Workshop Manual

9]] Camera 4

The workshop manual is only for the internal use of the Porsche Dealer Organization.

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Aktiengesellschaft

Technical Service Department

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WKD 482520

List of Repair Groups Carrera 4

General	Technical Data	Page 0.1
Repair Groups		Group
Volume 1 Engine, Maintenance	Maintenance, Self-diagnosis Engine, Crankcase, Suspension Engine, Crankshaft, Pistons Engine, Cylinder Head and Valve Drive Engine, Lubrication Engine, Cooling Fuel Supply Fuel System, Electronic Injection Exhaust System/Emission Controls Starter, Power Supply, Cruise Control Ignition System Diagnosis	03 10 13 15 17 19 20 24 26 27 28
Volume II Transmission (manual)	Clutch, Controls Clutch Manual Transmission, Controls, Case Manual Transmission, Gears, Shafts Differential, Transaxle System, All-Wheel Drive Diagnosis	30 32 34 35 39
Volume III Transmission (automatic)	Clutch, Controls Torque Converter Automatic Transmission, Controls, Case Automatic Transmission, Gears, Shafts Differential, Transaxle System Diagnosis	30 32 37 38 39
Volume IV Chassis	Front Wheel Suspension Rear Wheel Suspension, Axle Shaft Wheels, Tires, Alignment Antiblock System Brakes, Mechanical Brakes, Hydraulics, Regulator, Booster Steering Diagnosis	40 42 44 45 46 47 48
Volume VI Body	Body-Front Section Body-Center Section Body-Rear Section Lids Doors Electric Sunroof Hardtop Bumpers Glasses, Window Control Exterior Equipment Interior Equipment Seats Seat Covers	50 51 53 55 57 60 61 63 64 66 68 72
Volume VI Heating, Ventilation, Air Condition Electrics	Heater Ventilation Air Conditioner Diagnosis Instruments, Fuel Gauge, Alarm System Radio, Telephone, On-board-computer Windshield Wipers and Washer Exterior Lights, Lamps, Switches Interior Lights Diagnosis	80 85 87 90 91 92 94 96
Volume VII	Wiring	97
Electrics Wiring Diagrams		

Printed in Germany, 1988

The workshop manual of the Carrera 4 also includes that for the Carrera 2.

The Carrera 4 acts as the basis for description of the repairs in the manual.

"Carrera 4" also appears on every page in the header line.

Deviating descriptions for repairs on the Carrera 2 follow those of the Carrera 4. These repair descriptions for both models are separated by a yellow sheet.

"Carrera 2" appears on all pages in the header line after the separating sheet. The page number starts with 100 as an additional distinction.

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Additional electrical equipment

Note

Additional electrical equipment must be connected only to the connection possibilities described below.

Terminal 30 not fused:

- 1. Screw terminals at feeder to central electrics
- 2. Connector A 11

Terminal X not fused: Connector A 14

Terminal 15 not fused: Connector A 22

Terminal 31

- 1. Connector A 23
- 2. Ground points VI
- 3. Ground point VII

Fusing possibilities

Note

Additional electrical equipment must be fused if the above connection possibilities can be used.

1. Fuse 26:

Incoming connector D 11

Outgoing connector C 45

2. Fuse 29:

Incoming connectors C 35 and D 15

Outgoing connector D 23

3. Separate fuses

Wiring

Repairing wiring harness No. 2 and No. 3

Note

As of MY '93, the combination wires for ABS and BVA (brake pad wear monitor) are incorporated into the wiring harness. When repairing damaged wiring, the integral wirings may be cut off and replaced with repair wires.

Wiring harness No. 2 (passenger compartment) is already provided with the left and right rear wires.

Wiring harness No. 3 (trunk floor panel) includes the left and right front wires.

Run the following functional checks after the repair:

- ABS: Check with ABS tester.
- BVA (brake pad wear monitor): The warning lamp must go off when the engine is running and if the pads are o.k.

Connector joints

Rear

In the right-hand and left-hand seat well, before the wires branch off to the outside.

Front

In the right-hand and left-hand luggage compartment above the side member near the spring strut domes.

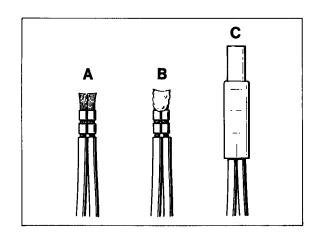
Rear

- 1. Disconnect battery.
- 2. Fold emergency seat backrests forward.
- Remove rear wall trim.
- 4. Use adhesive tape to locate insulating padding out of the way.

Note

Unscrew convertible top motors (4 screws) on Cabriolet models.

- Cut open insulating tube for wiring harness, starting at the rubber grommets and continuing for approx. 20 cm to the right.
- 6. Remove PVC insulating tape.
- Remove shrink-fit caps from connector joints.
- 8. Cut off connectors.
- 9. Remove combination wires.
- 10. Fit repair wires, starting at wheel carriers and routing them towards the seat well.
- 11. Strip wire along a length of 10 mm.
- 12. Connect wires according to table using crimp connectors and standard crimping tool (A).



1316 - 97

Combination wire

Wiring harn, No. 2

Combinat	ion wife	Willing Harri. 140.	
Color	Length	Color	
		rear left	
br/sw	30 mm	br/sw	
br/gn	60 mm	br/gn	
br/ws	90 mm	ws*	
br/bl	120 mm	Screen	
br	150 mm	br	
		rear right	
br/sw	30 mm	br/sw	
br/gn	60 mm	br/gn	
br/ws	90 mm	ge*	
br/bi	120 mm	Screen	
br	150 mm	br	
		l	

* screened wires

br - brown

sw - black

ge - yellow

bl - blue

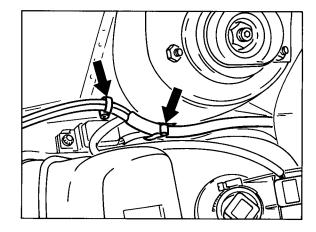
ws - white

gn - green

- 13. Solder tips after crimping (B).
- 14. Fit shrink-fit caps and shrink them using a hot-air gun (C).
- 15. Wrap up entire connector joint area using commercially available PVC tape.

