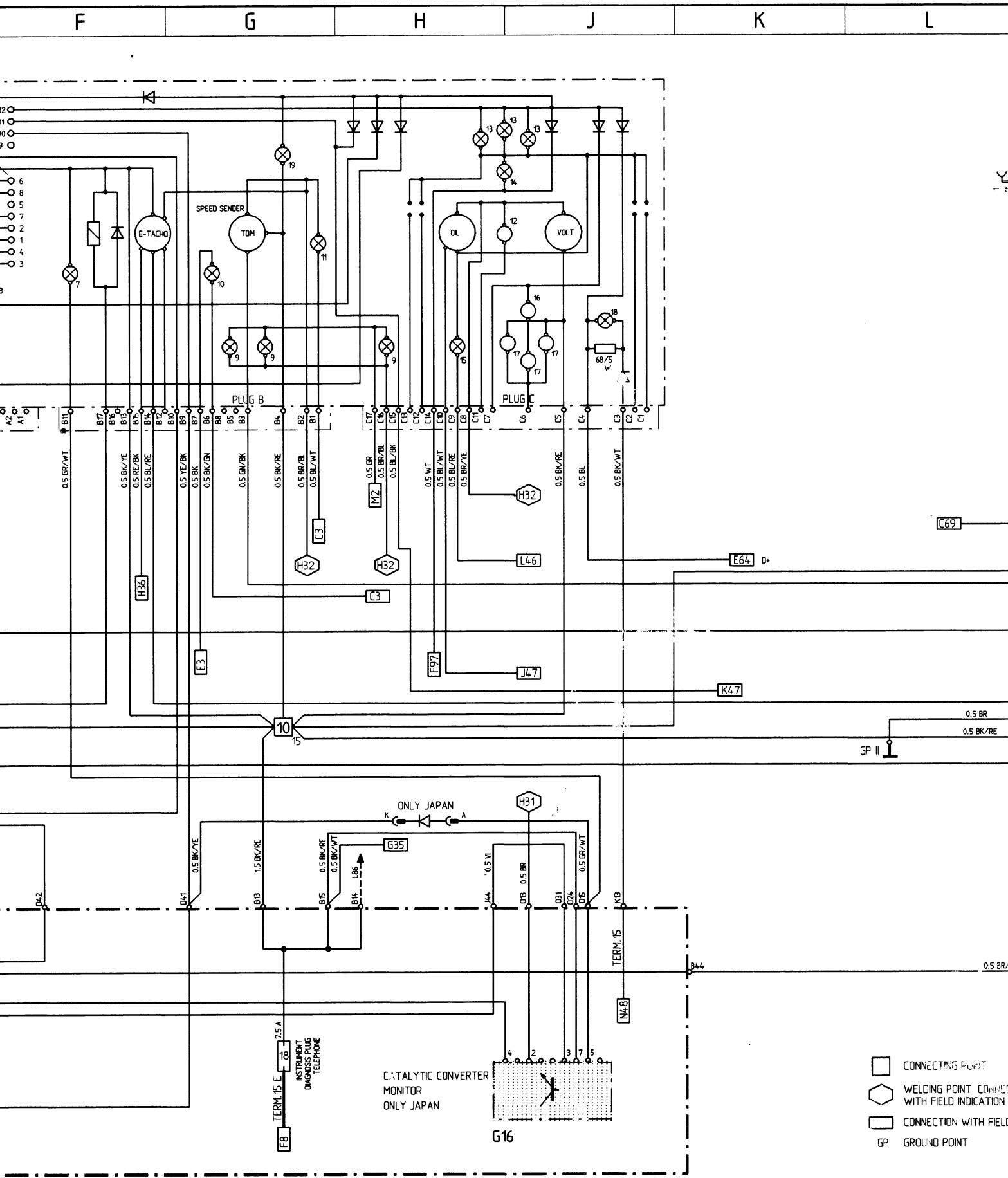


INDICATOR LIGHTS	
1	SIDE MARKER LIGHT
2	PARKING BRAKE
3	SEAT BELT
4	TEMP. INDICATOR
5	BRAKE PAD
6	TRAILER TURN SIGNAL
7	EX
8	FUEL LEVEL INDICATOR
9	INSTRUMENT LIGHTS
10	TURN SIGNALS
11	HIGH BEAM
12	
13	BRAKE FLUID
14	ABS CONTROL
15	OIL PRESSURE INDICATOR
16	
17	
18	CHARGE INDICATOR
19	CENTRAL WARN. LIGHT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

ADDITIONAL ELECTRIC IN INSTRUMENT CLUSTER	
1	BRAKE PAD WEAR K1
2	BRAKE PAD WEAR K2
3	TERM. F5
4	OIL LEVEL WARNING - INPUT
5	NOT USED
6	OIL LEVEL WARNING - OUTPUT
7	TERM. 31
8	BRAKE PAD WEAR OUTPUT
9	NOT USED
10	BRAKE FLUID - INPUT
11	OIL PRESSURE INDICATOR
12	BRAKE FLUID - OUTPUT

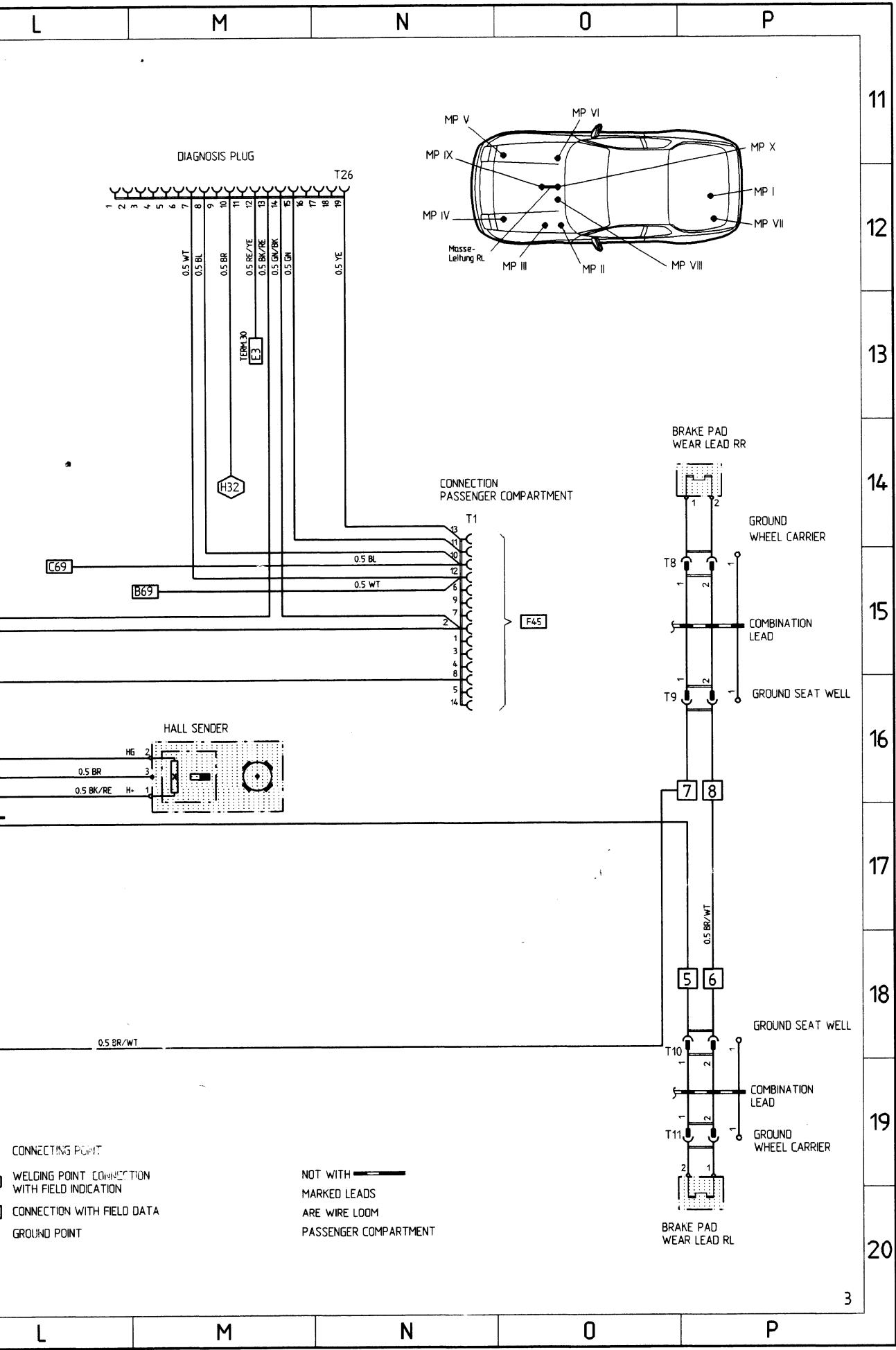
11  
12  
13  
14  
15  
16  
17  
18  
19  
20

A B C D E



- CONNECTING POINT
- WELDING POINT CONNECTION WITH FIELD INDICATION
- CONNECTION WITH FIELD
- GROUND POINT

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

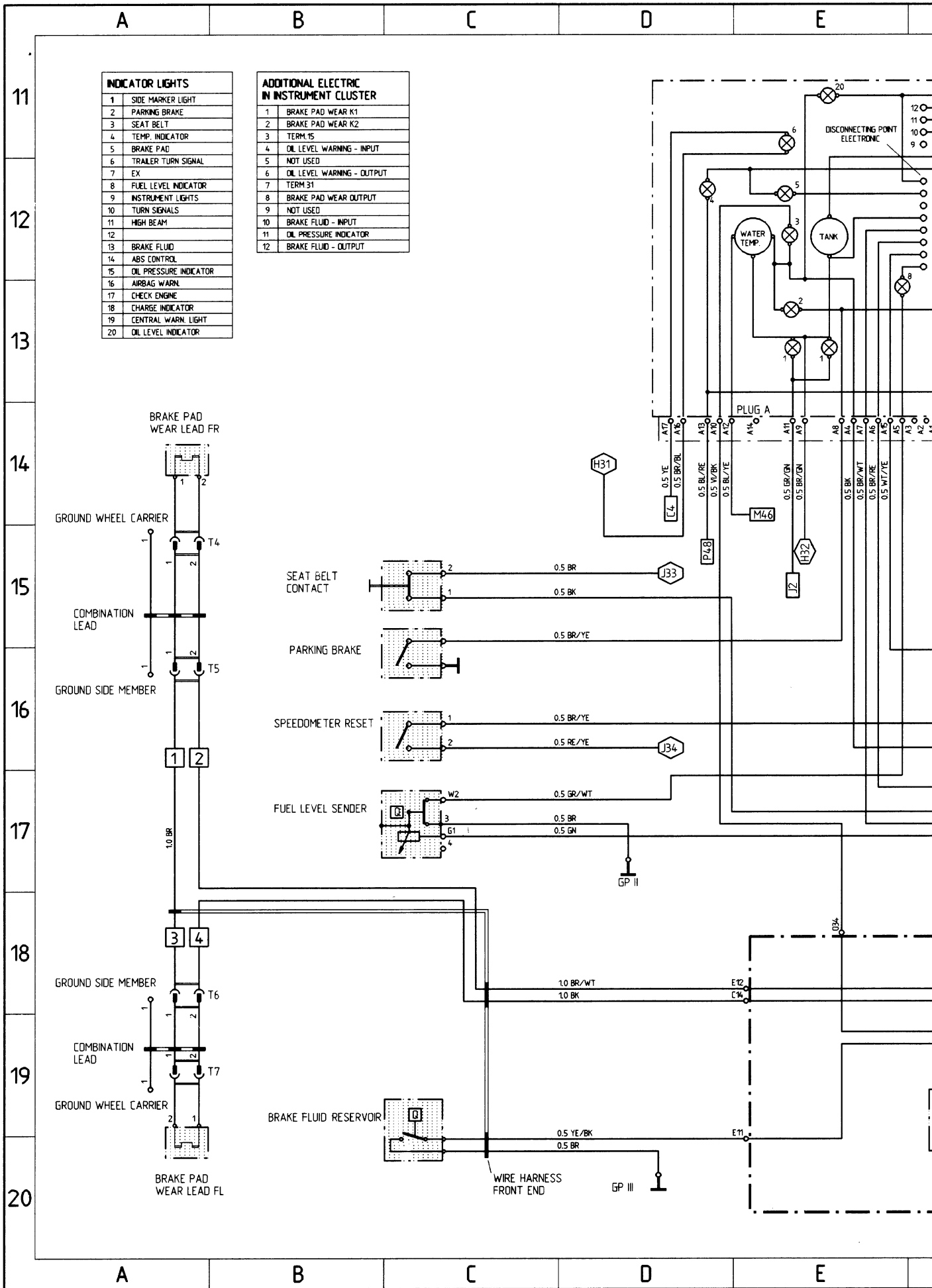


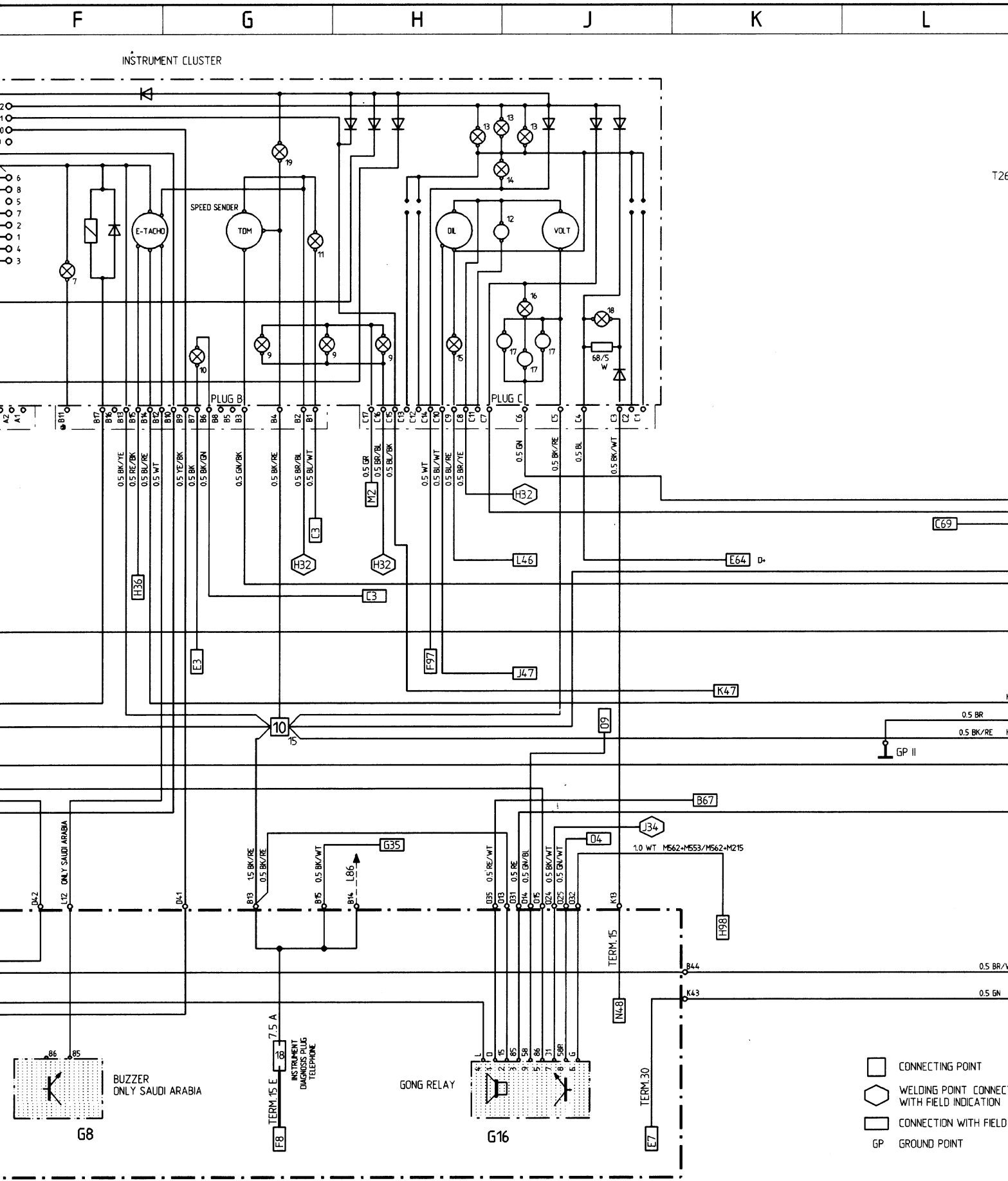
CONNECTING POINT  
 WELDING POINT CONNECTION WITH FIELD INDICATION  
 CONNECTION WITH FIELD DATA  
 GROUND POINT

NOT WITH MARKED LEADS ARE WIRE LOOM PASSENGER COMPARTMENT

# 944 S Model 91 Sheet 4

INSTRUMENT CLUSTER AND SENDER USA / OPT. EQUIPM.



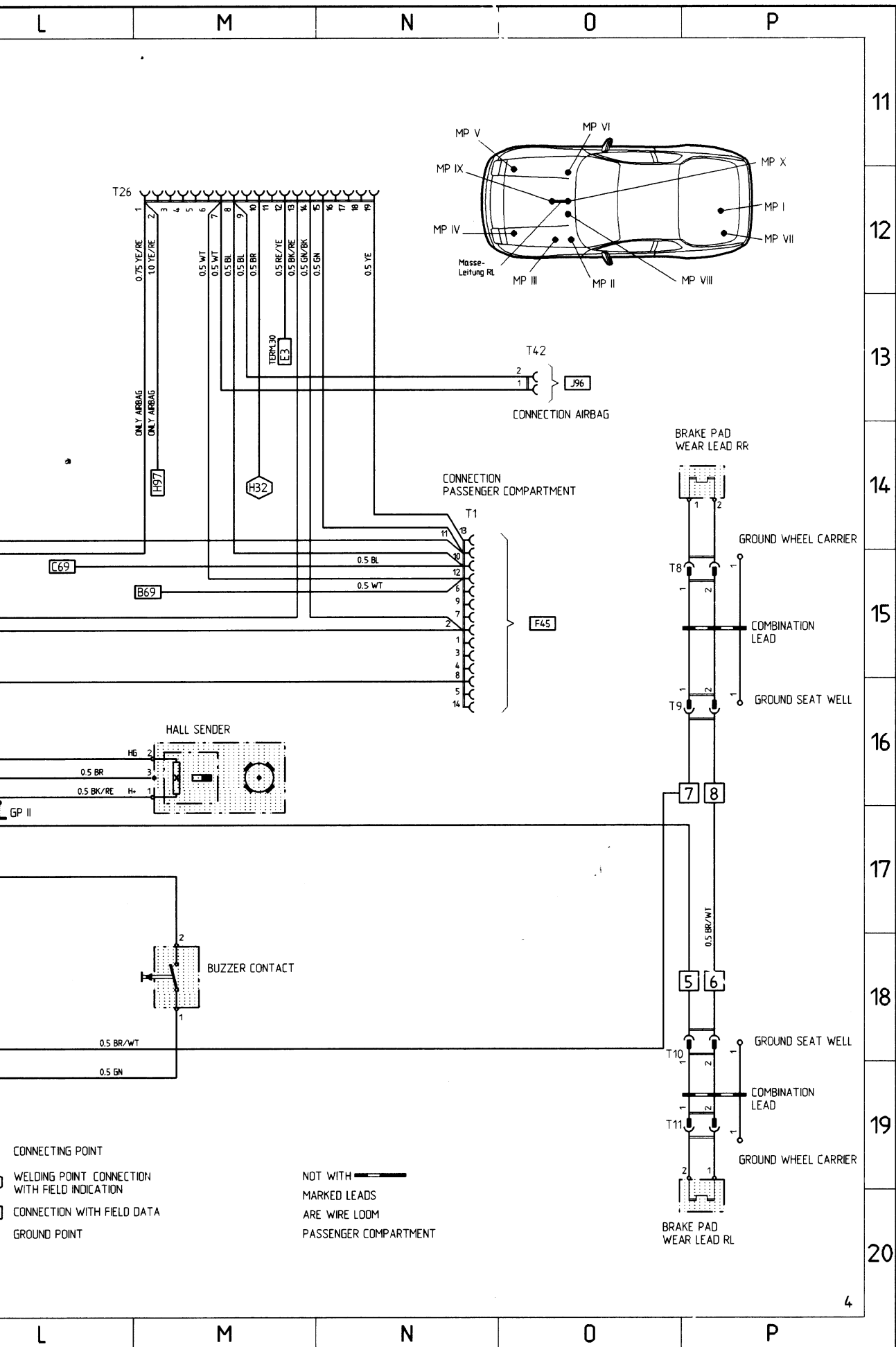


INSTRUMENT CLUSTER

T26

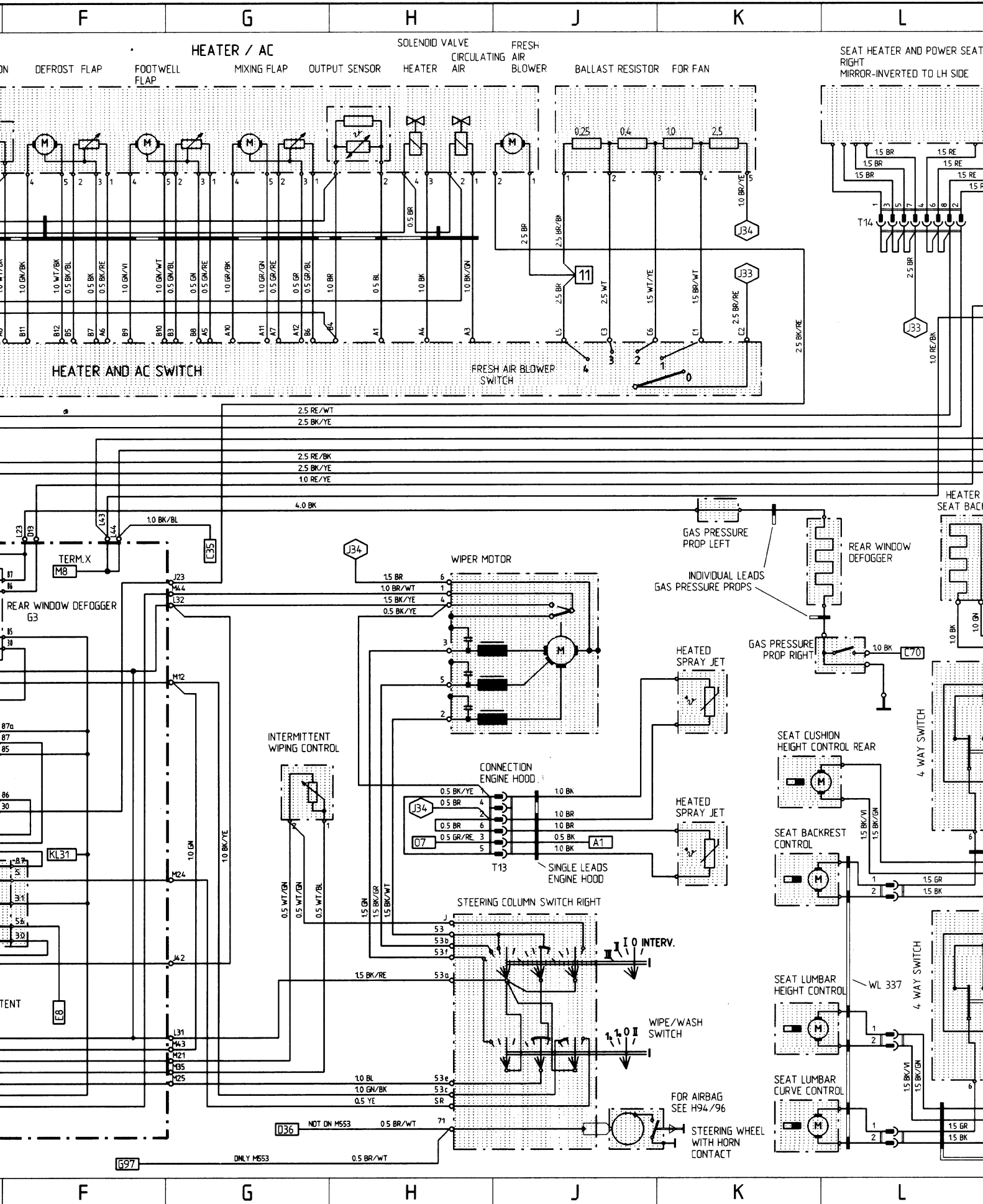
- CONNECTING POINT
- WELDING POINT CONNECT WITH FIELD INDICATION
- CONNECTION WITH FIELD
- GP GROUND POINT

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





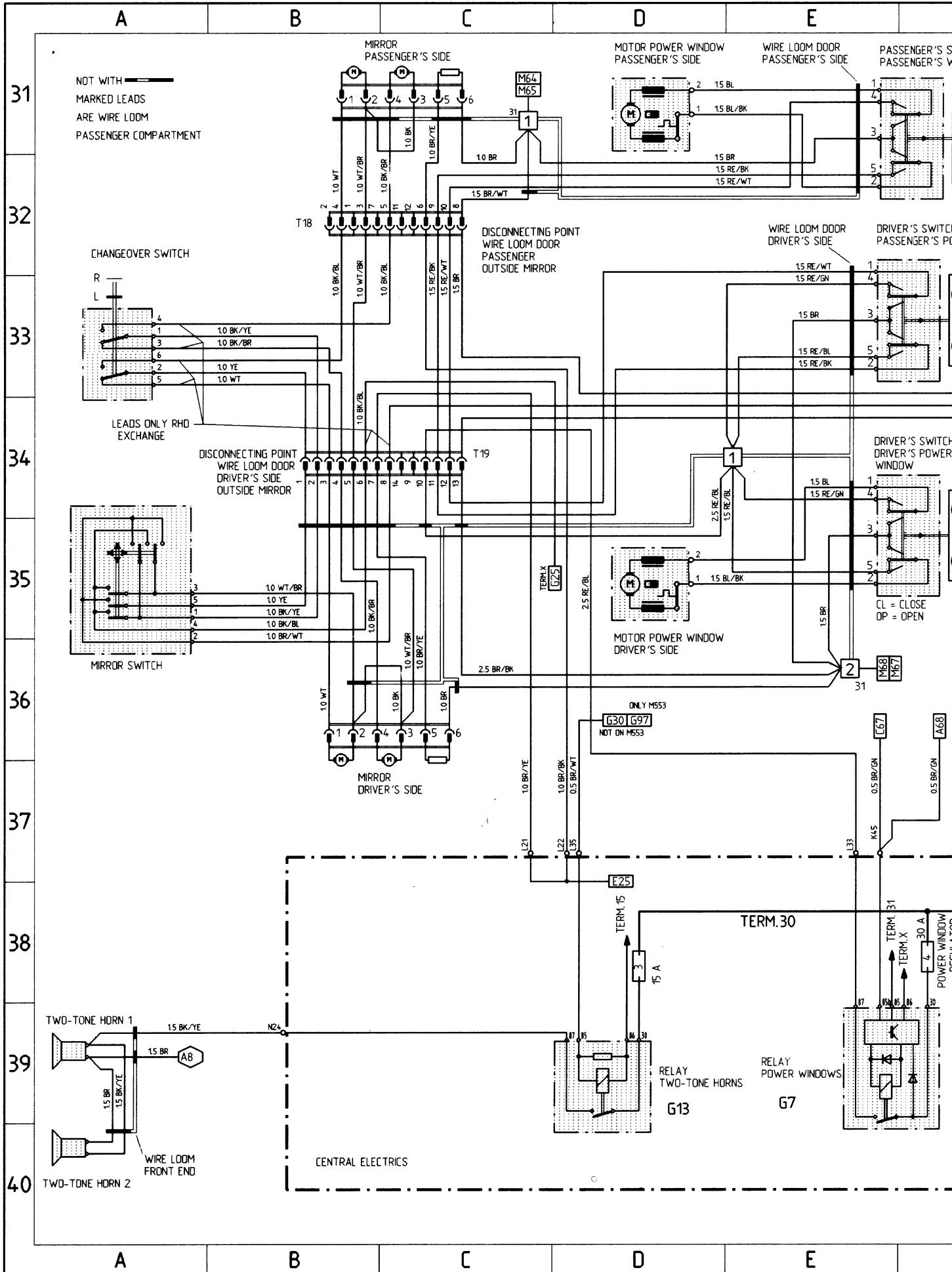


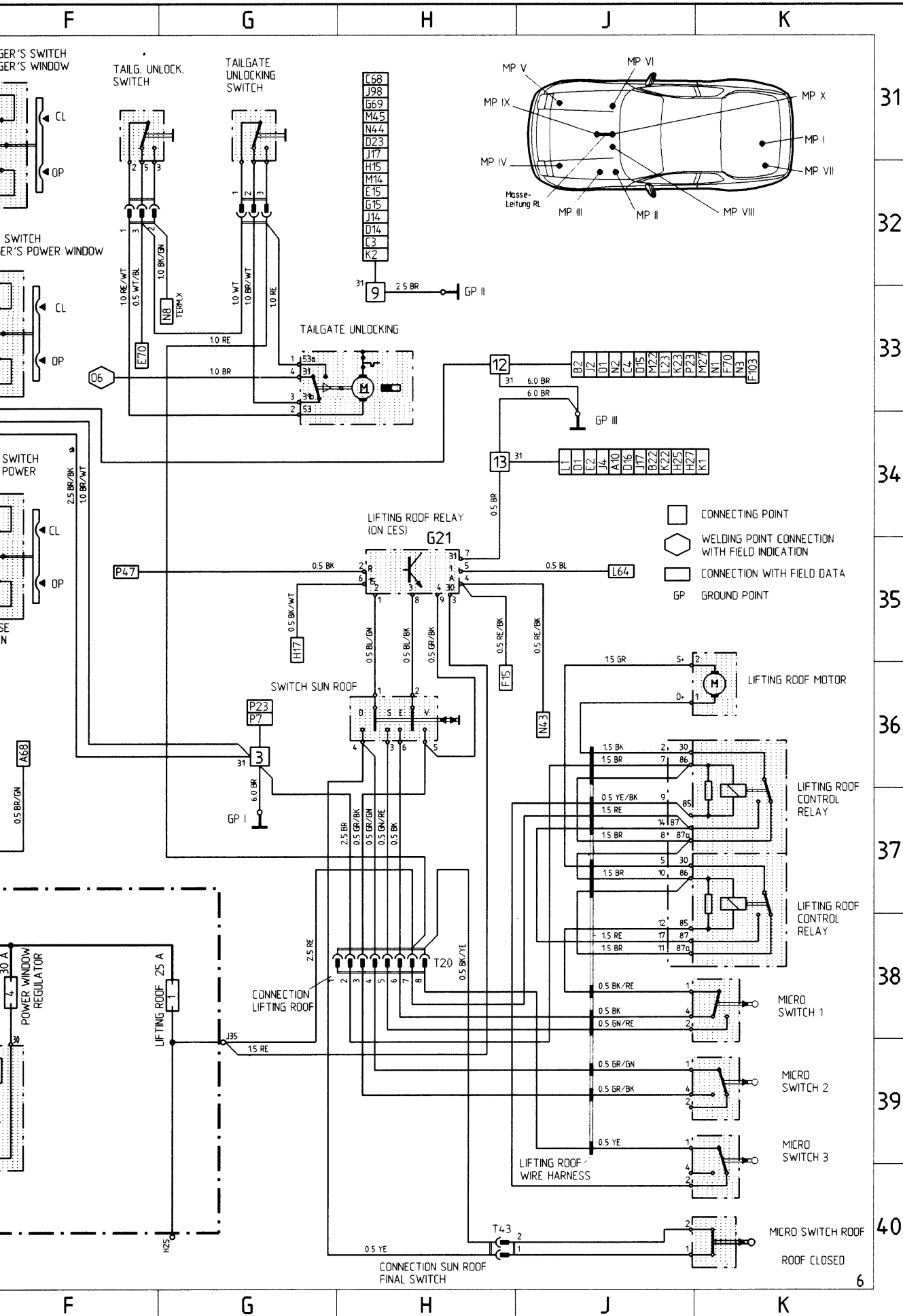




# 944 S Model 91 Sheet 6

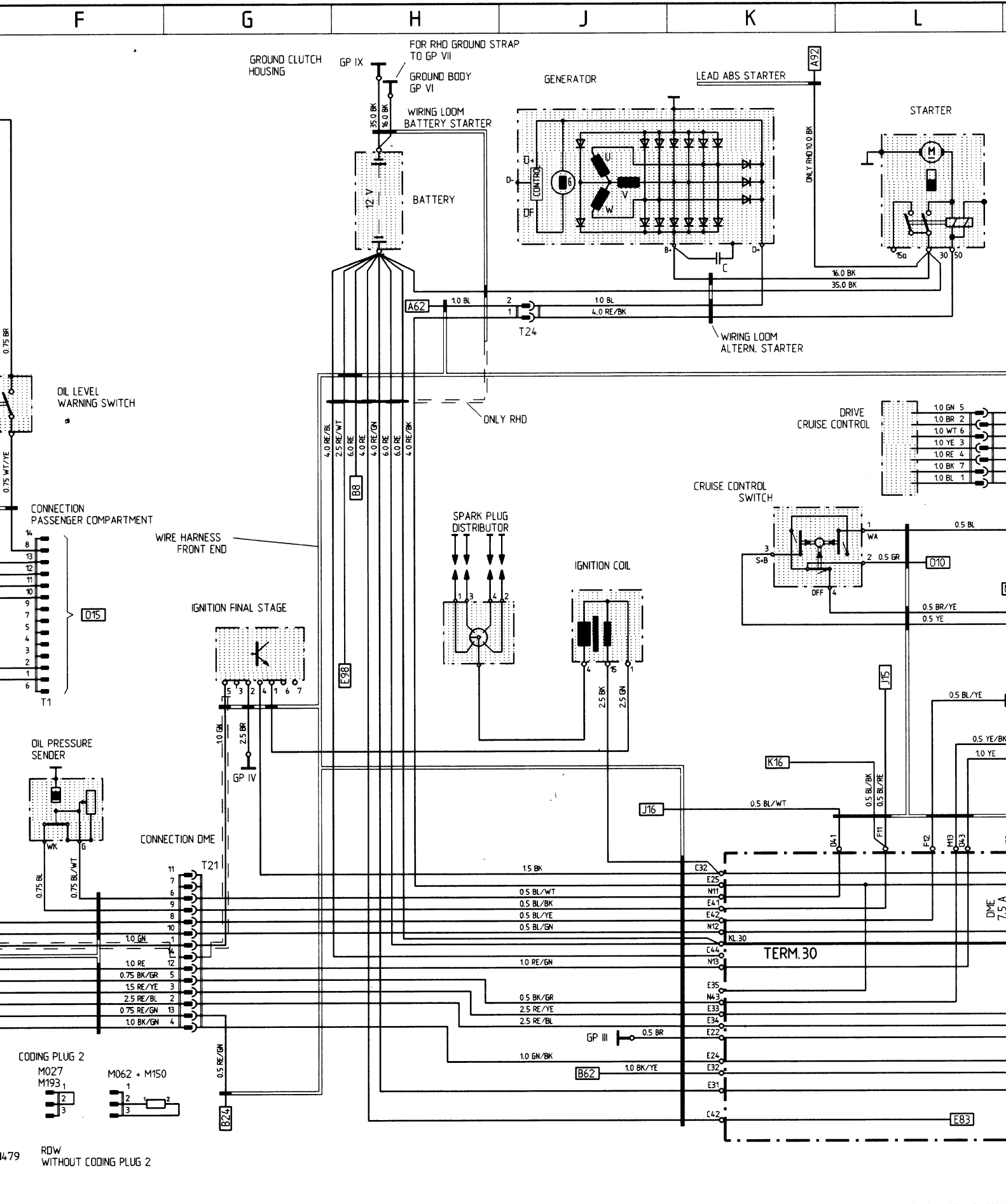
TWO-TONE HORNS, MIRRORS, LIFTING ROOF, POWER WINDOW REGULATOR, TAILGATE UNLOCKING





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





1479 RDW WITHOUT CODING PLUG 2

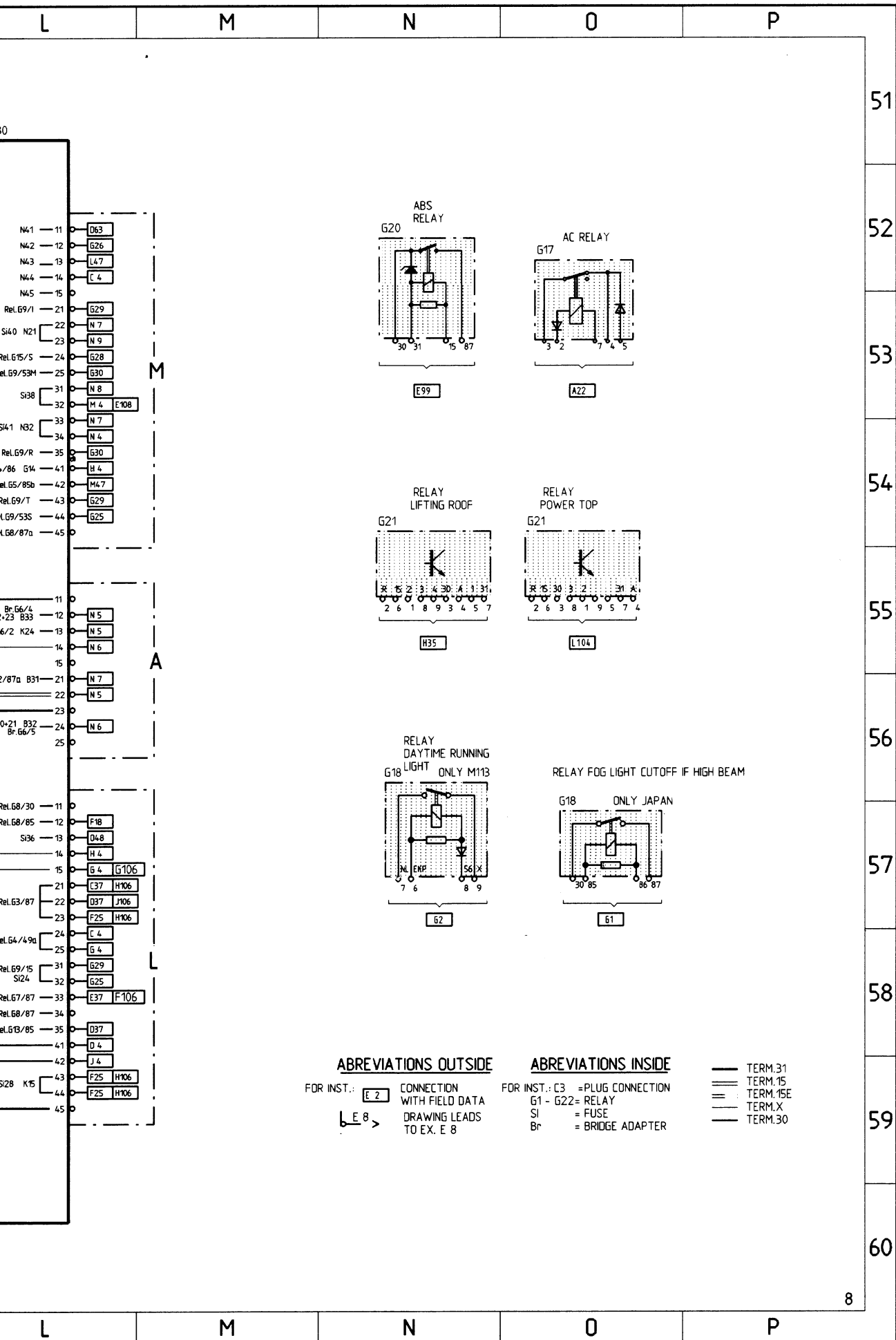
T = WHITE    YE = YELLOW    RE = RED    VI = VIOLET    BL = BLUE    GN = GREEN    GR = GREY    BR = BROWN    BK = BLACK