Front right

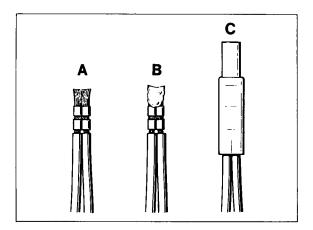
- 1. Disconnect battery.
- 2. Remove RH front wheel
- 3. Remove rear wheel housing liner.
- 4. Slacken tie-wrap in wheel housing area.
- 5. Slacken tie-wrap in luggage compartment.



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- Cut open insulating tube along wiring harness.
- 7. Remove PVC insulating tape.
- Remove shrink-fit caps from connector joints.
- 9. Cut off connectors.
- 10. Remove combination wiring.
- 11. Fit repair wiring.
- 12. Strip wires along a length of 10 mm.

 Connect wires according to table using crimp connectors and standard crimping tool (A).



1316 - 97

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rom	h	へっちょへ	~ WILL
CUIII	ип	IGUU	n wire

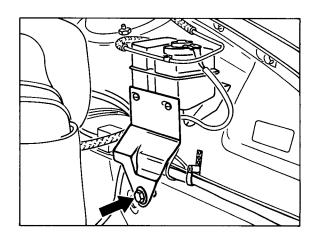
Wiring harn. No. 3

Color	Length	Color
		front right
br/sw	30 mm	br/sw
br/gn	60 mm	br/gn
br/ws	90 mm	gn*
br/bl	120 mm	Screen
br	150 mm	br

16. Wrap up entire connector joint area using commercially available PVC tape.

Front left

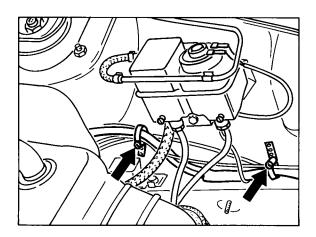
- 1. Disconnect battery.
- 2. Remove LH front wheel
- 3. Remove rear wheel housing liner.
- 4. Slacken tie-wrap in wheel housing area.
- 5. Remove bracket for brake fluid reservoir.



1373 - 97

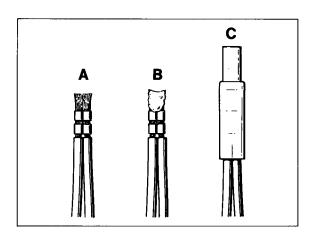
- * screened wire
 - br brown
 - sw black
 - bl blue
 - ws white
 - gn green
- 14. Solder tips after crimping (B).
- 15. Fit shrink-fit caps and shrink them using a hot-air gun (C).

6. Slacken tie-wrap in luggage compartment.



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- 7. Cut open insulating tube along wiring harness.
- 8. Remove PVC insulating tape.
- 9. Remove shrink caps from connector joints.
- 10. Cut off connectors.
- 11. Remove combination wire.
- 12. Fit repair wiring.
- 13. Strip wires along a length of 10 mm.
- Connect wires according to table, using crimp connectors and standard crimping tool (A).



1316 - 97

Com	binat	tion v	vire	
~~	Dilla		* II C	

Wiring harn. No. 3

Color	Length	Color	
		front left	
br/sw	30 mm	br/sw	
br/gn	60 mm	br/gn	
br/ws	90 mm	rt*	
br/bl	120 mm	Screen	
br	150 mm	br	

^{*} screened wire

br - brown

sw - black

rt - red

bl - blue

ws - white

gn - green

- 15. Solder tips after crimping (B).
- 16. Put shrink-fit caps into place and shrink them using a hot-air gun (C).
- 17. Wrap up entire connector joint area using commercially available PVC tape.

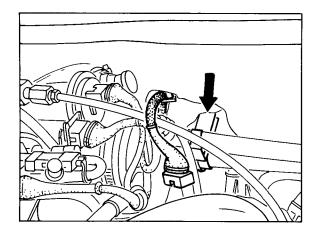
Repairing wiring harness No. 173 (DME wiring harness)

Replacing air flow sensor connector

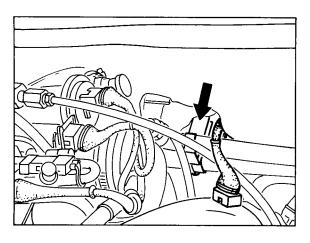
Situation: Rough engine running, e.g. poor throttle response, rough idling.

Note

Leave a gap of approx. 15 mm between the air flow sensor connector and the oil tank breather pipe. If the gap is too small or if the connector touches the breather pipe, check the breather pipe routing and correct it if required.



Speedster 1786-97

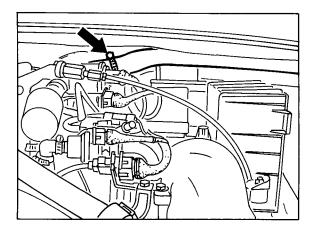


911 Carrera

1787-97

On the Speedster, the breather pipe bracket is located to the right of the air flow sensor wire while, on the 911 Carrera, it is located to the left.

- 1. Remove upper air filter section with filter element.
- Release oil tank brather hose from rubber shroud.



1788-97

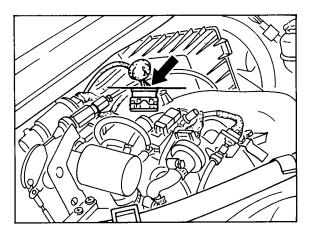
3. Pull connector off the air flow sensor. The connector is accessible from the right-hand side across the air filter.

- Pull out wiring harness complete with connector from between air flow sensor and idle speed positioner towards the rear.
- 5. Push back rubber sleeve.

Note

If the vehicle is fitted with a rubber sleeve with straight wire exit, fit angled rubber sleeve (wire exits towards left) from the repair kit.

6. Cut off wires close to the connector housing.



1789-97

- 7. Strip wires along a length of approx. 5 mm.
- 8. Crimp connector contacts from repair kit with a crimping tool, e.g. VAG 000.097.003 A.
- Connect wires to connector housing according to wiring diagram or the below table.
 - 1 blue/grey
 - 2 green/red
 - 3 blue/green
 - 4 green/black
 - 5 not used

Wiring Diagram Type 911 Carrera 4 Model 89

The wiring diagram consists of 11 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 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors 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".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1....5.

Part 5 ist a "coding element".

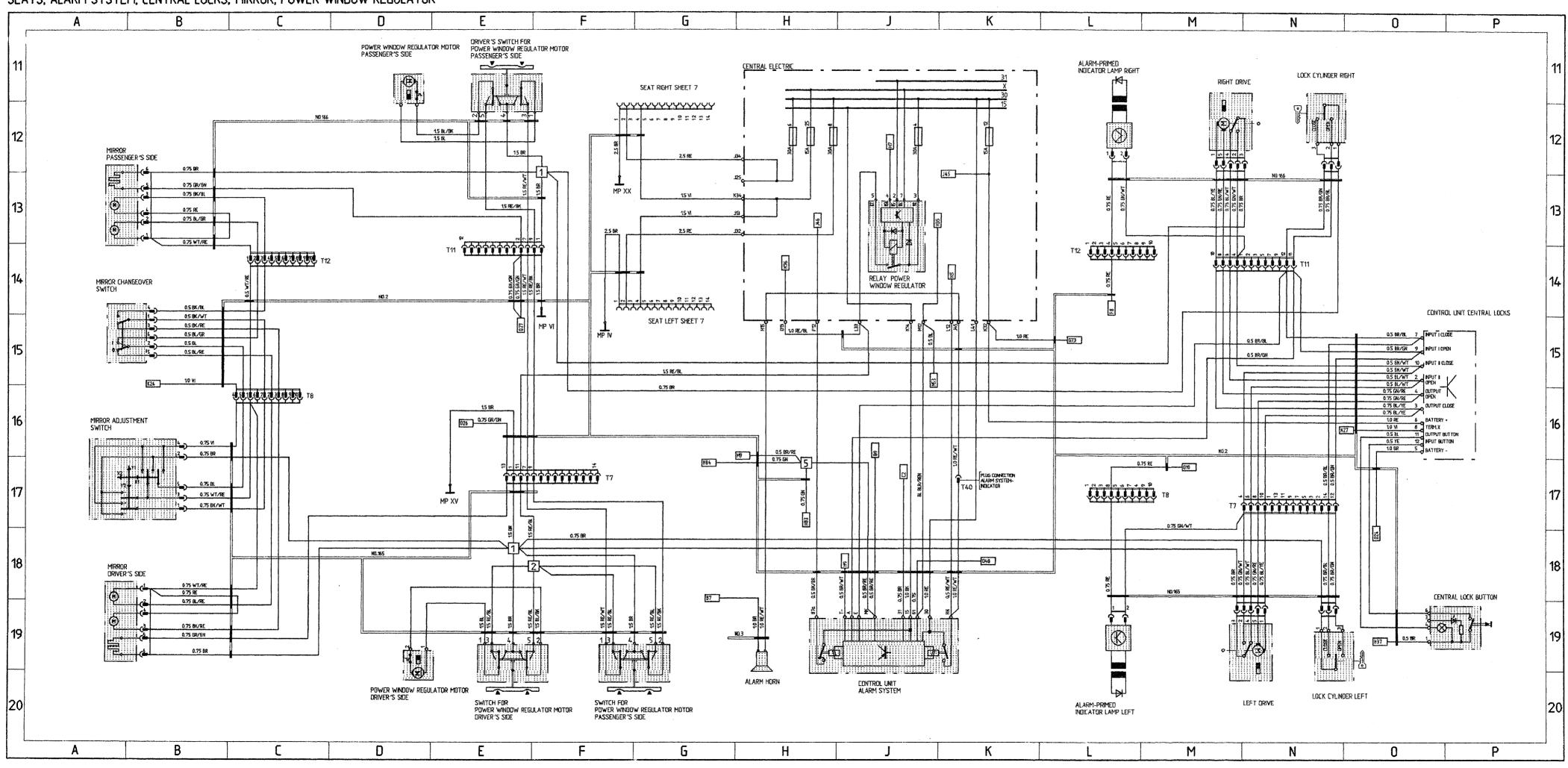
The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11......15, and to the first module element from B 21.....25.

Wiring Diagram Type 911Carrera 4 Model 89

	Coordinates	•
Sheet 1	1- 10	Lights
Sheet 2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator
Sheet 3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet 4	31 - 40	ABS, Porsche Dynamic AWD Control
Sheet 5	41 - 50	Motor, Ignition, Cruise Control
Sheet 6	51 - 60	Instruments, Sender, Central Informer
Sheet 7	61 - 70	Seats
Sheet 8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners
Sheet 9	81 - 90	Radio
Sheet 10	91 - 100	Fog Light, Rear Fog Light
Sheet 11		Central Electric
Sheet 12		Construction Components
Sheet 13		Plug Connections and Ground Points