**ABBREVIATIONS OUTSIDE**

FOR INST.: E 2 CONNECTION WITH FIELD DATA DRAWING LEADS TO EX. E 8

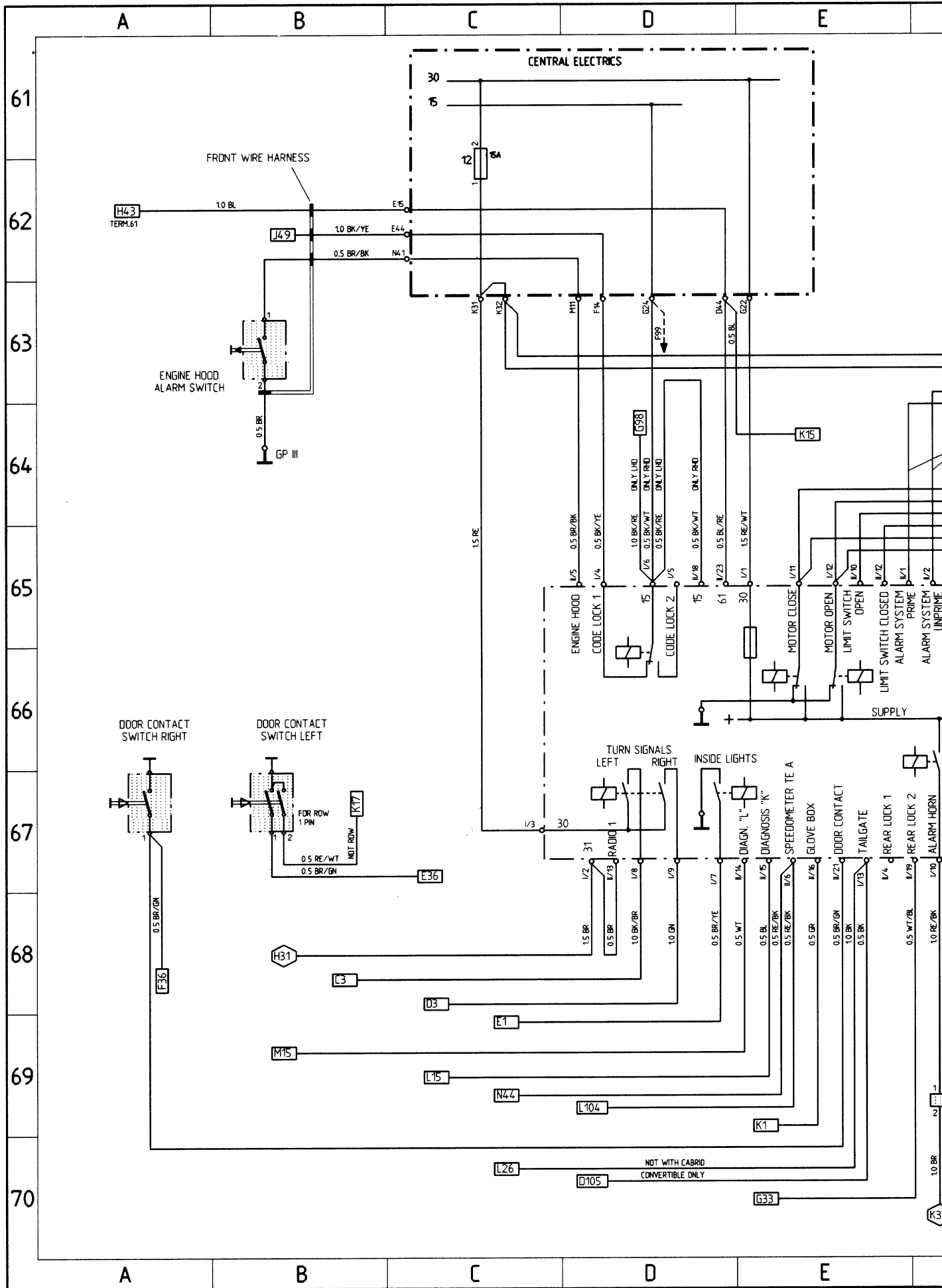
**ABBREVIATIONS INSIDE**

FOR INST.: C3 = PLUG CONNECTION  
 G1 - G22 = RELAY  
 SI = FUSE  
 Br = BRIDGE ADAPTER

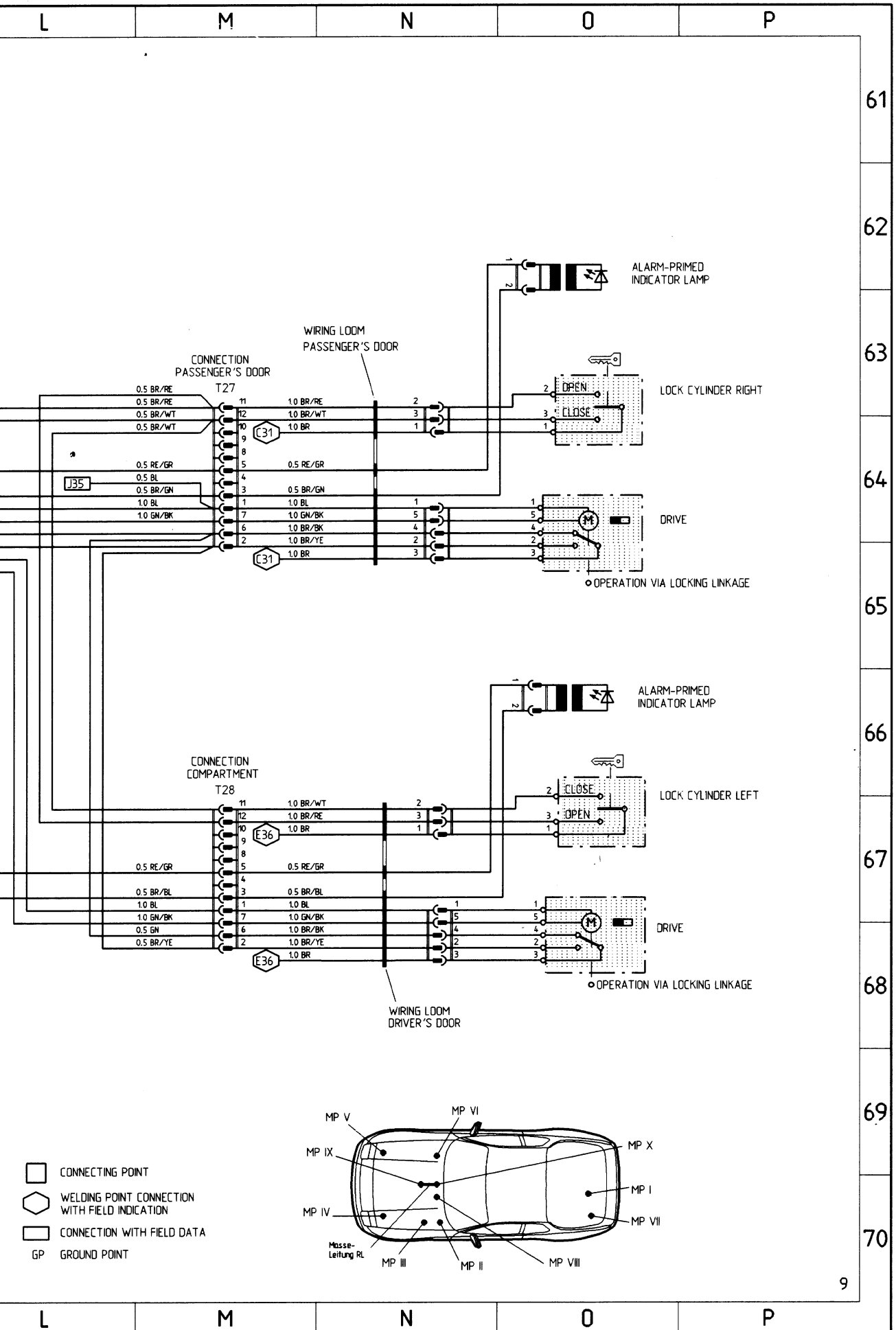
— TERM.31  
 — TERM.15  
 — TERM.15E  
 — TERM.1X  
 — TERM.30