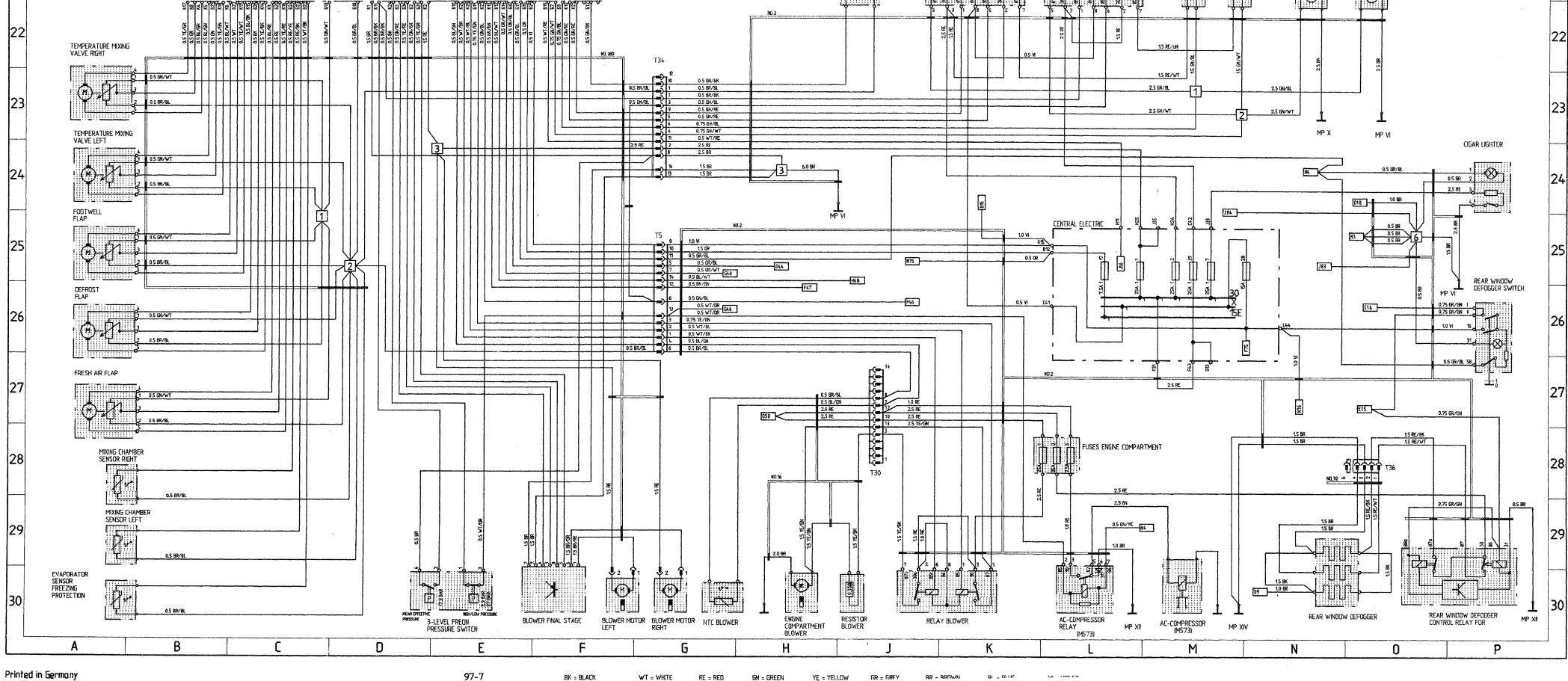
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97