# 944 S Model 91 Sheet 9

## CENTRAL LOCKS, ALARM SYSTEM

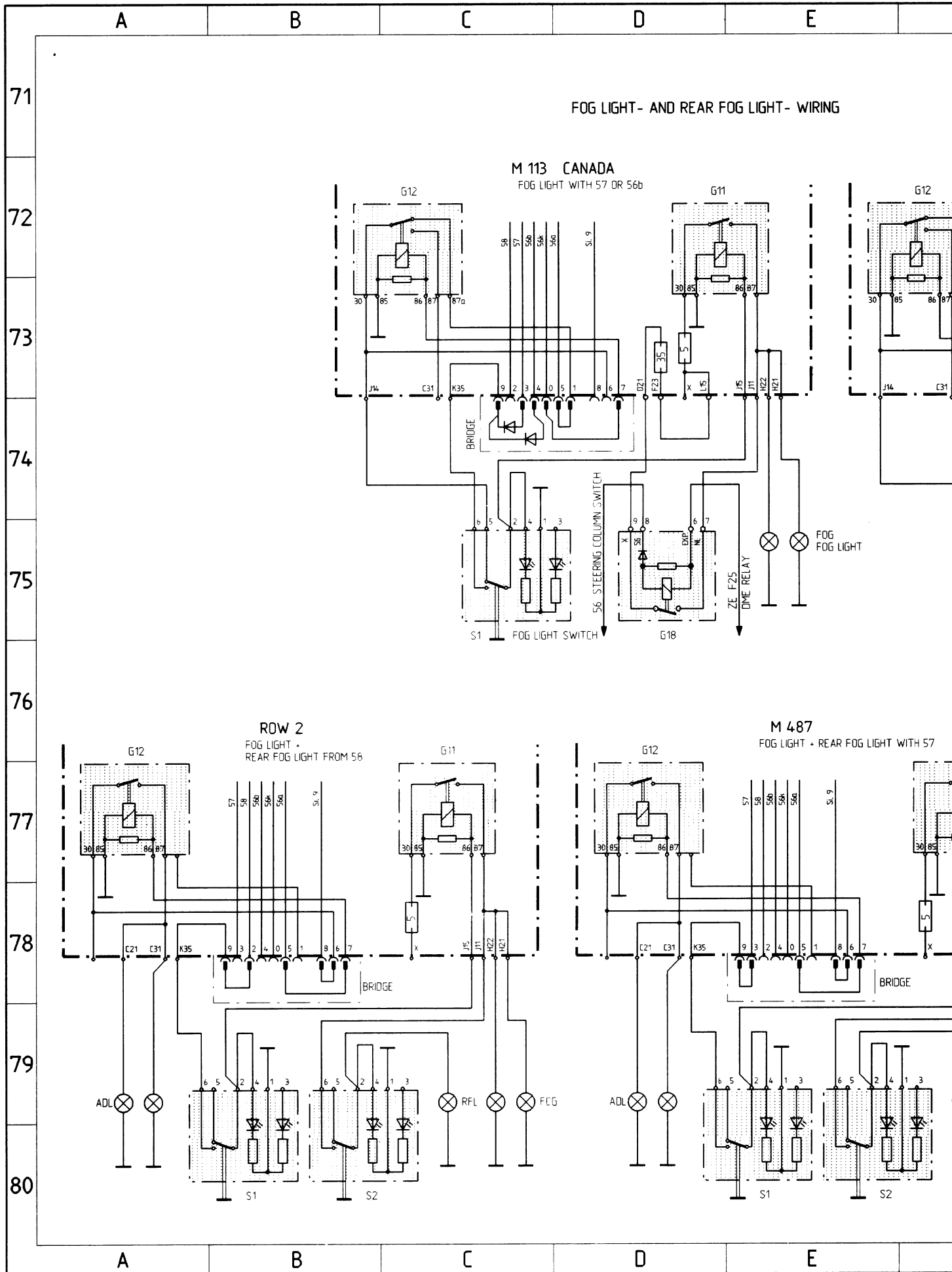


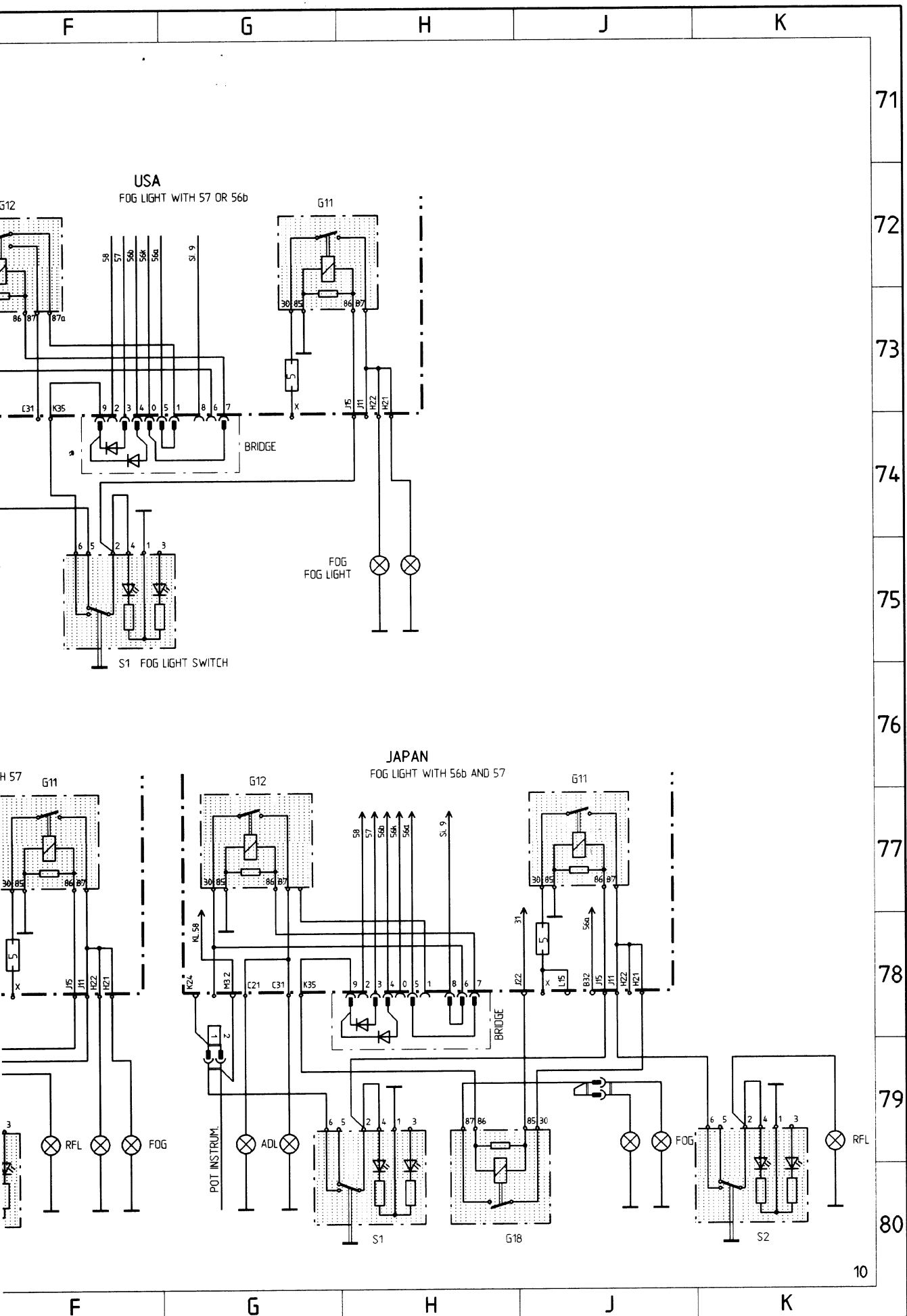




# 944 S Model 91 Sheet 10

## FOG LIGHT, REAR FOG LIGHT

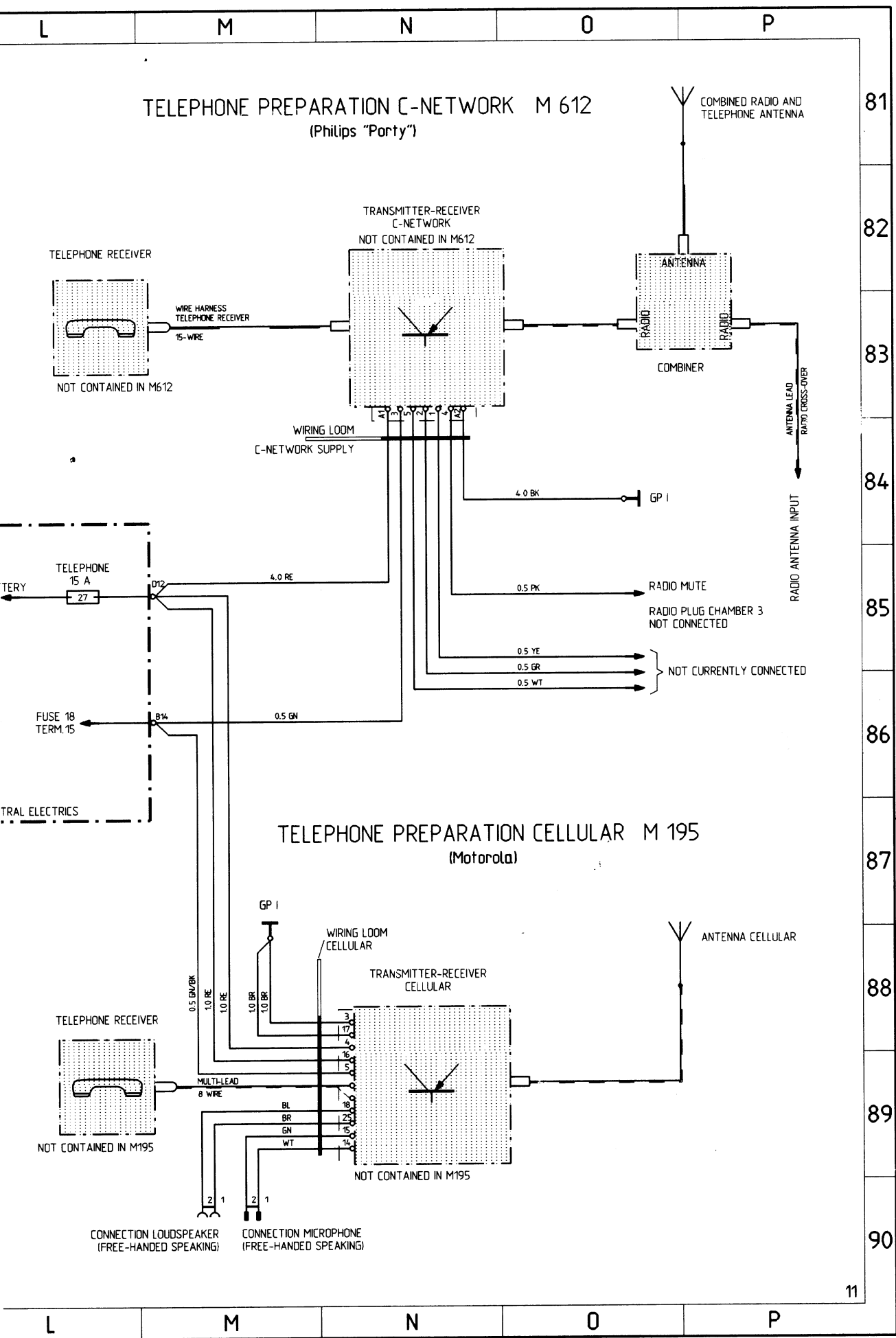






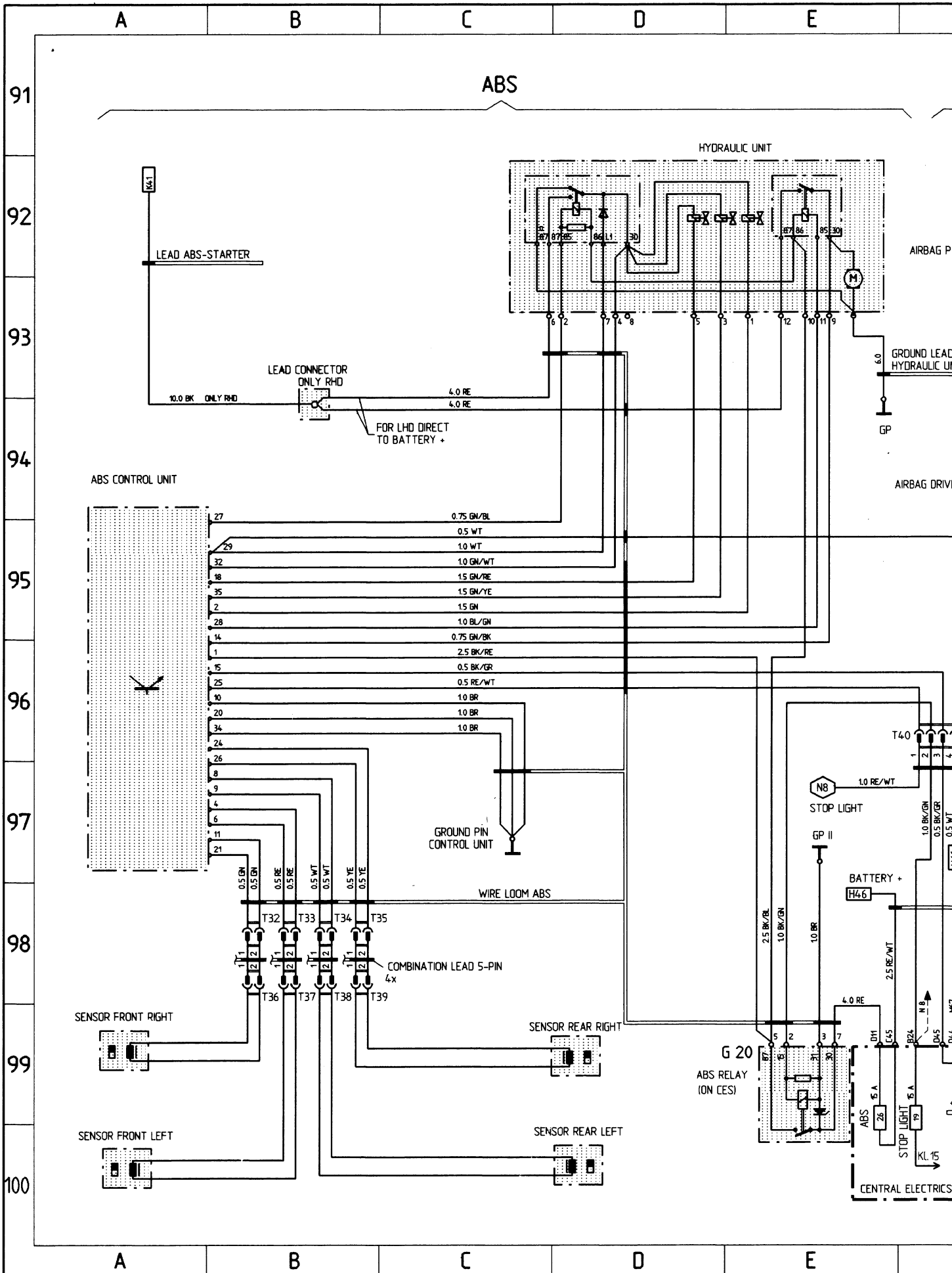


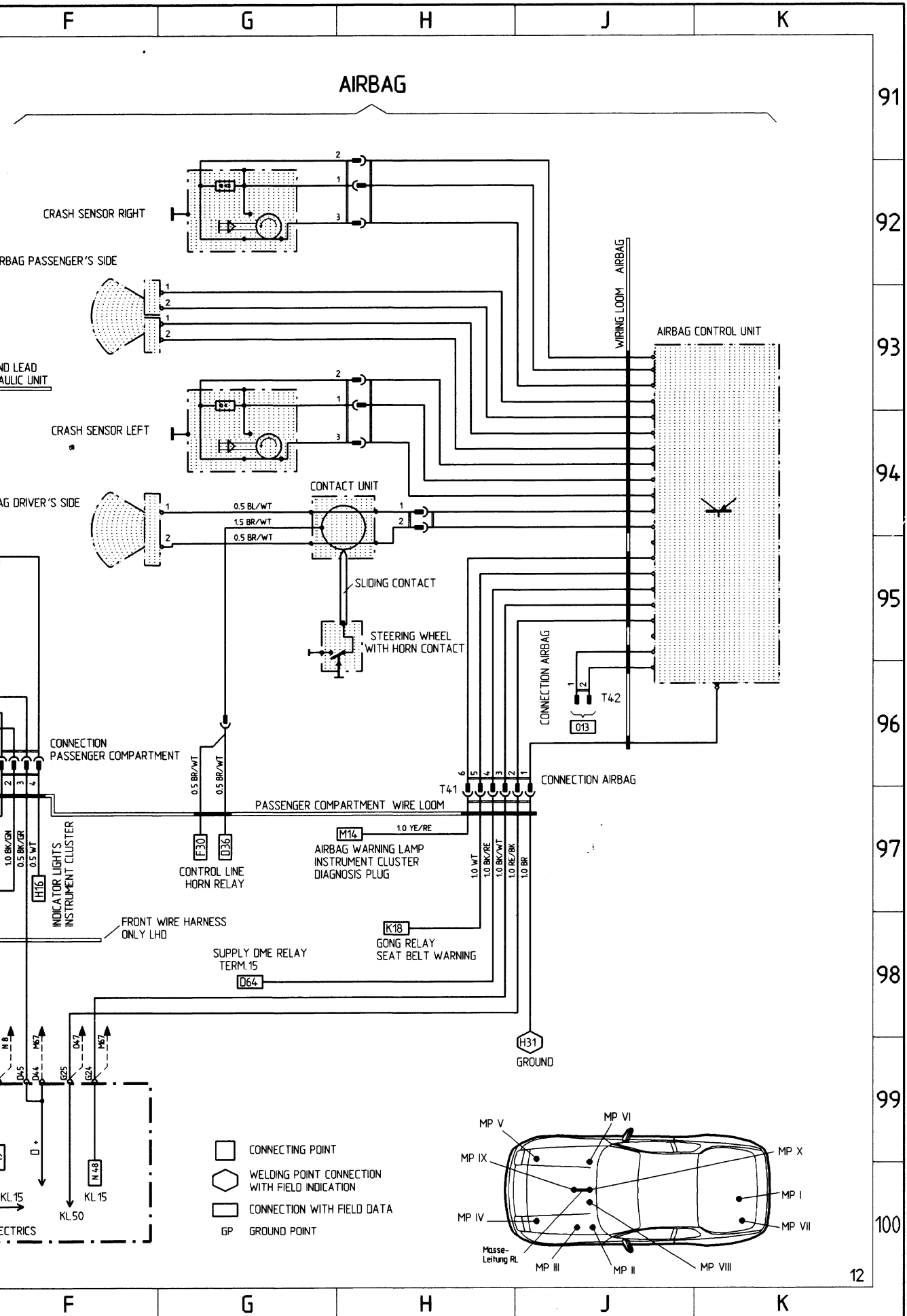




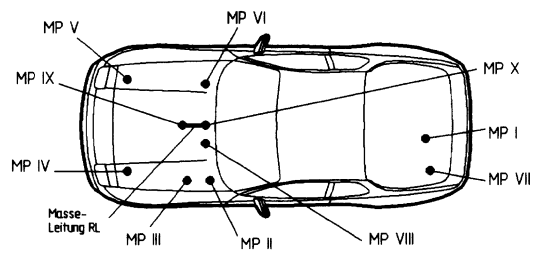
# 944 S Model 91 Sheet 12

ABS, AIRBAG



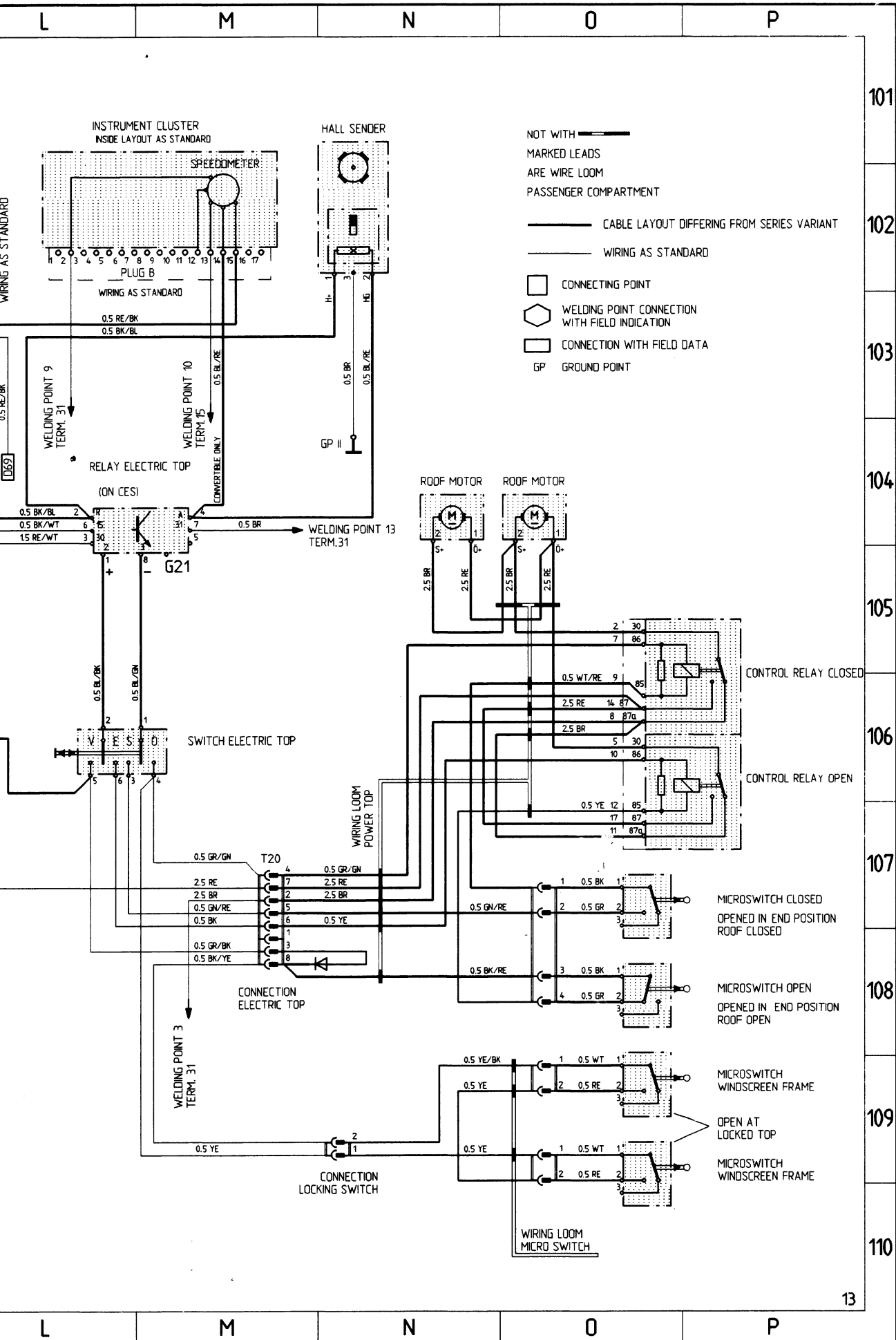


91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
12











A		B		C		D		E	
CONSTRUCTION COMPONENTS									
DESIGNATION, FUNCTION		POSITION IN VEHICLE		NOTE		FIELD IN WIRING DIAGRAM			
		LHD	RHD						
AIRBAG PASSENGER'S SIDE		9bM	—	ABOVE GLOVE BOX		F93			
AIRBAG DRIVER'S SIDE		9bP	—	IN STEERING WHEEL		F94			
ALARM HORN		7bL	7bL	IN WATER BOX		F69			
ALARM SWITCH ENGINE HOOD		7bP	7bP	FIRE WALL LEFT		B69			
ANTENNA AMPLIFIER		7cL	7cL	IN FOOTWELL, RIGHT SIDE		A/J/083			
OUTSIDE TEMP. SENSOR		6cN	6cN	IN HEATER BOX		A23			
BATTERY		6cL	—	IN WATER BOX		H42			
BATTERY		—	16cR	IN BOHLMANN COMPARTMENT		H42			
BRAKE FLUID LEVEL CONTROL SWITCH		6cP	6cM	IN BRAKE FLUID RESERVOIR		B19			
STOP LIGHT SWITCH		7dP	7dM	TO FOOT CONTROLS		O9			
CABRIO: MICRO SWITCH ROOF LATCH		10aM/P	10aM/P	IN WINDSCREEN FRAME		P109			
CABRIO: MICRO SWITCH ROOF OPENED/CLOSED		13cL	13cL	CLOSE TO ROTATION POINT OF ROOF		O107/108			
CABRIO: ROOF MOTOR		14cN/O	14cN/O	BELOW THE PARCEL TRAY		N104, O104			
CABRIO: CONTROL RELAY MOTOR TOP OPEN/CLOSE		14cM	14cM	IN LUGGAGE COMPARTMENT ON FIREWALL		O106			
CODES PLUG		7dM	7dP	IN PASSENGER'S FOOTWELL		E/F50			
DIAGNOSIS PLUG		7dM	7dP	IN PASSENGER'S FOOTWELL		M12			
SPEED REFERENCE MARK SENDER		6cN	6cN	ABOVE FLYWHEEL		A49			
THROTTLE VALVE SWITCH		4/5cO	4/5cO	ON THROTTLE VALVE ASSEMBLY		A44			
PRESSURE SWITCH AIR CONDITIONING SYSTEM		3dQ	3dQ	IN ENGINE COMPARTMENT FRONT LEFT		A24/25			
CRASH SENSOR LEFT		7cQ	—	INSIDE FIREWALL LEFT		G94			
CRASH SENSOR RIGHT		7cL	—	INSIDE FIREWALL RIGHT		G92			
GAS PRESSURE PROP LEFT		15bQ	15bQ	ON TAILGATE		K25			
GAS PRESSURE PROP RIGHT		15bL	15bL	ON TAILGATE		L26			
GENERATOR		3cO	3cO	ON ENGINE		J41/42			
SEAT BELT CONTACT		10dO	10dN	TO BELT BUCKLE		B15			
HALL SENDER		14dO	14dO	ON GEARBOX		M16, N101			
HALL SENDER F. CYL.1 RECOGNITION		3cM	3cM	ON TOOTHED BELT HOUSING OVER		A46			
PARKING BRAKE CONTACT		9dR	9dK	ON HAND BRAKE LEVER		B15			
TAILGATE UNLOCKING		18cM	18cM	IN LUGGAGE COMPARTMENT AT END-PANEL		G34/H34			
LIFTING ROOF MOTOR W. CONTROL RELAY, MICRO SWITCH		16dQ	16dQ	IN BOHLMANN COMPARTMENT		K36/37/38			
HORN 1		2dQ	2dQ	MUDGUARD FRONT LEFT		A39			
HORN 2		2dQ	2dQ	MUDGUARD FRONT LEFT		A40			
HORN CONTACT FOR AIRBAG		9bP	—	ON STEERING WHEEL		H95/K30			
HYDRAULIC UNIT		7dK	7dK	IN MUDGUARD		D/E92			
INSIDE TEMP. SENSOR BLOWER		8cM	8cP	IN CONTROL PANEL AREA		E21			
CONCEALED HEADLIGHT MOTOR		3cM	3cM	IN ENGINE COMPARTM. BEHIND RIGHT CONCEALED HEADL.		A/B/9/10			
AIR COMPRESSOR		3dO	3dO	ON ENGINE		A23			
KNOCK SENSOR		5cN	5cN	ON ENGINE BLOCK		A47/48			
CONTACT UNIT		9bP	—	ON STEERING WHEEL		H94			
FUEL PUMP		15dL	15dL	ON BASE REAR RIGHT		N46			
CLUTCH SWITCH		7dP	7dM	TO FOOT CONTROLS		N44			
COOLING WATER TEMPERATURE SWITCH		2dP	2dP	ON RADIATOR		A30			

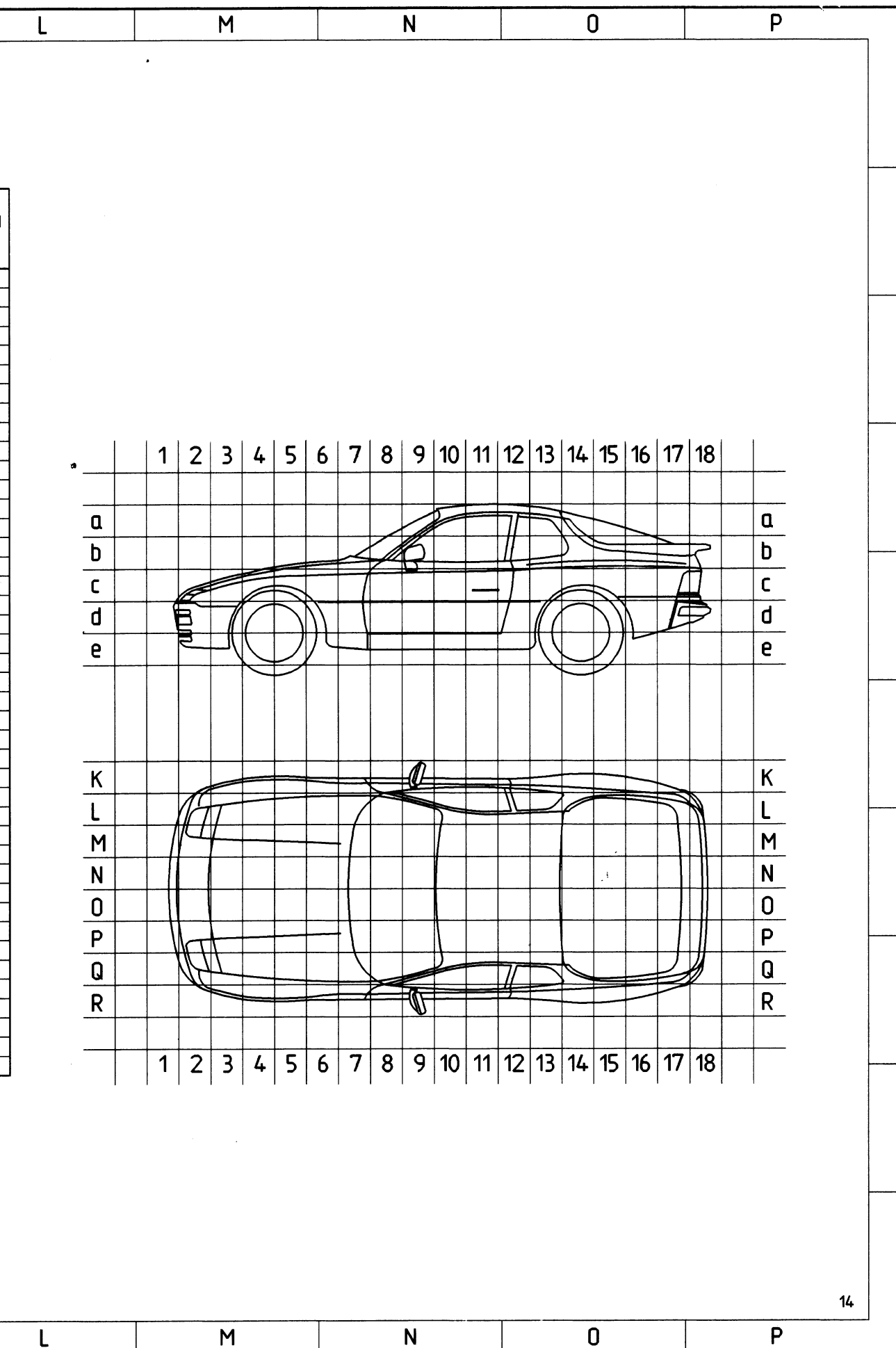
F	G	H	J	K	L
---	---	---	---	---	---

IN  
MM

DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE	FIELD IN WIRING DIAGRAM
	LHD	RHD		
OXYGEN SENSOR	8eN	8eN	IN FRONT OF CATALYZER	A46
IDLE SPEED POSITIONER	5cO	5cO	IN ENGINE COMPARTMENT	A48
AIR FLOW SENSOR	3cP	3cP	IN ENGINE COMPARTMENT	A45
FAN MOTOR 1	3cN	3cN	ON RADIATOR	A28
FAN MOTOR 2	3cN	3cN	ON RADIATOR	A27
MICRO SWITCH ROOF CLOSED	10aO	10aO	IN ROOF	K40
ENGINE COMPARTMENT LIGHT	5bP	5bP	ON ENGINE HOOD	A1
MOTOR POWER WINDOW PASSENGER'S SIDE	9dK	9dR	IN PASSENGER'S DOOR	D101
MOTOR POWER WINDOW DRIVER'S SIDE	9dR	9dK	ON DRIVER'S DOOR	E106
OIL PRESSURE SENDER AND SWITCH	3dM	3dM	ON ENGINE BLOCK BELOW OIL FILTER	F47
OIL LEVEL WARNING SWITCH	6eN	6eN	UNDER THE ENGINE ON OIL PAN	F44
BACKUP LIGHT SWITCH	15dO	15dO	ON GEARBOX	O7
SWITCH TAILGATE UNLOCKING	7dQ	7dL	IN DRIVER'S FOOTWELL	F31
SWITCH CRUISE CONTROL	9bP	9bM	ON STEERING COLUMN	K44
LOCK CYLINDER LEFT	11cB	11cB	DOOR HANDLE LEFT	O67
LOCK CYLINDER RIGHT	11cK	11cK	DOOR HANDLE RIGHT	O63
TAILGATE UNLOCKING SWITCH	18bN	18bN	ON TAILGATE LOCK	G31
HEADLIGHT CLEANER PUMP	3dL	3dL	IN ENGINE COMPARTM. LOW ON WINDSHIELD WASHER TANK	A25
STARTER	7cN	7cN	ON CLUTCH BELL HOUSING	L41
DRIVE LEFT HEADLIGHT VERTICAL AIM CONTROL	2cP	2cP	ON HEADLIGHT LEFT	A7
DRIVE RIGHT HEADLIGHT VERTICAL AIM CONTROL	2cM	2cM	ON HEADLIGHT RIGHT	A6
DRIVE LEFT CENTRAL LOCK	11cR	11cR	IN DOOR LEFT	O68
DRIVE RIGHT CENTRAL LOCK	11cK	11cK	IN DOOR RIGHT	O64
DRIVE CRUISE CONTROL	6cL	6cL	IN ENGINE COMPARTMENT	K44
CONTROL UNIT ABS	7cL	7cL	IN FOOTWELL, RIGHT SIDE	A94
CONTROL UNIT AIRBAG	6cM	—	IN PASSENGER'S FOOTWELL	J93
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	6dM	6dP	IN PASSENGER'S FOOTWELL	D66
CONTROL UNIT DME	6dM	6dP	IN PASSENGER'S FOOTWELL	D46-49
CONTROL UNIT CRUISE CONTROL	7cR	7cR	IN LEFT FOOTWELL	M44/45, K101
BUZZER CONTACT	8cP	8cM	ON IGNITION LOCK	M18
TANK VENTING VALVE	6cQ	6cQ	944 CAT. ONLY IN ENGINE COMPARTMENT	A43
FUEL LEVEL SENDER	15cN	15cN	IN FUEL TANK	B17
TEMPERATURE SENSOR FOR CATALYZER	9eN	9eN	ON CATALYZER	B19
WASHING FLUID PUMP	3cL	3cL	TOP OF EXPANSION TANK IN ENGINE COMPARTMENT	A26
COOLANT TEMP. SWITCH AND SENDER	4dP	4dP	ON ENGINE BLOCK	E47
NTC COOLANT SENSOR	4cO	4cO	ON ENGINE BLOCK	A49
WIPER MOTOR	7bO	7bN	IN WATER BOX	H25
CENTRAL ELECTRICS	7bQ	7bQ	LEFT IN WATER BOX	A51-P60
IGNITION FINAL STAGE	3dQ	3dQ	IN ENGINE COMPARTMENT	G46
IGNITION LOCK	9bP	9bM	ON STEERING COLUMN	N44
IGNITION COIL	3cL	3cL	WHEEL HOUSING RIGHT FRONT	J45

q  
b  
c  
d  
e  
  
K  
L  
M  
N  
O  
P  
Q  
R

F	G	H	J	K	L
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# 944 S Model 91 Sheet 15

## PLUG CONNECTIONS AND GROUND POINTS

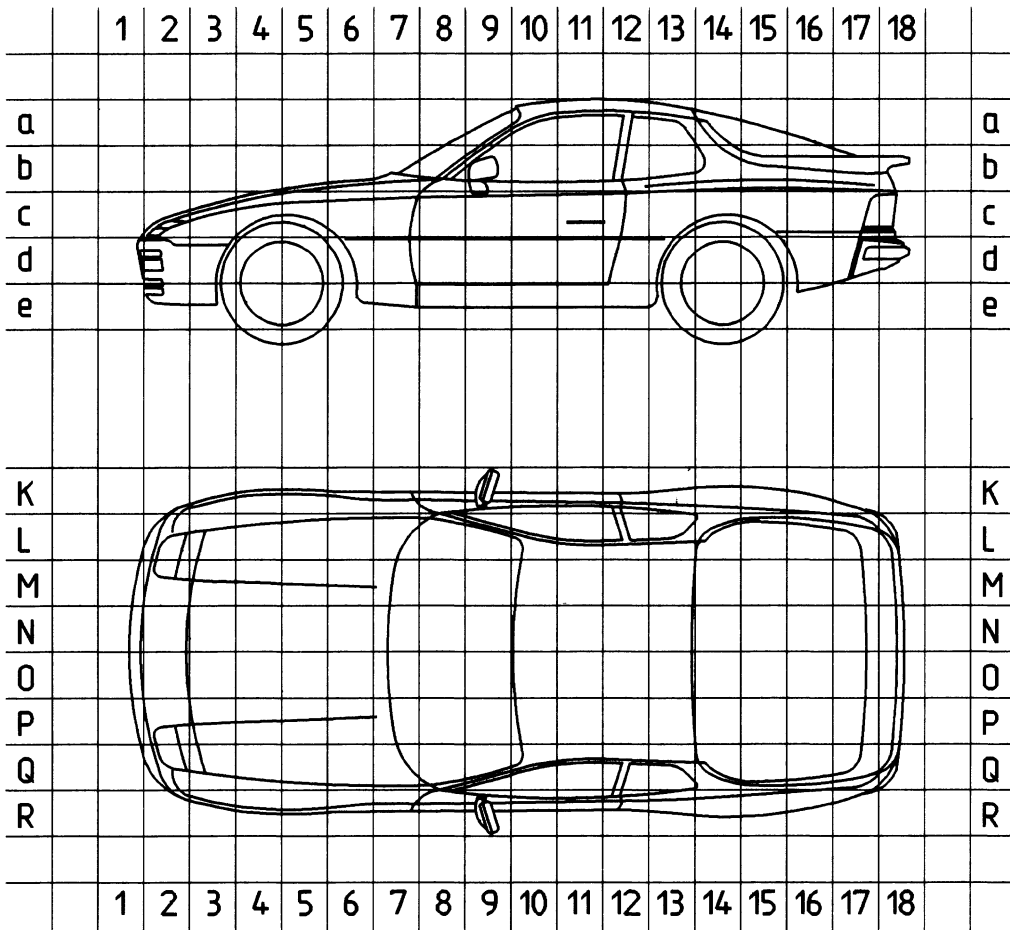
A		B		C		D		E	
<b>PLUG CONNECTIONS</b>									
CODE	NUMBER OF PINS	DESIGNATION, FUNCTION	POSITION IN VEHICLE		NOTE				
			LHD	RHD					
T1	14	WIRE HARNESS / PASSENGER COMPARTMENT	6dM	6dP	IN PASSENGER'S FOOTWELL				
T2									
T3									
T4	2	BRAKE PAD WEAR CONTACT FRONT RIGHT / COMBI. LEAD	5dL	5dL	LOW ON SHOCK ABSORBER				
T5	2	COMB. LEAD RIGHT / WH FRONT (BVA)	6cL	6cL	IN ENGINE COMPARTMENT				
T6	2	COMB. LEAD LEFT / WH FRONT (BVA)	6cQ	6cQ	IN ENGINE COMPARTMENT				
T7	2	BRAKE PAD WEAR CONTACT FRONT LEFT / COMBI. LEAD	5dQ	5dQ	LOW ON SHOCK ABSORBER				
T8	2	BRAKE PAD WEAR CONTACT REAR RIGHT / COMBI. LEAD	14dL	14dL	ON SEMI-TRAILING ARM				
T9	2	COMB. LEAD RIGHT / WH PASSENGER COMP.	15dM	15dM	} ABOVE DRIVE SHAFTS ON } LUGGAGE COMPARTMENT PANEL				
T10	2	COMB. LEAD LEFT / WH PASSENGER COMP.	15dP	15dP					
T11	2	BRAKE PAD WEAR CONTACT REAR LEFT / COMBI. LEAD	14dQ	14dQ	ON SEMI-TRAILING ARM				
T12	6	WH HEATER, AIR CONDITIONING, PASSENGER COMP.	7cO/N	7cO/N	IN CONTROL PANEL AREA				
T13	6	WH PASSENGER COMPARTMENT / ENGINE HOOD	6bP	6bP	IN ENGINE HOOD				
T14	8	SEAT RIGHT / WH PASSENGER COMPARTMENT	11eM	11eM	LOW ON SEAT				
T15	8	SEAT LEFT / WH PASSENGER COMPARTMENT	11eP	11eP	LOW ON SEAT				
T16	4	REAR WINDOW WIPER, HIGH MOUNTED STOP LIGHT / WH PASSENGER COMP.	14cQ	14cQ	BEHIND C-PILLAR				
T17	3	HALL SENDER / DME	6cN	6cN	ON ENGINE REAR ONLY 944 4-VALVE				
T18	12	WH PASSENGER'S DOOR / WH PASSENGER COMP.	7dK	7dR	IN PASSENGER'S FOOTWELL				
T19	14	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR	7dK	IN DRIVER'S FOOTWELL				
T20	8	WIRE HARNESS SUN ROOF / PASSENGER COMPARTMENT	16dQ	16dQ	IN BOHLMANN COMPARTMENT				
T21	14	WIRE HARNESS DME / WIRE HARNESS FRONT	6cP	6cP	IN ENGINE COMPARTMENT				
T22	2	CODING PLUG / DME	6dM	6dP	IN PASSENGER'S FOOTWELL				
T23	3	PLUG FOR DATA FIELD CODING / DME	6dM	6dP	IN PASSENGER'S FOOTWELL				
T24	2	WH ALTERN. STARTER / WH FRONT	6cO	6cO	IN ENGINE COMPARTMENT				
T25									
T26	19	DIAGNOSIS PLUG	6dL	6dO	IN PASSENGER'S FOOTWELL				
T27	12	WH PASSENGER'S DOOR / WH PASSENGER COMP.	7dK	7dR	IN PASSENGER'S FOOTWELL				
T28	12	WH DRIVER'S DOOR / WH PASSENGER COMP.	7dR	7dK	IN DRIVER'S FOOTWELL				
T29	1	ANTENNA AMPLIFIER / WH PASSENGER COMP.	7cO	7cO	BEHIND THE RADIO				
T30	2	COIL FOR RADIO / OR CONTACT BRIDGE	8cP	—	UNDER THE STEERING COLUMN				
T31	2	COIL FOR AMPLIFIER / OR CONTACT BRIDGE	8cP	—	UNDER THE STEERING COLUMN				
T32	2	WH ABS / COMBINATION LEAD FR	6cL	6cL	IN ENGINE COMPARTMENT				
T33	2	WH ABS / COMBINATION LEAD FL	6cQ	6cQ	IN ENGINE COMPARTMENT				
T34	2	WH ABS / COMBINATION LEAD RL	15dP	15dP	ABOVE DRIVE SHAFTS				
T35	2	WH ABS / COMBINATION LEAD RR	15dM	15dM	ON LUGGAGE COMPARTMENT PANEL				
T36	2	COMB. LEAD FR / ABS-SENSOR FR	5dL	5dL	LOW ON SHOCK ABSORBER				
T37	2	COMB. LEAD FL / ABS-SENSOR FL	5dQ	5dQ	LOW ON SHOCK ABSORBER				
T38	2	COMB. LEAD RL / ABS-SENSOR RL	14dQ	14dQ	ON SEMI-TRAILING ARM				
T39	2	COMB. LEAD RR / ABS-SENSOR RR	14dL	14dL	ON SEMI-TRAILING ARM				
T40	4	WH PASSENGER COMPARTMENT / WH ABS	6dM	6dM	IN FOOTWELL, RIGHT SIDE				
T41	6	WH PASSENGER COMPARTMENT / WH AIRBAG	6dM	—	IN PASSENGER'S FOOTWELL				
T42	2	WH PASSENGER COMPARTMENT / WH AIRBAG	6cM	—	IN PASSENGER'S FOOTWELL				
T43	2	MICRO SWITCH SUN ROOF / WH PASSENGER COMPARTMENT	10aO	10aO	IN ROOF				
T44	3	OXYGEN SENSOR / DME	6cN	6cN	ON ENGINE REAR				
T45									
T46									
T47	3	SPEED- REFERENCE MARK SENDER / DME	6cN	6cN	ON ENGINE REAR ONLY 944 4-VALVE				



L M N O P

M - NUMBERS

- |       |                           |       |                                   |
|-------|---------------------------|-------|-----------------------------------|
| M 027 | CALIFORNIA VERSION        | M 479 | AUSTRALIAN VERSION                |
| M 113 | CANADA VERSION            | M 481 | TRANSMISSION                      |
| M 139 | SEAT HEATER SEAT LEFT     | M 484 | USA VERSION                       |
| M 150 | WITHOUT CATALYZER         | M 490 | AUDIO OPTION PACK WITHOUT BOOSTER |
| M 193 | JAPAN VERSION             | M 533 | ALARM SYSTEM                      |
| M 215 | SAUDI-ARABIA VERSION      | M 553 | USA - CANADA VERSION              |
| M 249 | AUTOMATIC TRANSMISSION    | M 562 | AIRBAG                            |
| M 288 | HEADLIGHT CLEANING SYSTEM | M 573 | AIR CONDITIONING SYSTEM           |
| M 340 | SEAT HEATER SEAT RIGHT    | M 593 | ABS                               |
| M 383 | SPORT SEAT LEFT           | M 605 | HEADLIGHT VERTICAL AIM CONTROL    |
| M 387 | SPORT SEAT RIGHT          | M 650 | LIFTING ROOF                      |
| M 454 | CRUISE CONTROL            | M 900 | TOURIST VEHICLES                  |



L M N O P

### **Wiring diagram for 944 turbo Cabriolet**

The wiring diagram of the 944 turbo, 944 S2  
MY '90 is also valid for the 944 turbo  
Cabriolet, MY '91.

# Wiring Diagram Type 924 S Model 88

## COORDINATES

<b>PAGE 1</b>	1 - 10	LIGHTS USA
<b>PAGE 2</b>	1 - 10	LIGHTS ROW
<b>PAGE 3</b>	11 - 20	INSTRUMENT CLUSTER, SENDER, LIFTING ROOF
<b>PAGE 4</b>	21 - 30	OUTSIDE MIRROR, COOLANT FAN MOTOR, HEATER
<b>PAGE 5</b>	31 - 40	AIR CONDITIONING, POWER WINDOW REG., ALARM SYSTEM
<b>PAGE 6</b>	41 - 50	AIR CONDITIONING SYSTEM RHD
<b>PAGE 7</b>	51 - 60	ENGINE COMPARTMENT, CRUISE CONTROL
<b>PAGE 8</b>	61 - 70	CENTRAL ELECTRIC
<b>PAGE 9</b>	71 - 80	RADIO



# Wiring Diagram Type 924 S Model 88

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.

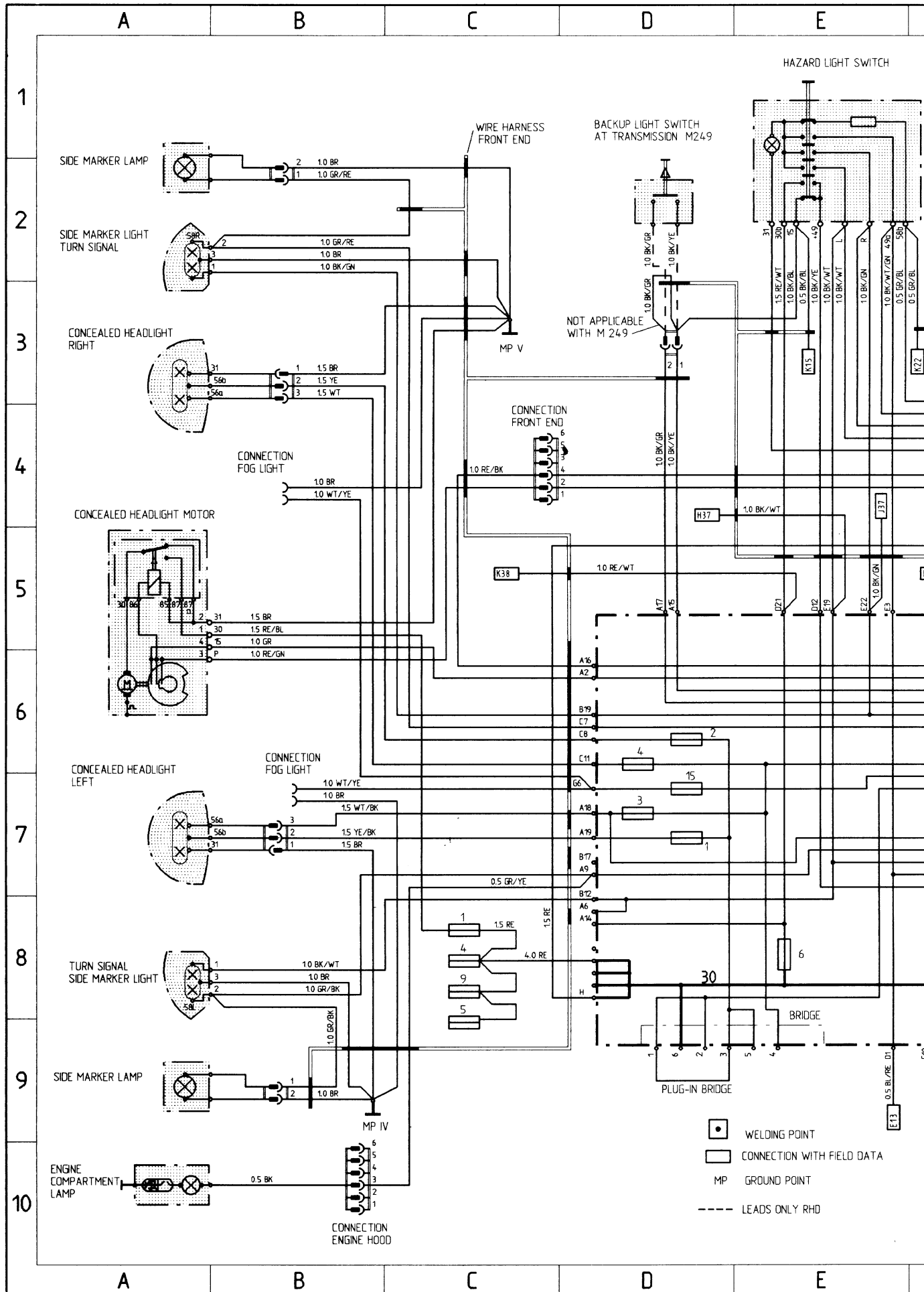
# Wiring Diagram Type 924 S Model 88 page 1