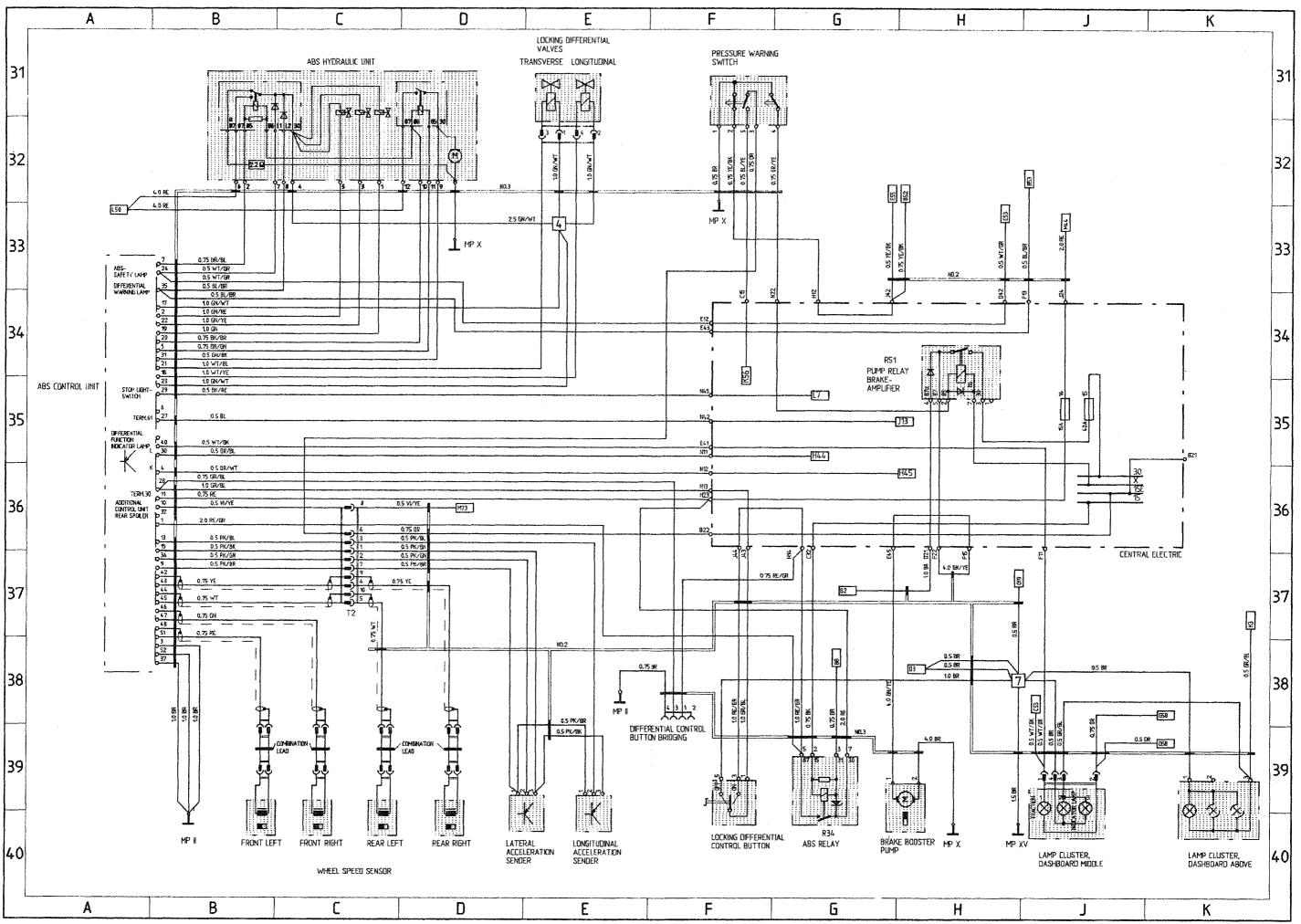
97-5

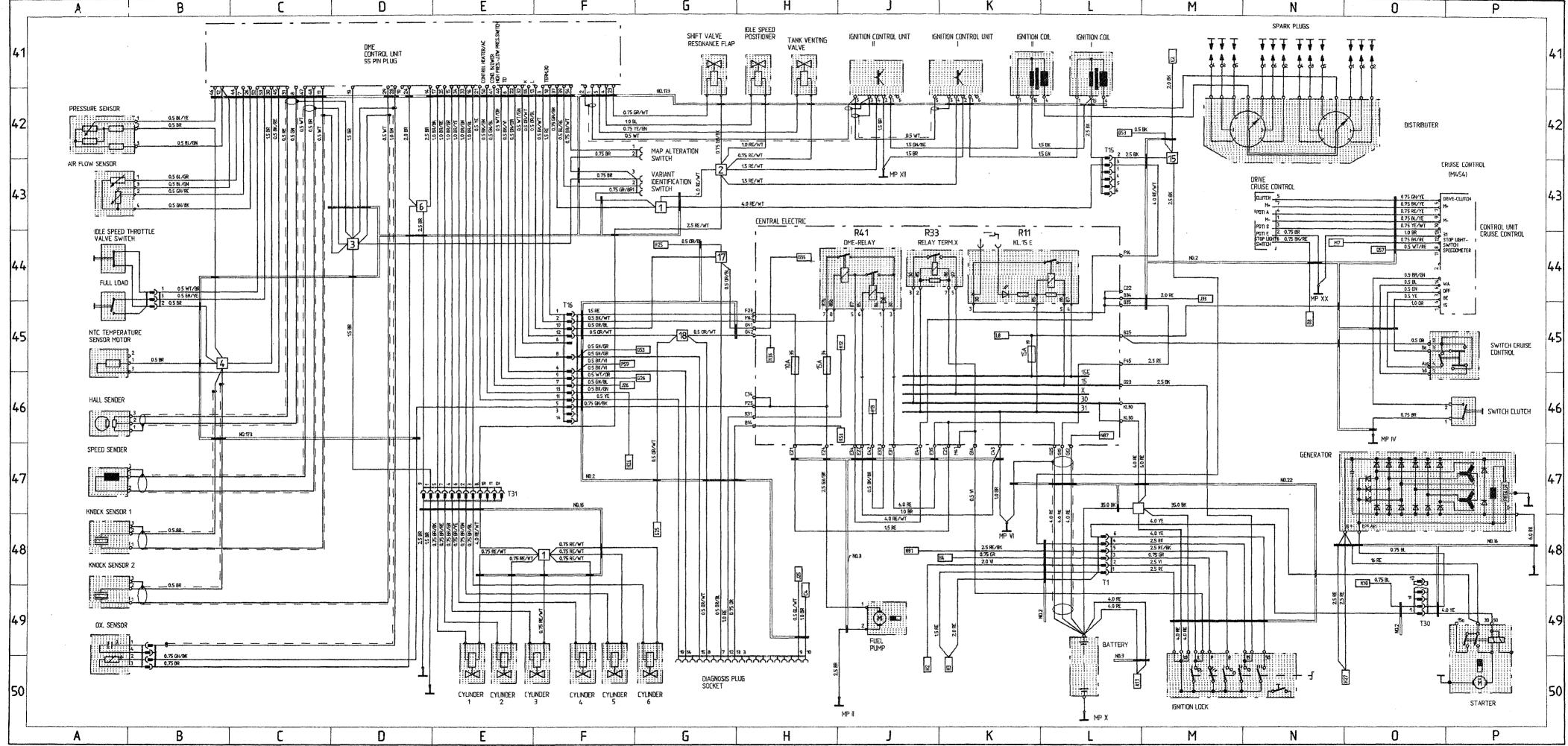
BK = BLACK



97

ABS, PORSCHE DYNAMIC AWD CONTROL





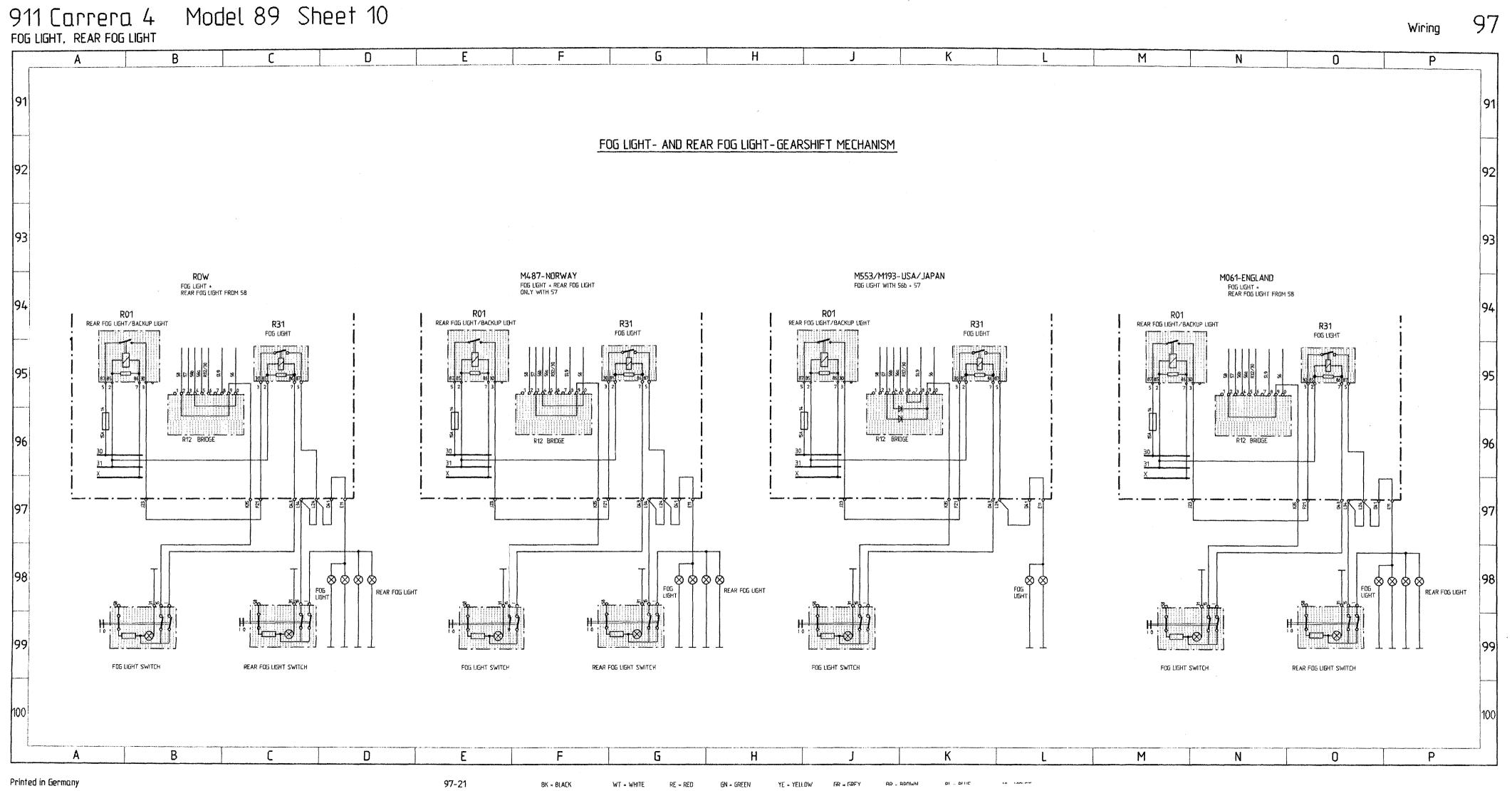
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Current Flow Diagram 97-13

97-13

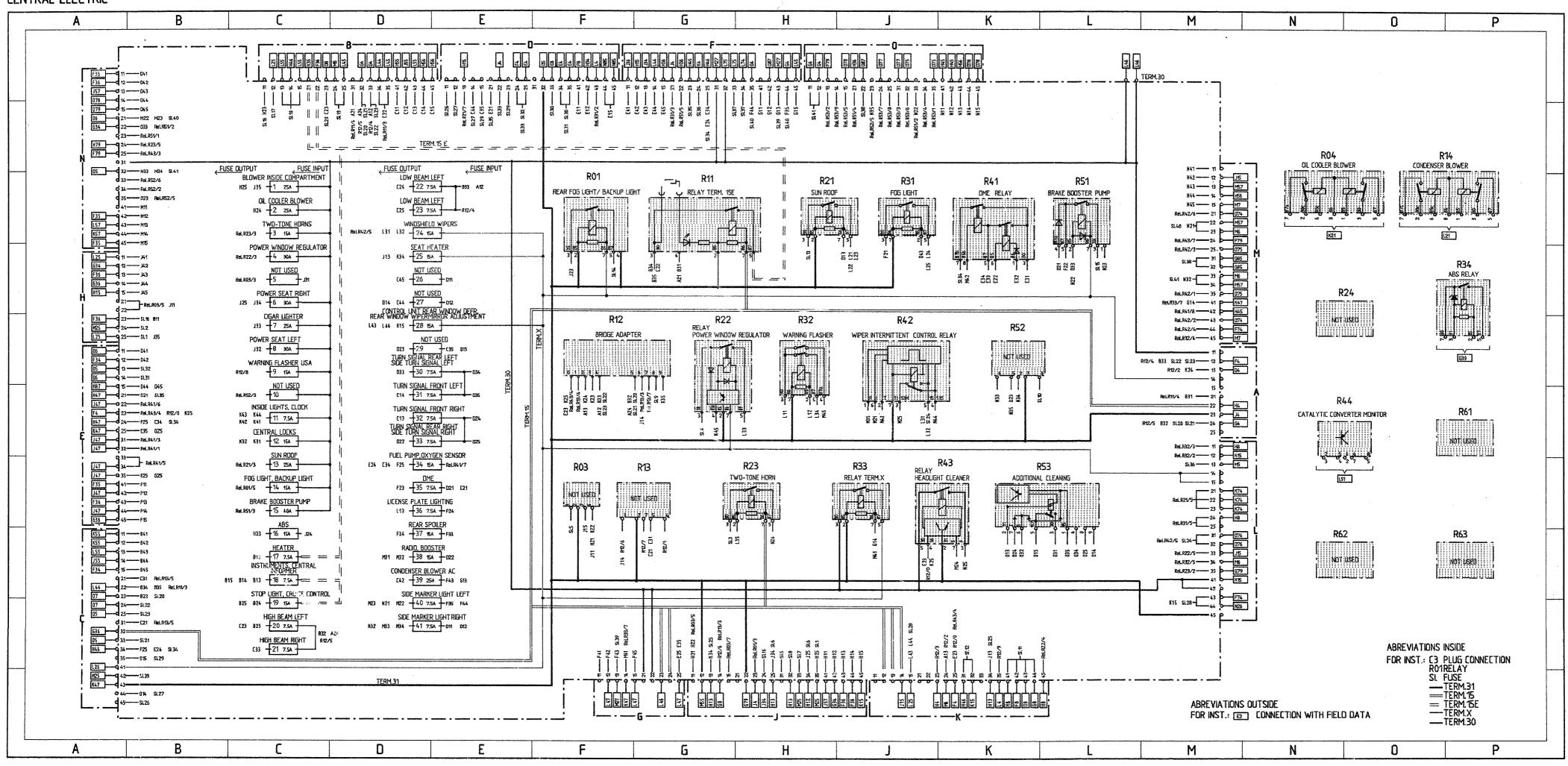
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Printed in Germany - IV, 1989