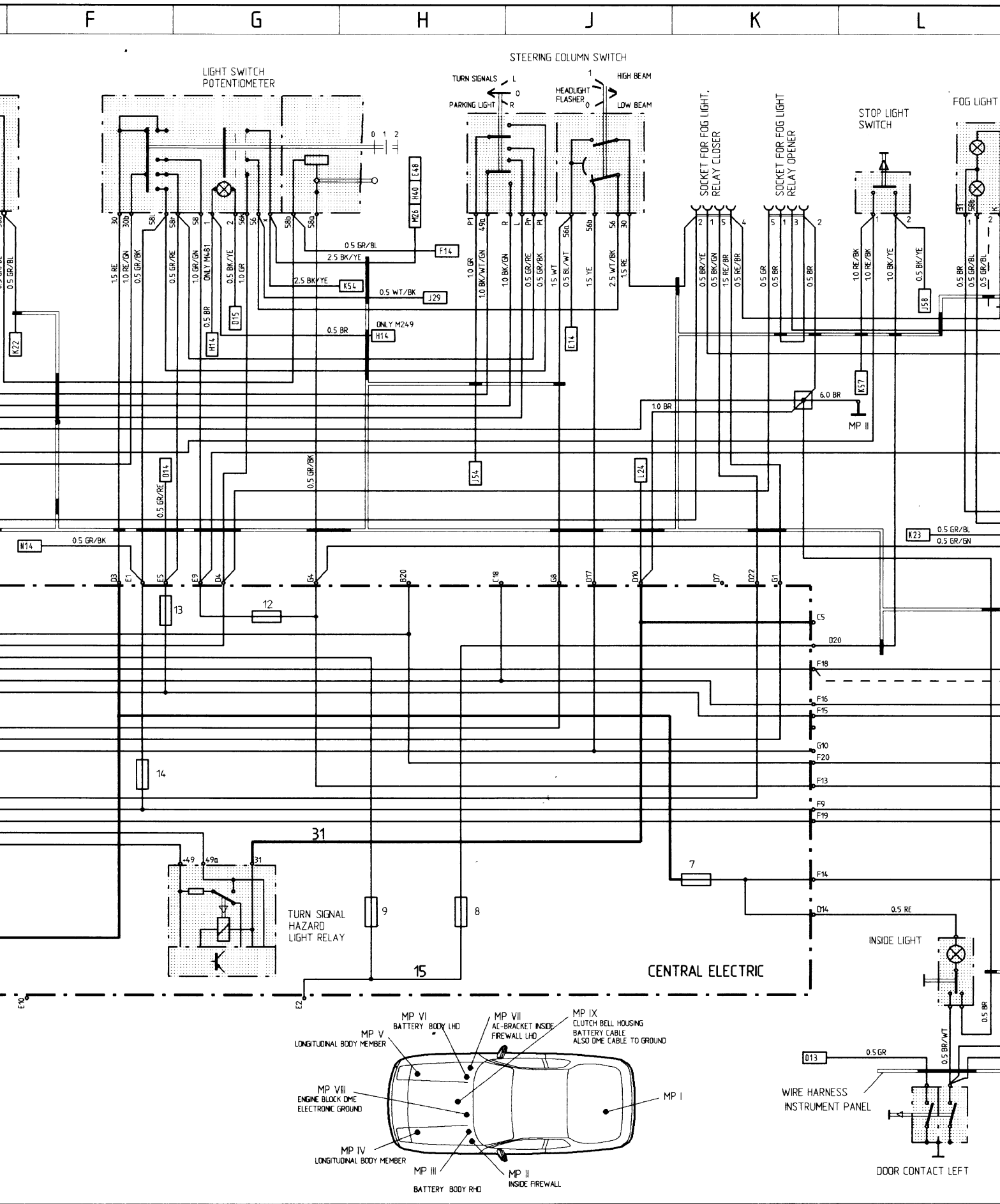
LIGHTING USA  
COORDINATES

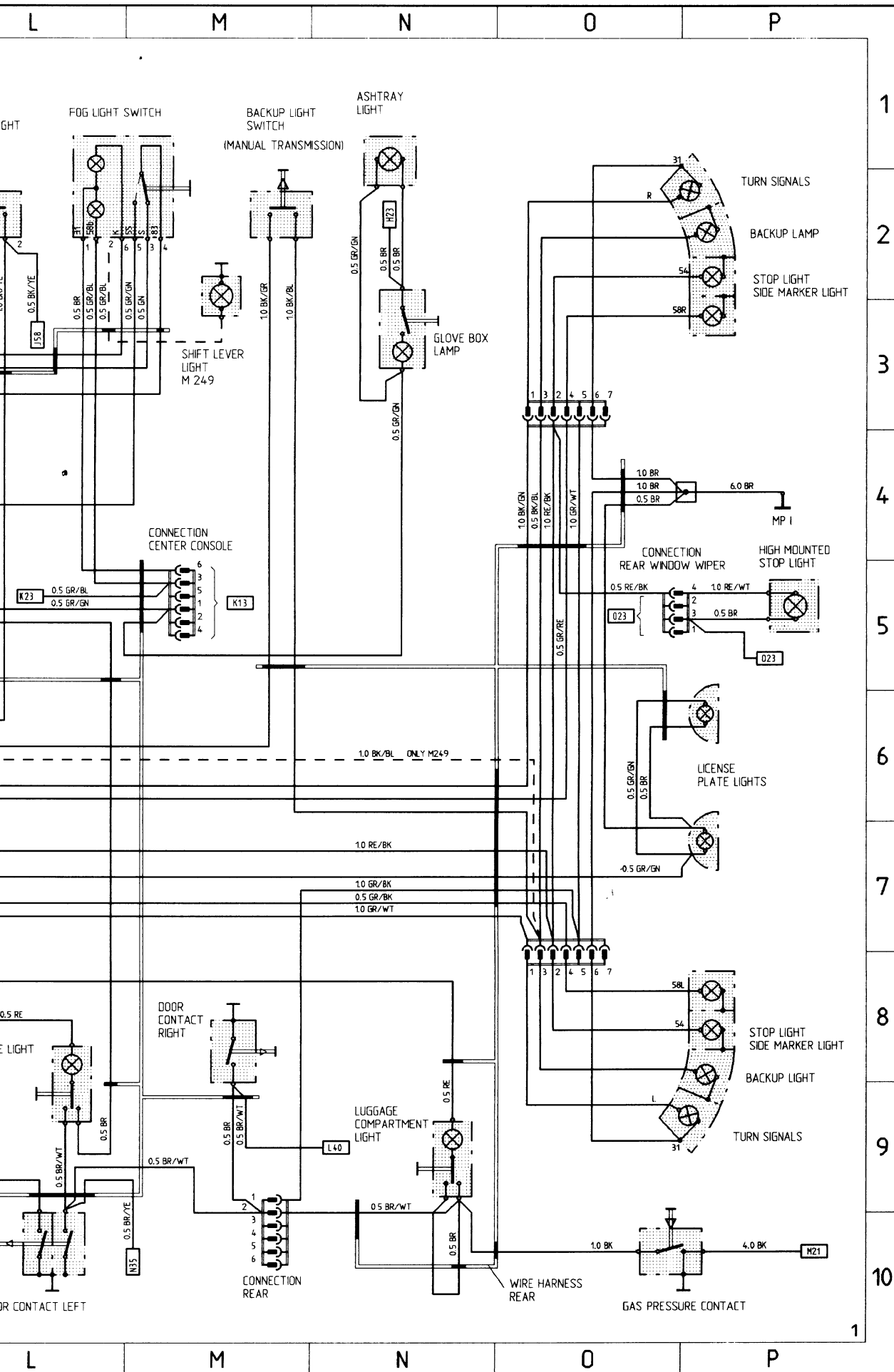
1 - 10

# Wiring Diagram Type 924 S Model 88 page 1

LIGHTS USA







# Wiring Diagram Type 924 S Model 88 page 2

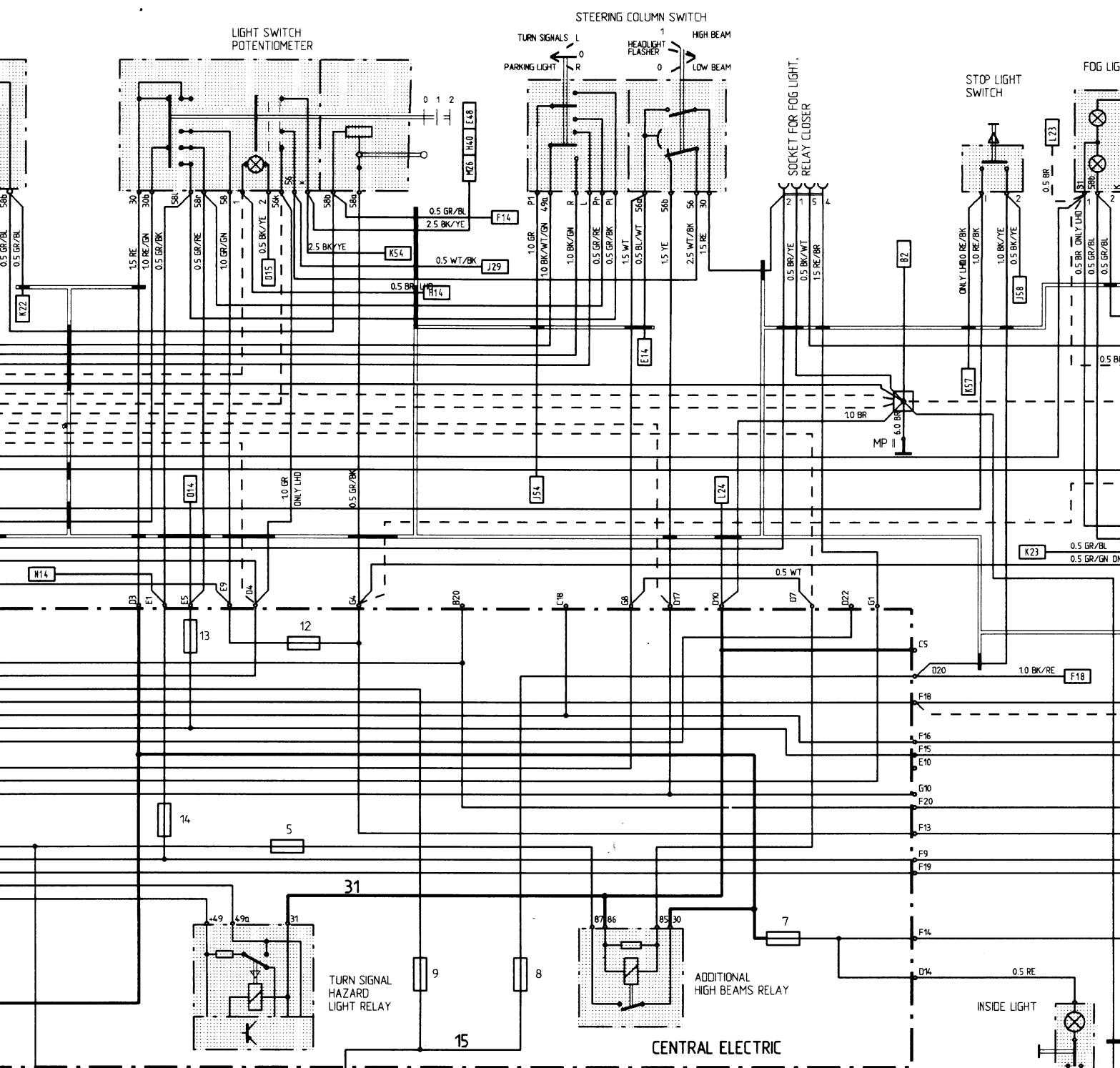
LIGHTING ROW

COORDINATES

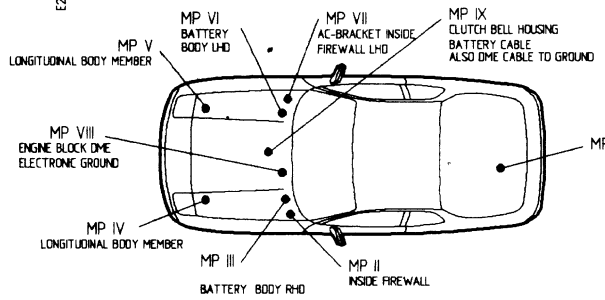
1 - 10



F G H J K L



- WELDING POINT
- CONNECTION WITH FIELD DATA
- MP GROUND POINT
- LEADS ONLY RHD



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





# Wiring Diagram Type 924 S Model 88 page 3

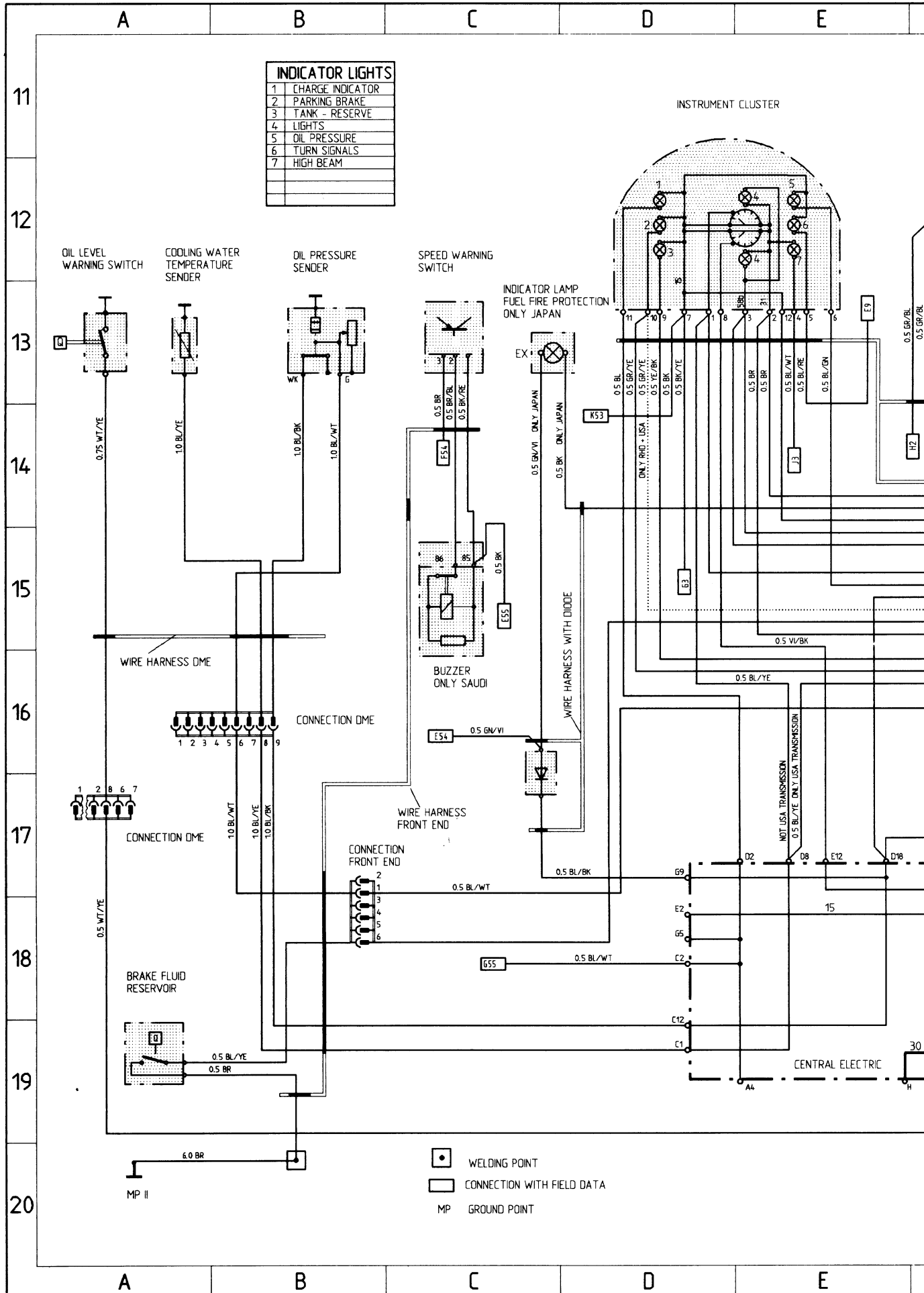
INSTRUMENT CLUSTER, SENDER, LIFTING ROOF

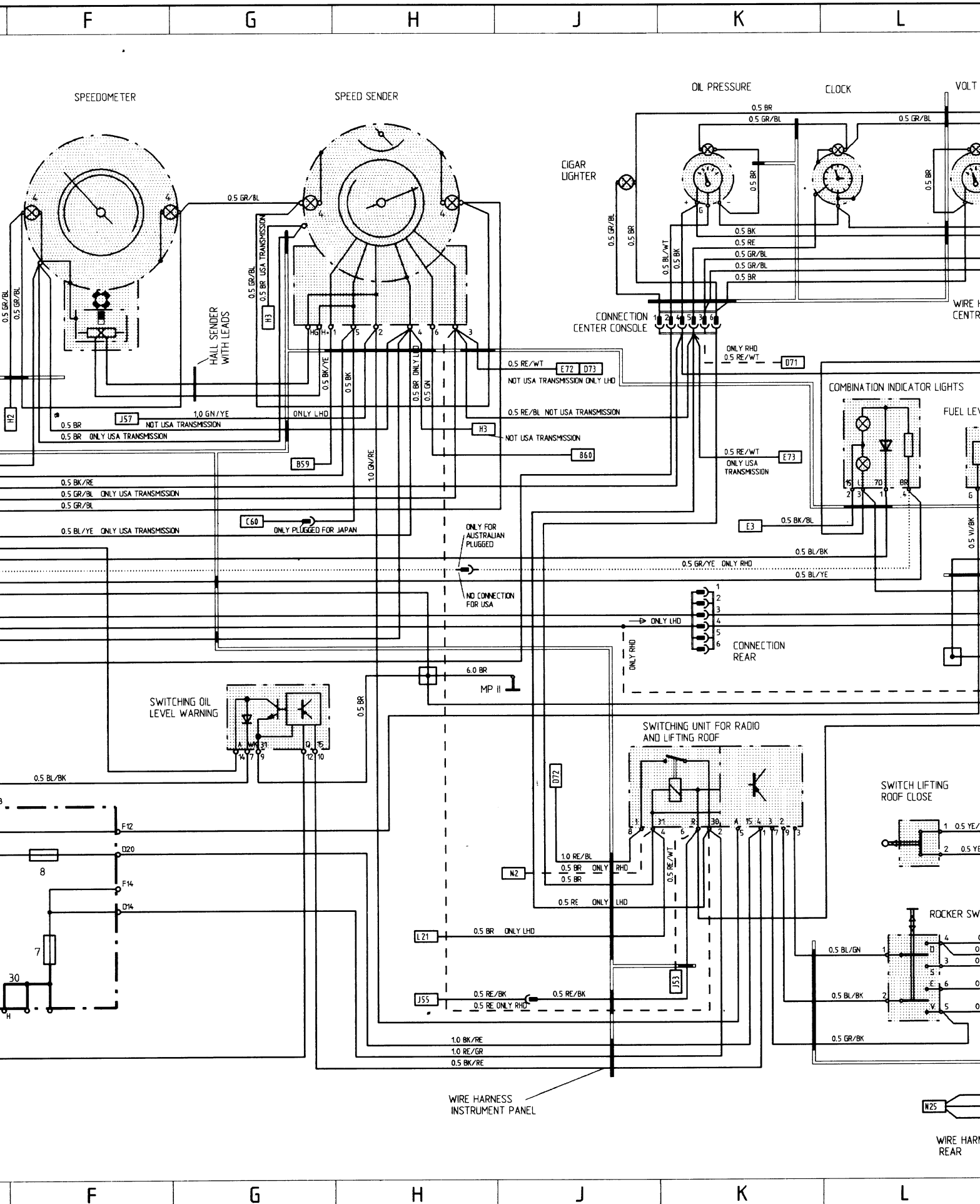
COORDINATES

11 - 20

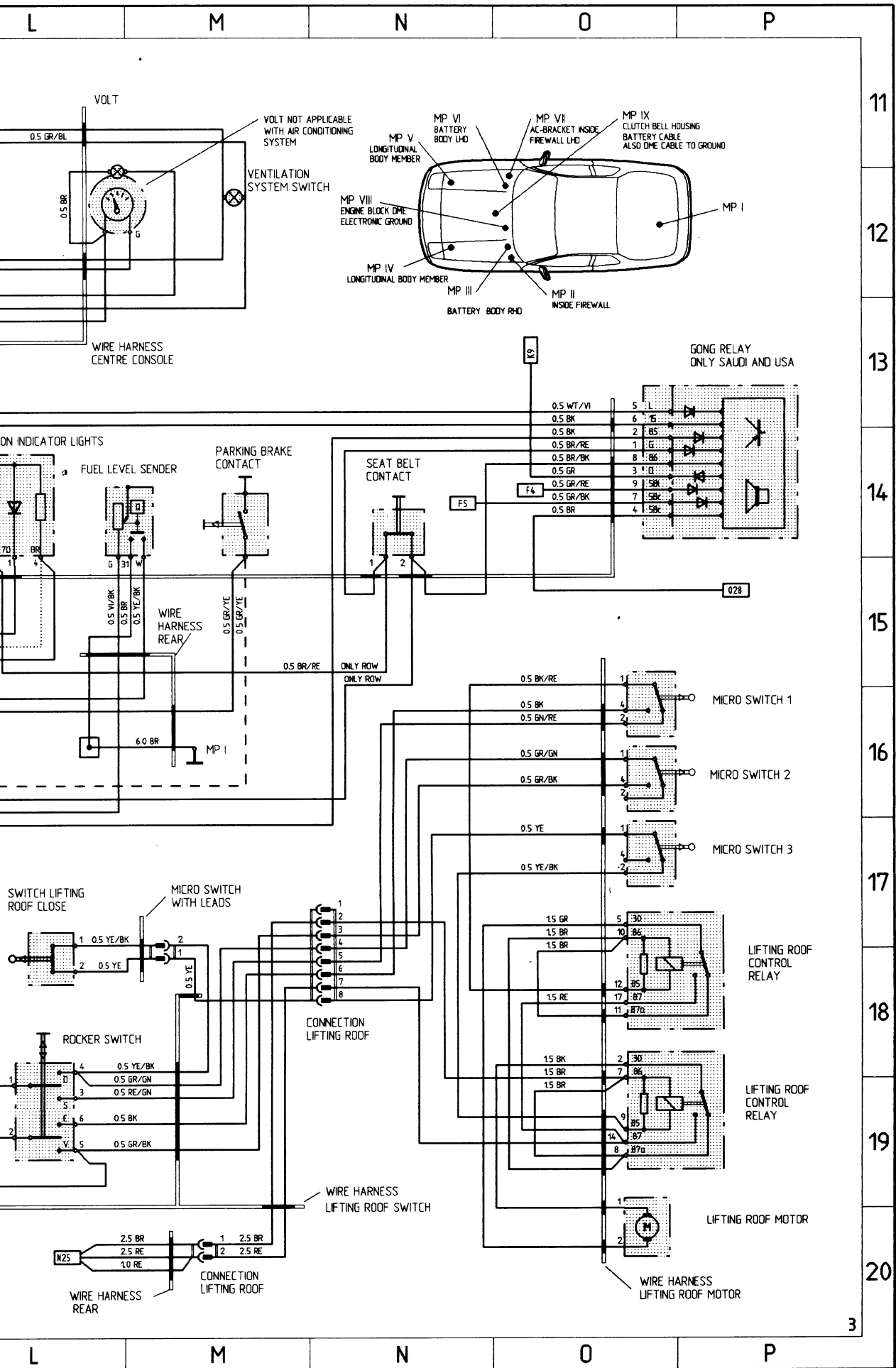
# Wiring Diagram Type 924 S Model 88 page 3

INSTRUMENT CLUSTER, SENDER, LIFTING ROOF





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



# Wiring Diagram Type 924 S Model 88 page 4

OUTSIDE MIRROR, COOLANT FAN MOTOR, HEATER

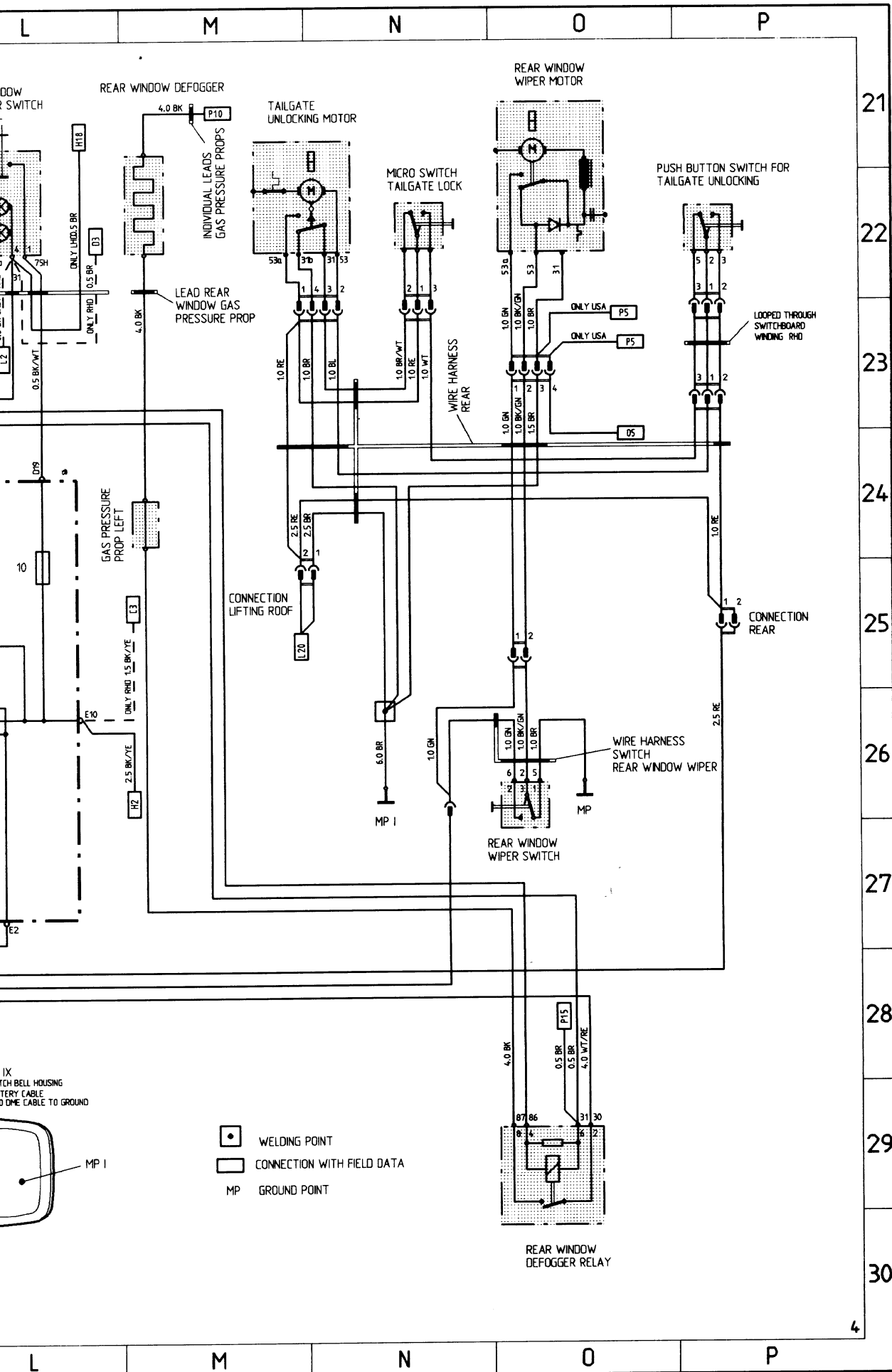
COORDINATES

21 - 30









# Wiring Diagram Type 924 S Model 88 page 5

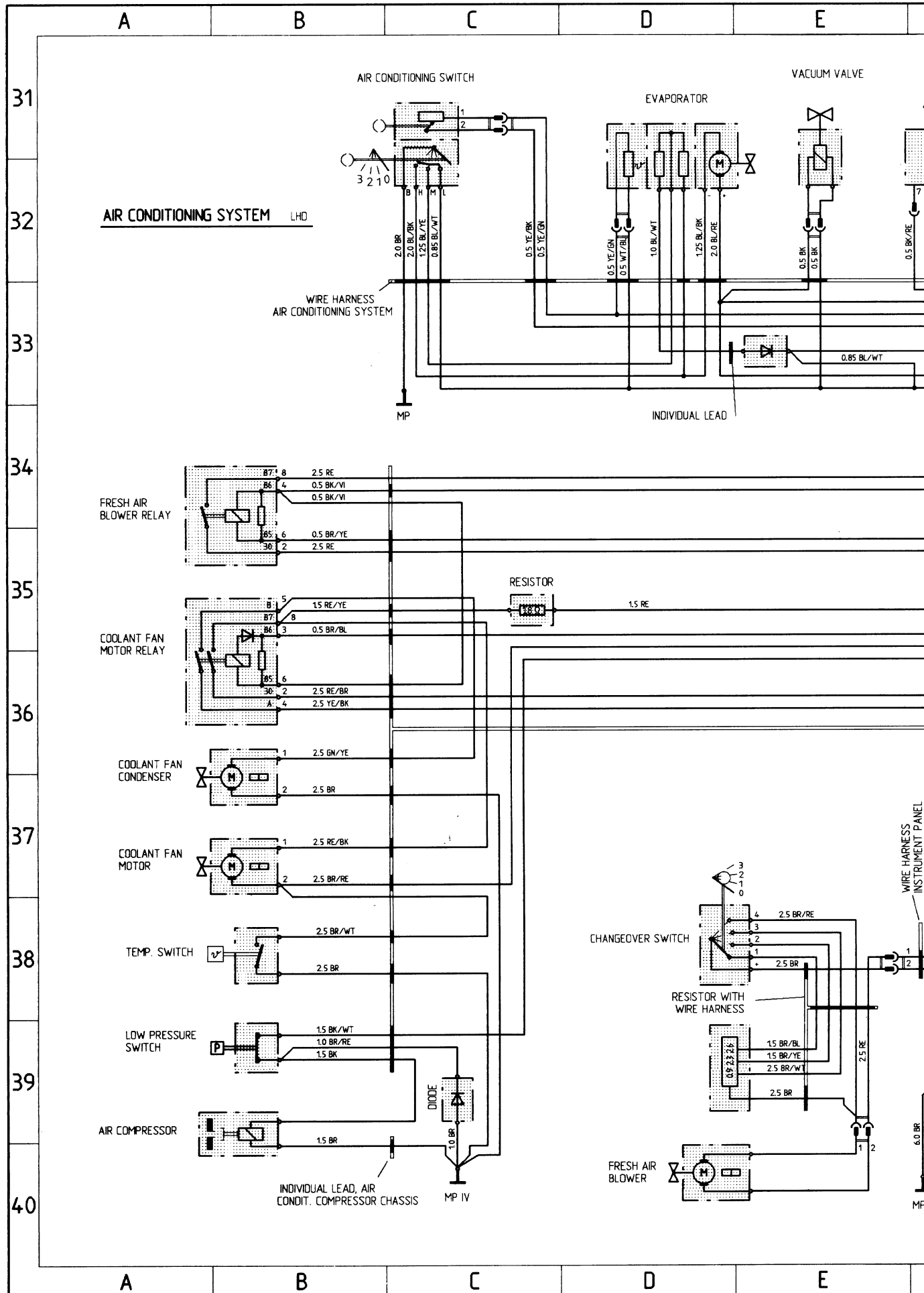
AIR CONDITIONING, POWER WINDOW REG., ALARM SYSTEM

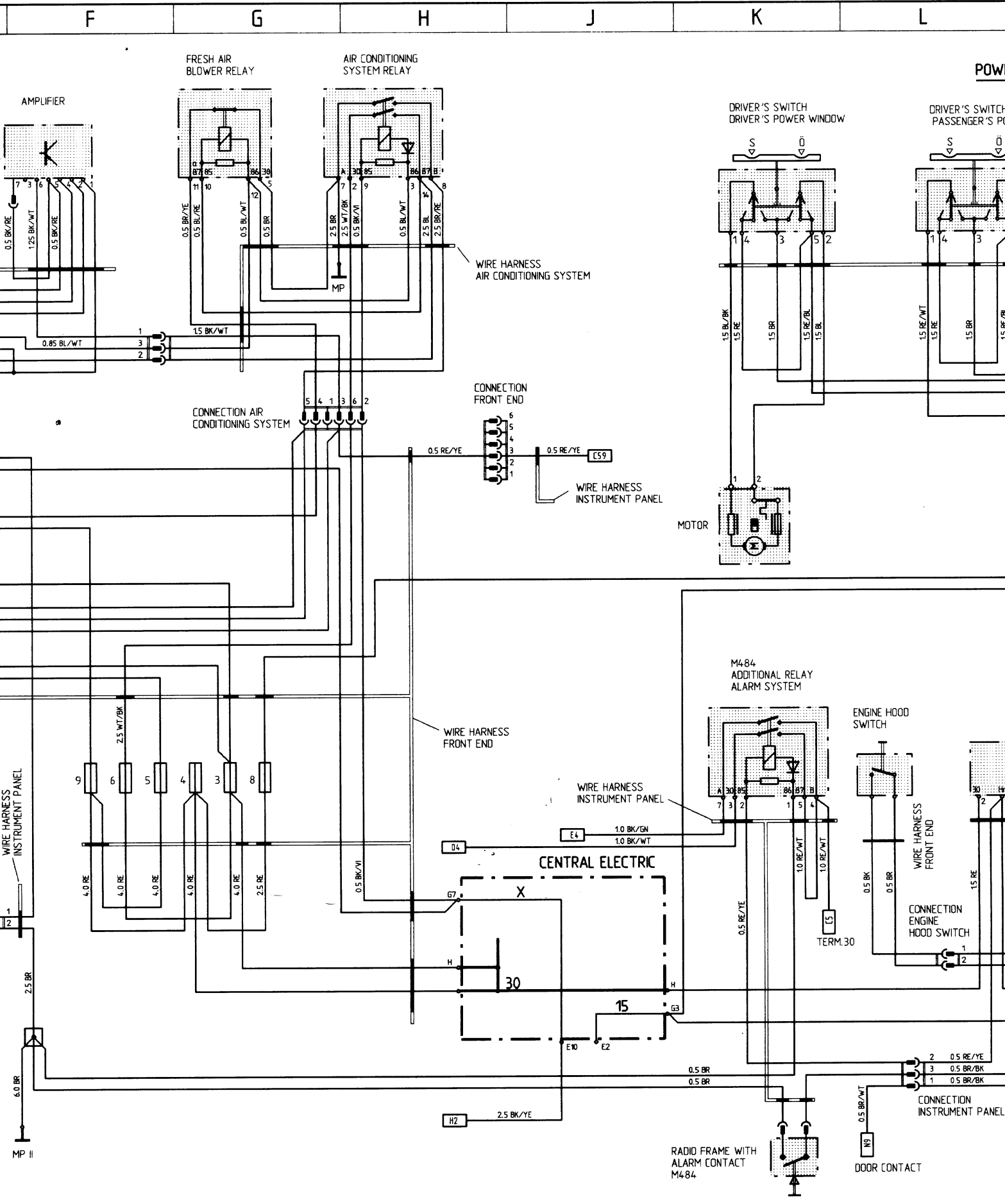
COORDINATES

31 - 40

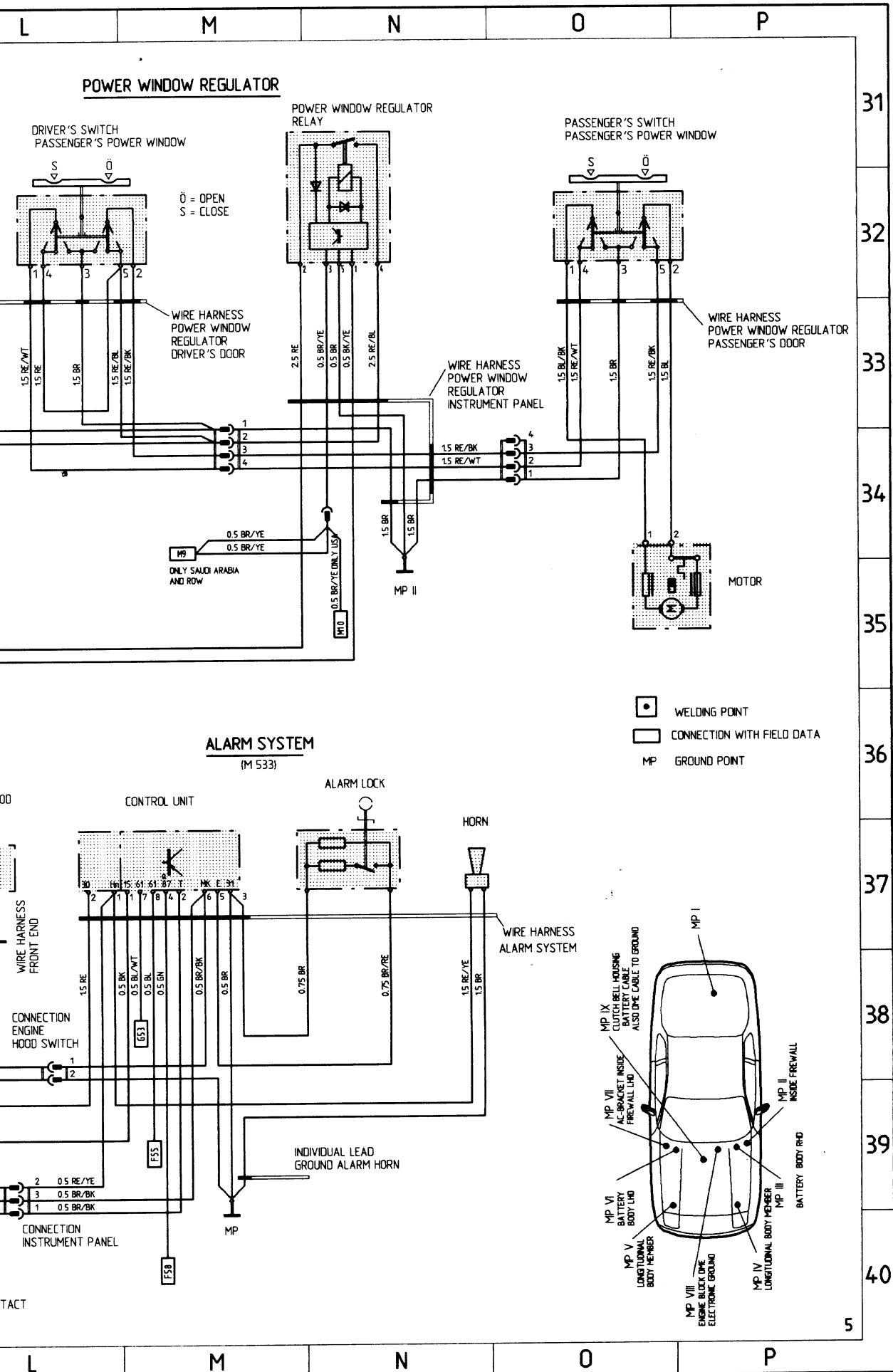
# Wiring Diagram Type 924 S Model 88 page 5

AIR CONDITIONING, POWER WINDOW REG., ALARM SYSTEM





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



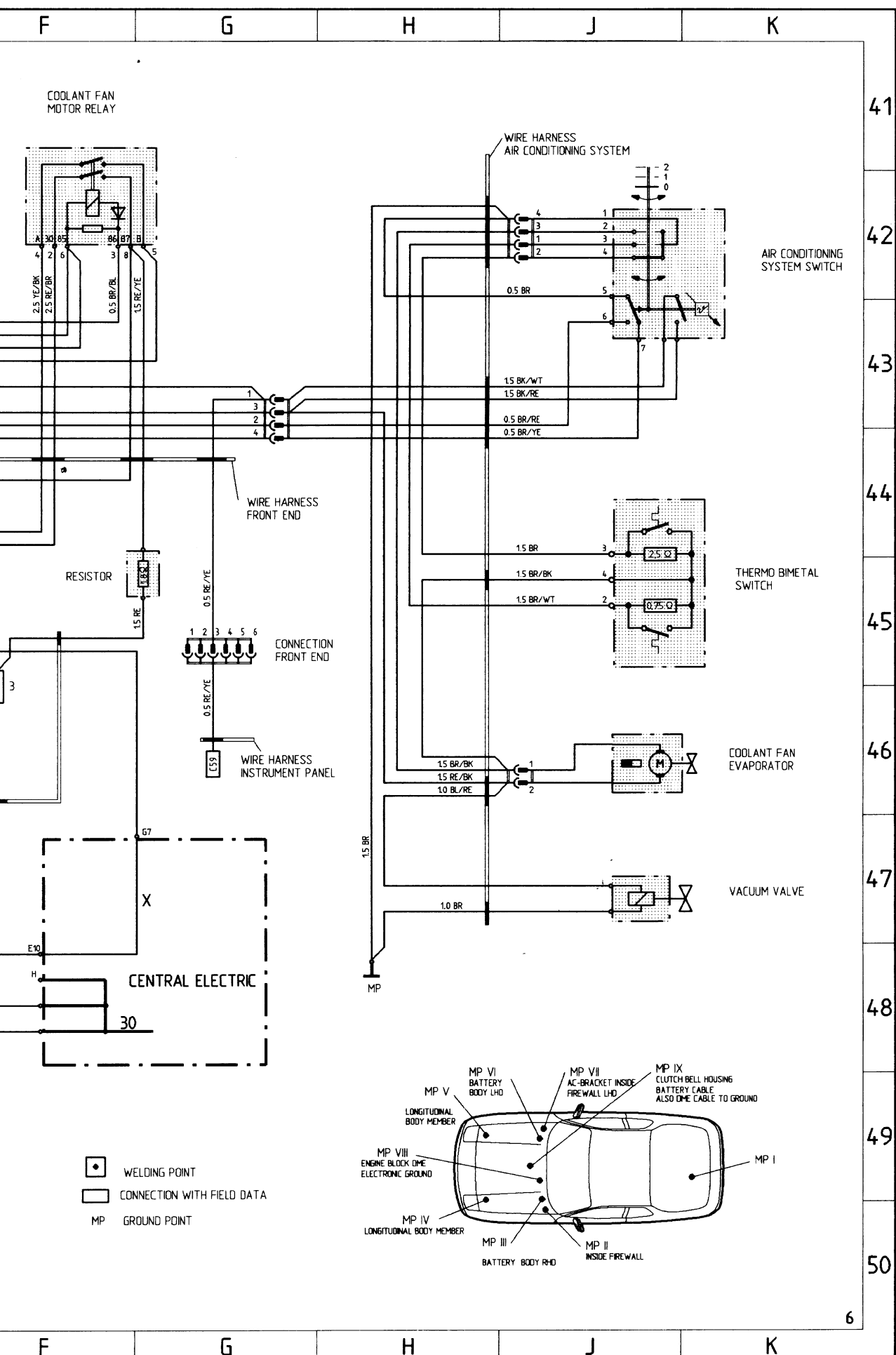
# Wiring Diagram Type 924 S Model 88 page 6

AIR CONDITIONING SYSTEM RHD

COORDINATES

41 - 50





GR=GREY BR=BROWN BL=BLUE VI=VIOLET



# Wiring Diagram Type 924 S Model 88 page 7

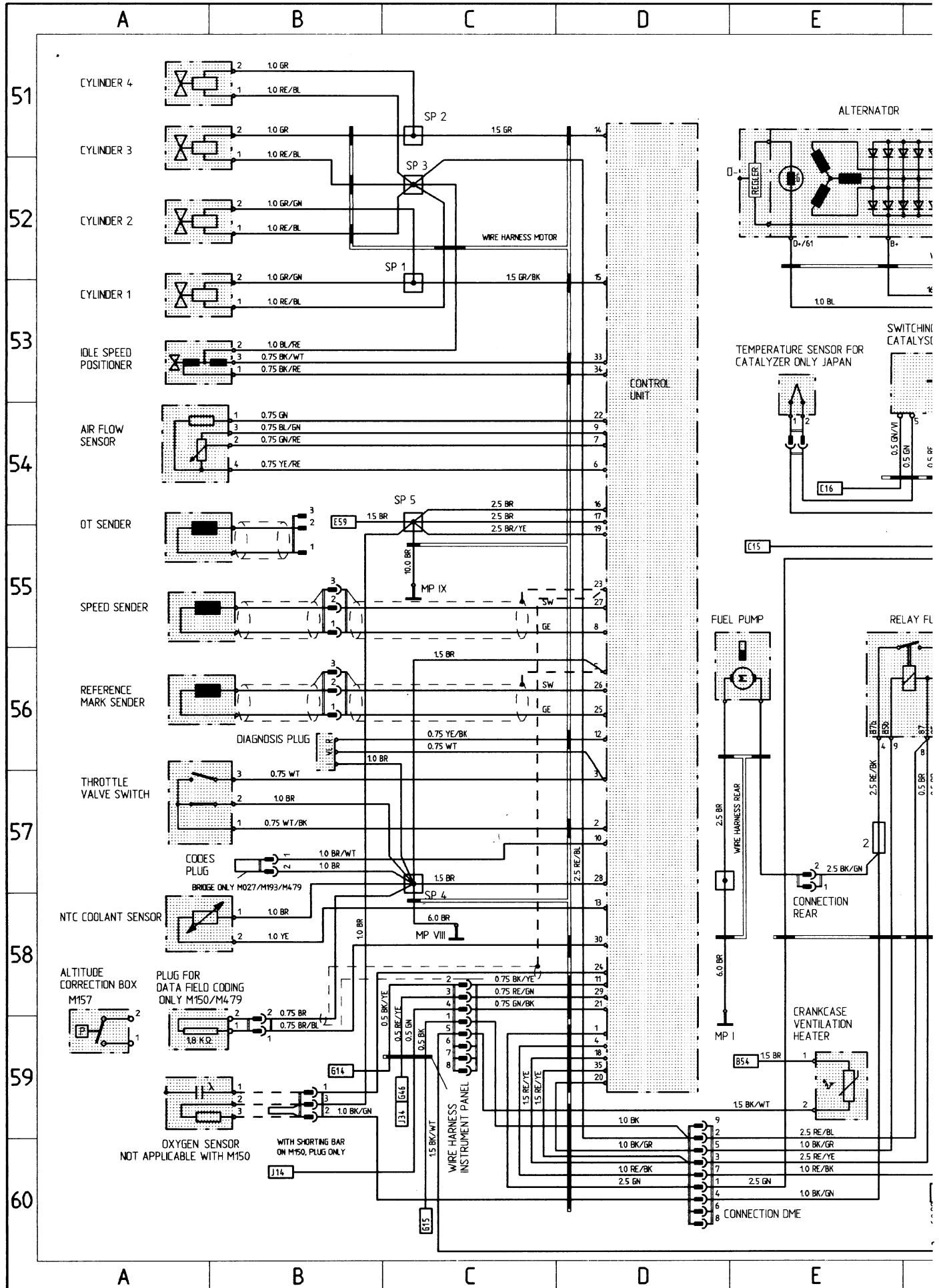
ENGINE COMPARTMENT, CRUISE CONTROL

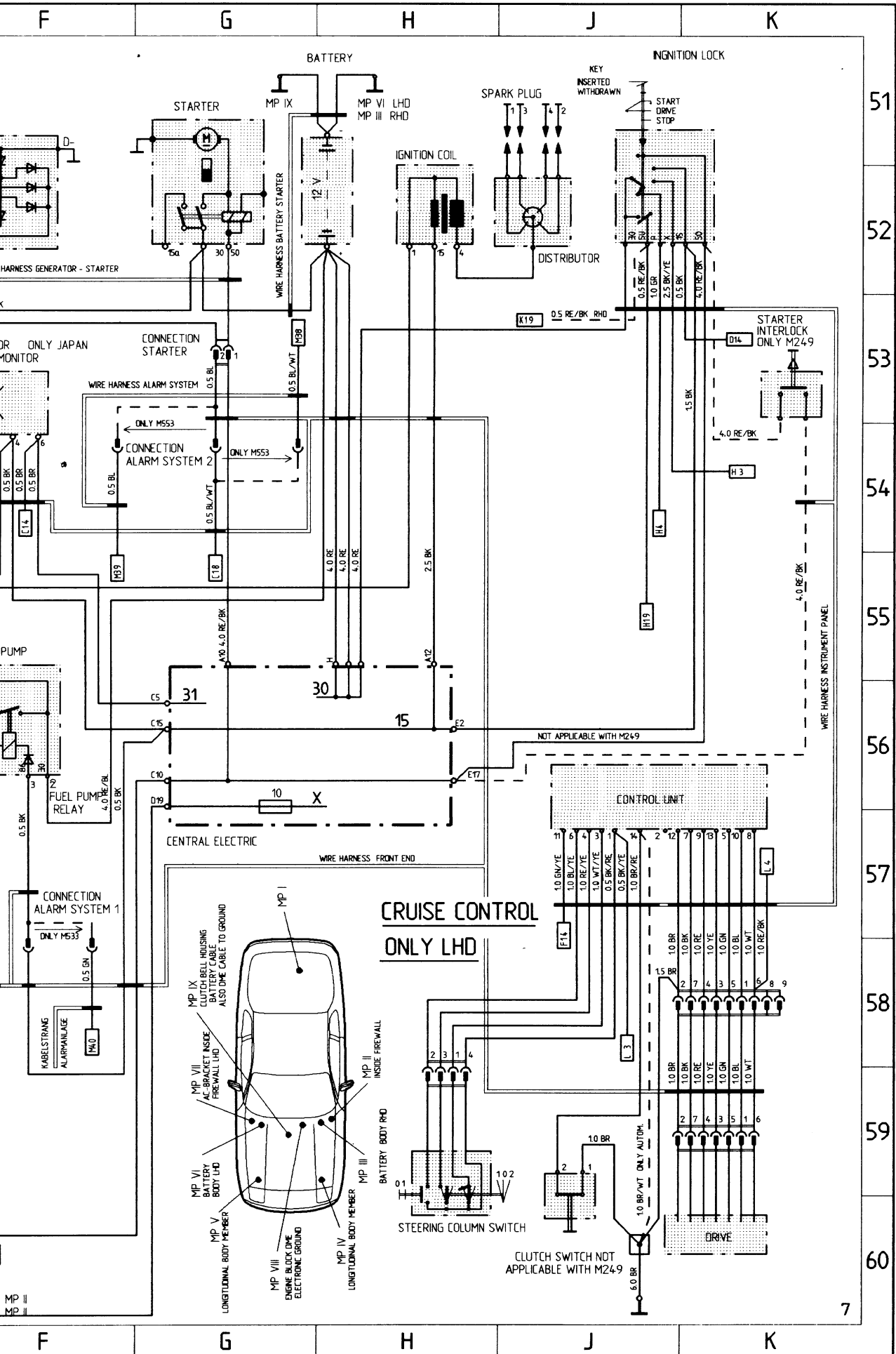
COORDINATES

51 - 60

# Wiring Diagram Type 924 S Model 88 page 7

ENGINE COMPARTMENT, CRUISE CONTROL





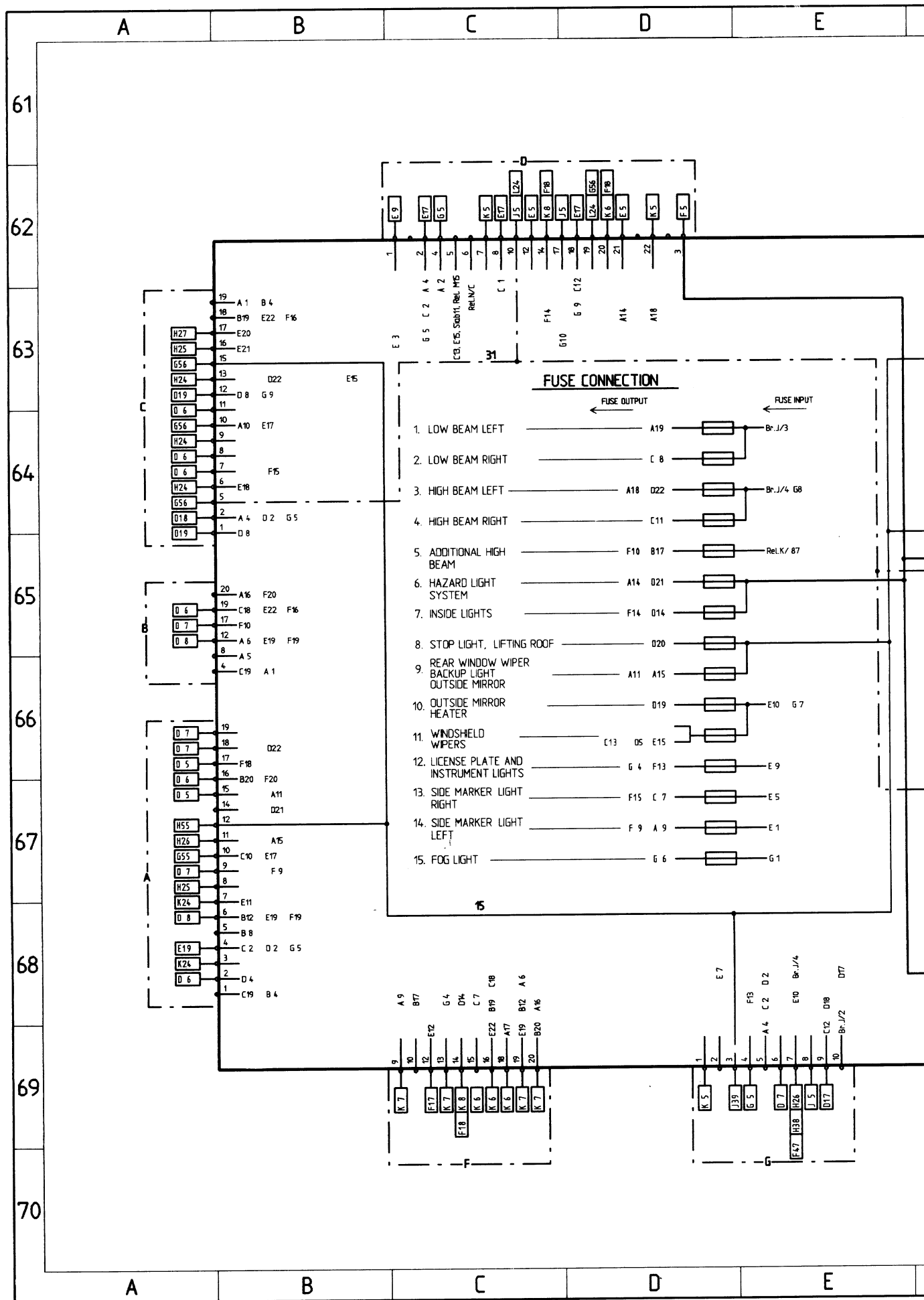
# Wiring Diagram Type 924 S Model 88 page 8