Current Flow Diagram 97-23

97



97-23

BK = BLACK

CONSTRUCTION COMPONENTS

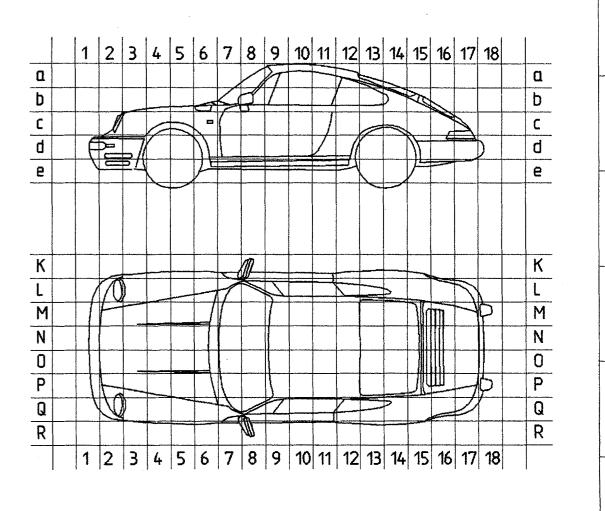
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A	В	C	D	E	F	G	Н	J	K	L	M	N	0	Р
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CONSTRUCTION COMPONENTS

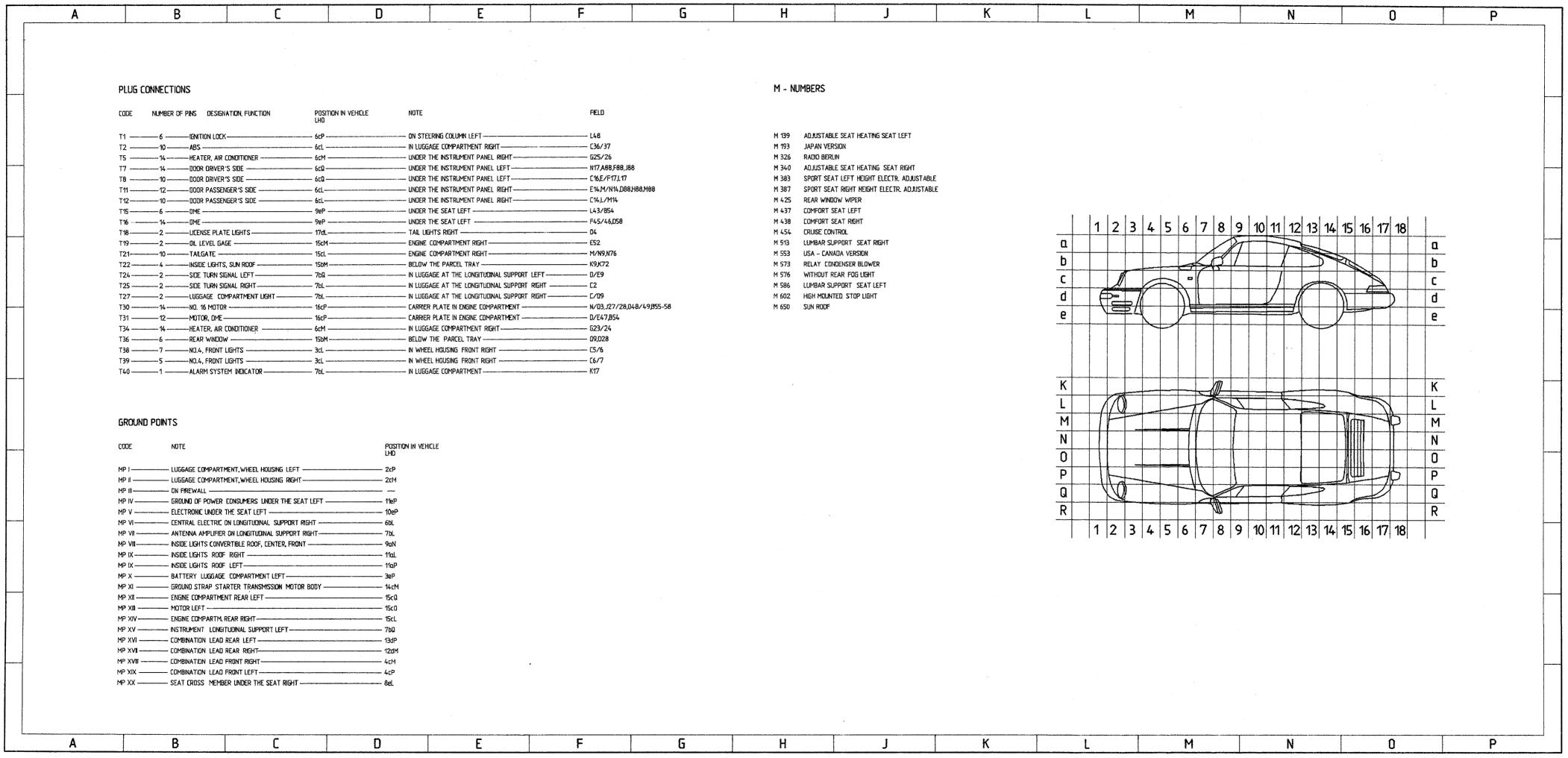
DESIGNATION, FUNCTION	Position in Vehicle	NOTE	FIELD IN WIRE DIAGRAM
	LHD		
ABS RELAY		CONTRACTOR CONTRACTOR	639/40
ALARM HORN			
Antenna amplifier	7bl	— IN LUGGAGE COMPARTMENT—————	
FLASHER	7dN	- IN CENTRE CONSOLE	D1
BOOSTER	9eM	- UNDER THE SEAT RIGHT	G 6 5
DIAGNOSIS PLUG SOCKET	7cL	- IN PASSENGER'S FOOTWELL -	G/H 5 0
DME RELAY	6cM	— CENTRAL ELECTRIC ————	J44
DME CONTROL UNIT	9eP	- UNDER THE SEAT LEFT	
SPEED SENDER	15cP	— ON ENGINE LEFT —————	A47
THROTTLE VALVE SWITCH	15bN	ON THROTTLE VALVE ASSEMBLY	A44/45
PRESSURE SENSOR ————————————————————————————————————	10eP	- UNDER THE SEAT LEFT	A42
PRESSURE WARNING SWITCH	1d0	- IN LUGGAGE COMPARTMENT	F31
PRESSURE SWITCH AIR CONDITIONING SYSTEM	6b0	IN LUGGAGE COMPARTMENT	E30
RECEIVER FOR RADIO BERLIN			
		IN WHEEL HOUSING FRONT RIGHT	
TWO-TONE HORN	3cl	- IN WHEEL HOUSING FRONT RIGHT	H80
FREQUENCY SWITCH FRONT LEFT	9dQ	- UNDER THE DOOR TRIM PANEL	E87
FREQUENCY SWITCH FRONT RIGHT			н87
BLOWER FINAL STAGE		- IN LUGGAGE COMPARTMENT	F30
BLOWER MOTOR RIGHT-			
BLOWER MOTOR LEFT		— IN LUGGAGE COMPARTMENT	F30
GONG RELAY			
	17c0		
SWITCH REAR SPOILER			M79
REAR WINDOW WIPER RELAY	15b0	ON REAR WINDOW WIPER MOTOR	F71
		IN LUGGAGE COMPARTMENT	
		ON GEARBOX	
MAP ALTERATION- SWITCH			
KNOCK SENSOR1 —			
		- ON ENGINE ABOVE	
CONDENSER BLOWER			
			J49
LOCKING DIFFERENTIAL VALVES, LONGITUDINAL			E31
		- ENGINE COMPARTMENT -	
MICRO SWITCH REAR SPOLIER EXTENDED	16bP	- ON TAILGATE	N79
MICRO SWITCH REAR SPOILER RETRACTED		- ON TAILGATE	N79
MOTOR SUN ROOF			
NTC HEATER FAN	16cP	ENGINE COMPARTMENT	G30
OIL PRESSURE SENDER	14cN	- ON ENGINE	A55/56
OIL PRESSURE SWITCH			
OIL COOLER BLOWER	2dL	- IN WHEEL HOUSING FRONT RIGHT	D21
OIL LEVEL GAGE			
OIL TEMPERATURE SENDER —			A54
BRAKE BOOSTER PUMP	1d0	IN LUGGAGE COMPARTMENT	H39/40
LOCKING DIFFERENTIAL VALVES, TRANSVERSE	3dM	IN LUGGAGE COMPARTMENT	E31