CENTRAL ELECTRIC

COORDINATES

61 - 70

CENTRAL ELECTRIC



F

G

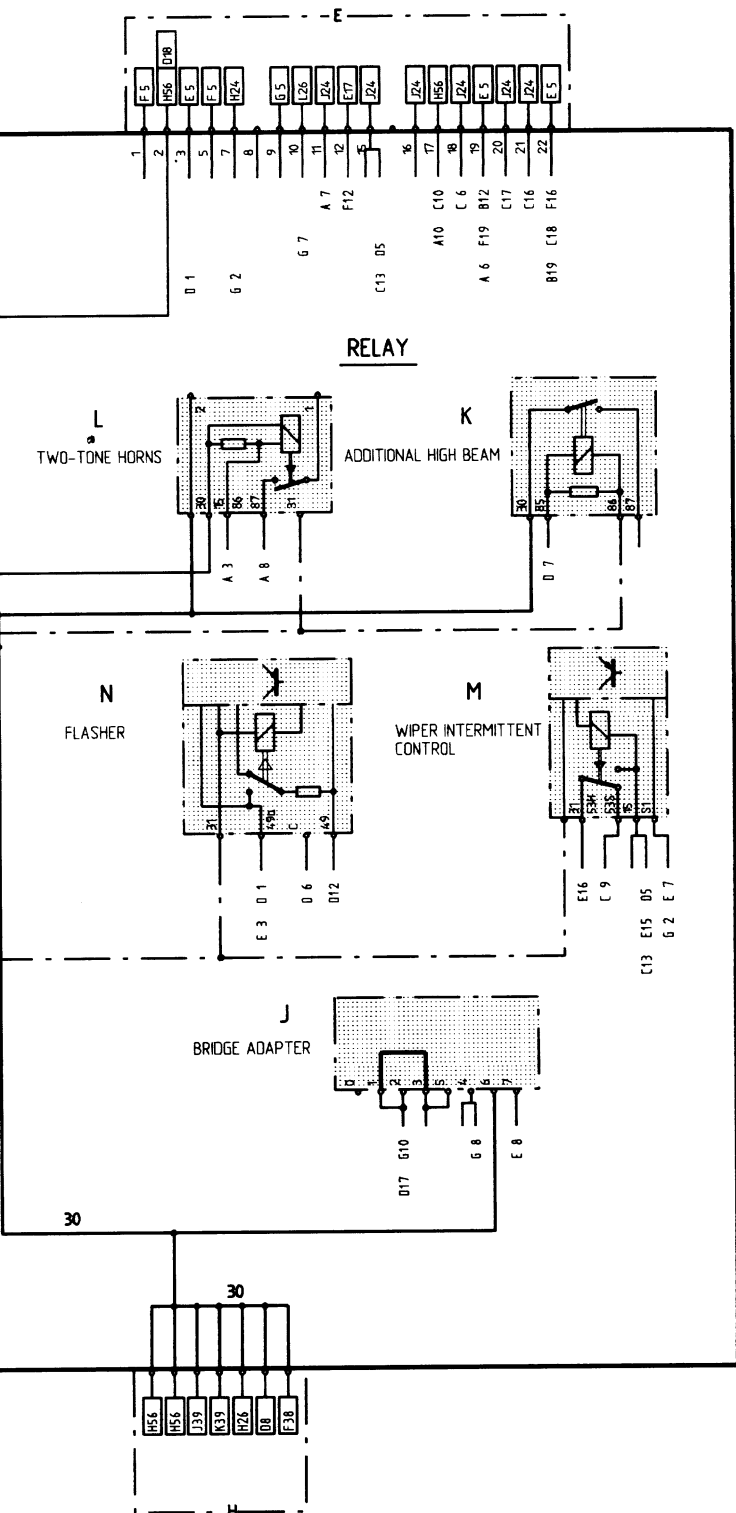
H

J

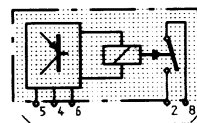
K

L

ADDITIONAL RELAY

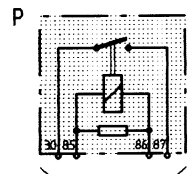


S HEADLIGHT CLEANER



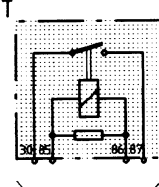
H29

P FRESH AIR BLOWER



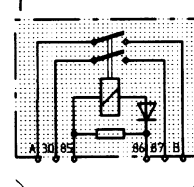
G21  
F29  
D42

T RADIATOR FAN



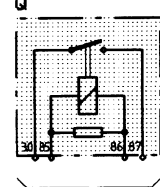
F29

RADIATOR FAN M573



B36  
F42

REAR WINDOW DEFOGGER

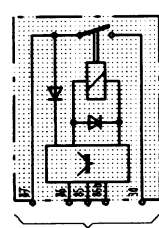


D29

CLIPPED ONTO HEATER BOX DRIVER'S SIDE

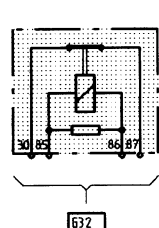
RELAY SOCKET REAR GLOVE BOX

POWER WINDOW REGULATOR



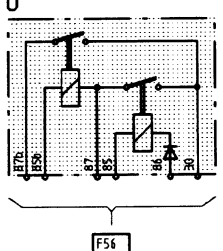
N32

BLOWER CUTOUT RELAY ONLY LHD



G32

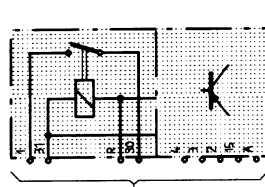
FUEL PUMP



F56

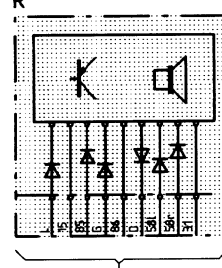
SECURED TO HEATER SUPPORT INSTRUMENT PANEL, DRIVER'S SIDE FOOTWELL

LIFTING ROOF



K17

GONG RELAY



P14

RELAY PU CLIPPED TO CENTRAL ELECTRICS

F

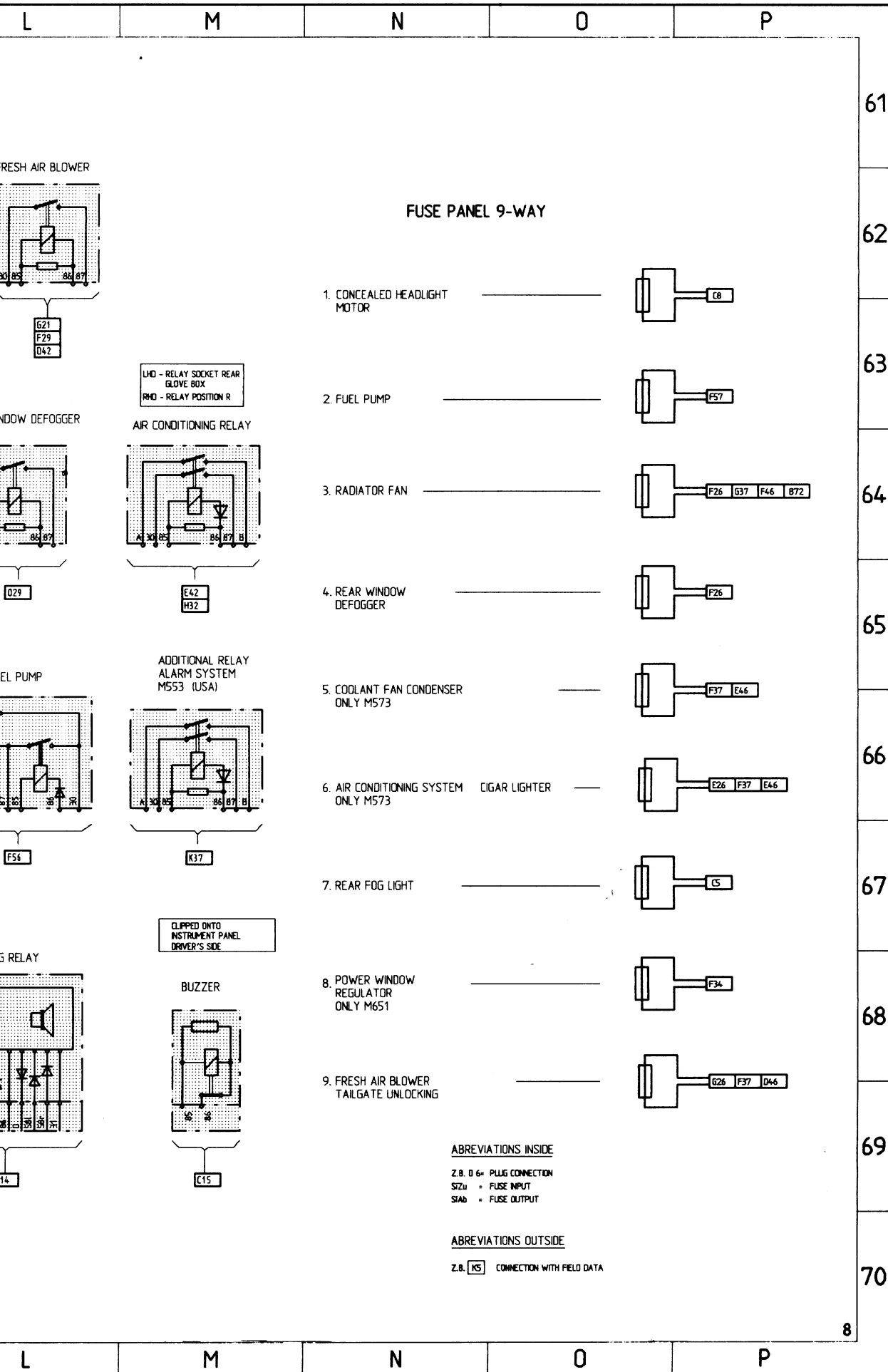
G

H

J

K

L



# Wiring Diagram Type 924 S Model 88 page 9

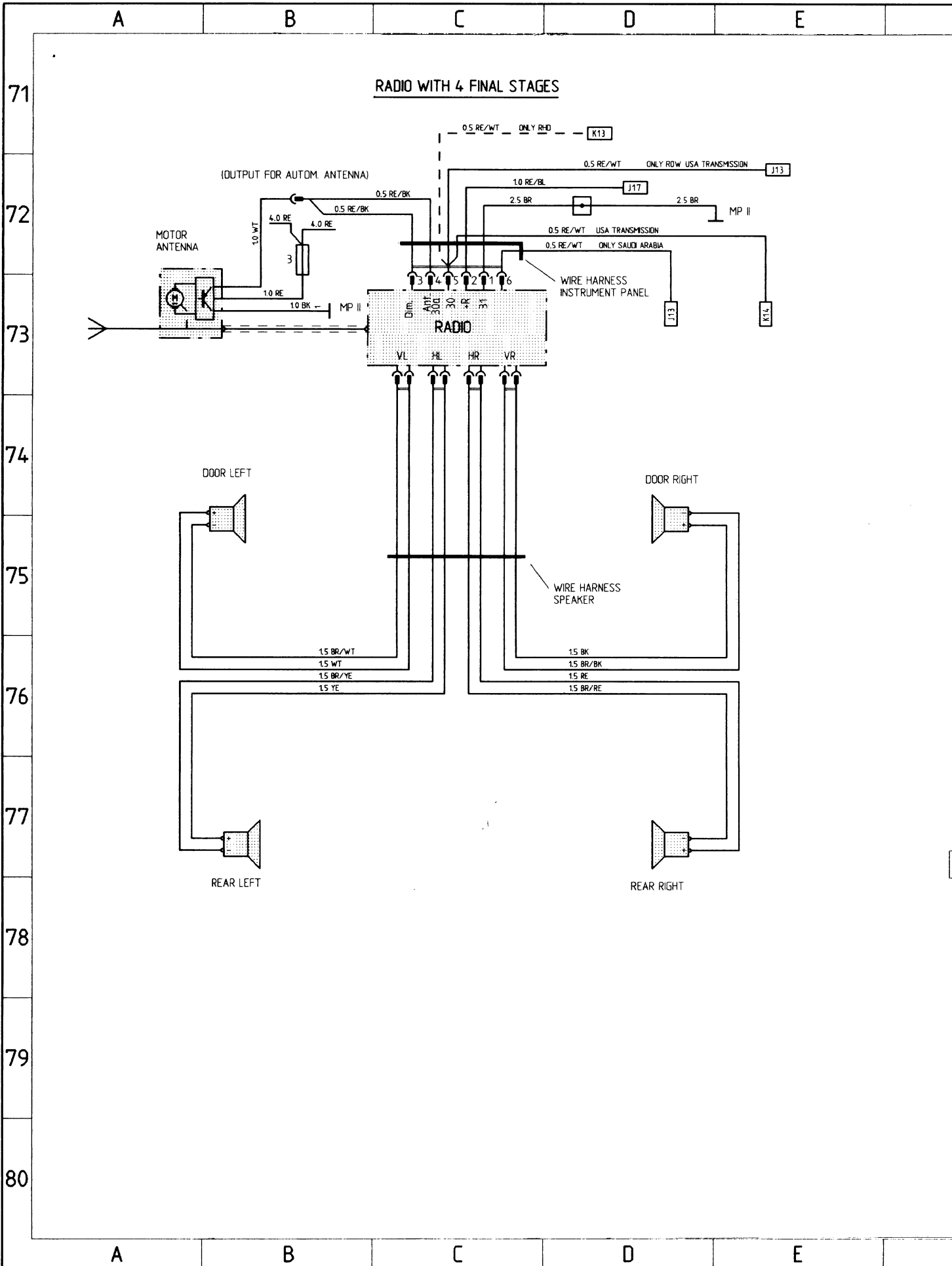
RADIO  
COORDINATES

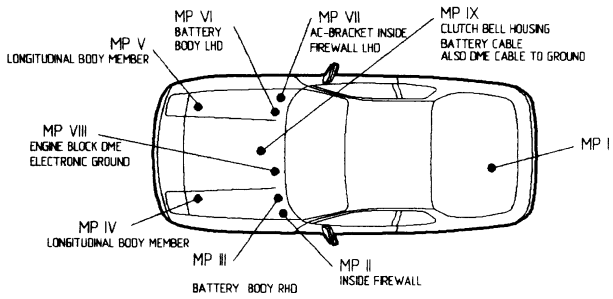
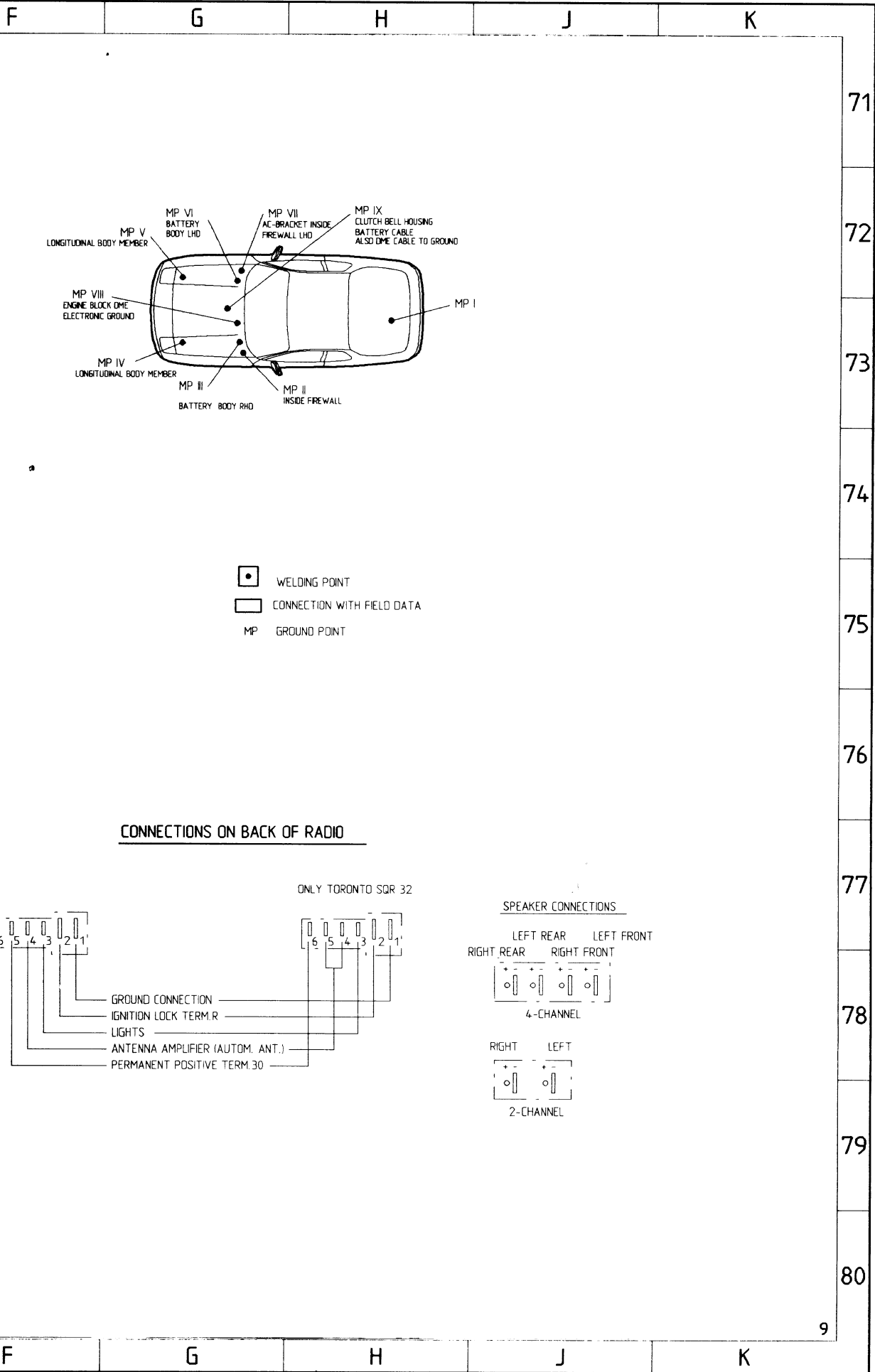
71-80



# Wiring Diagram Type 924 S Model 88 page 9

## RADIO

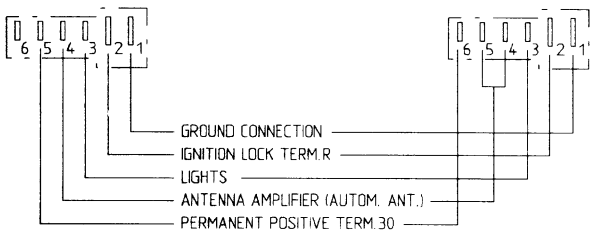




- WELDING POINT
- CONNECTION WITH FIELD DATA
- MP GROUND POINT

CONNECTIONS ON BACK OF RADIO

ONLY TORONTO SQR 32



SPEAKER CONNECTIONS