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	position in Vehicle	NDTE	field in Wire Diag	
	LHD			
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30	
		CENTRAL ELECTRIC		
RELAY AC COMPRESSOR	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	- L30	
RELAY ALARM SYSTEM USA	6cM	— CENTRAL ELECTRIC ——————————	K/L7	
RELAY TWO-TONE HORN	6cM	— CENTRAL ELECTRIC ———————	G/H78	
RELAY POWER WINDOW REGULATOR	6cM	— CENTRAL ELECTRIC —	J13/14	
RELAY BLOWER	16cP	- CARRIER PLATE IN ENGINE COMPARTMENT	J/K30	
RELAY ADDITIONAL CLEANING FLUID PUMP	6cM	CENTRAL ELECTRIC	E75/76	
RELAY CATALYZER	6cM	CENTRAL ELECTRIC	L/M51	
RELAY TERM.X	6cM	— CENTRAL ELECTRIC ———————————	K44	
		CENTRAL ELECTRIC		
RELAY REAR FOG LIGHT-BACKUP LIGHT-	6cM	CENTRAL ELECTRIC	J/K7	
		CENTRAL ELECTRIC		
RELAY DIL COOLER BLOWER -	6cM	— CENTRAL ELECTRIC	K21	
RELAY BRAKE BOOSTER PUMP	6cM	CENTRAL ELECTRIC	H34/35	
		CENTRAL ELECTRIC		
		ON GEARBOX RIGHT		
SHIFT VALVE RESONANCE FLAP	15bN	ON ENGINE	- G41	
		- ON WINDSHIELD WASHER TANKIN WHEEL HOUSING FRONT LEFT-		
		CARRIER PLATE IN ENGINE COMPARTMENT		
		- ON WINDSHIELD WASHER TANKIN WHEEL HOUSING FRONT LEFT-		
		CENTRAL ELECTRIC		
		ON CLUTCH BELL HOUSING RIGHT		
DRIVE CRUISE CONTROL				
		— IN LUGGAGE COMPARTMENT	A33-38	
		— IN LUGGAGE COMPARTMENT		
		- IN LUGGAGE COMPARTMENT LEFT		
		- UNDER THE SEAT RIGHT		
		ON INTRUMENT PANEL		
		- UNDER THE SEAT RIGHT		
		— UNDER THE INSTRUMENT PANEL —		
RITTER CONTACT	7cP	— On Ignition Lock ————————————————————————————————————	- PS6	
		— IN FUEL TANK————————————————————————————————————		
		ON ENGINE ABOVE		
		ON ENGINE LEFT		
		- UNDER THE SEAT LEFT -		
PERISTOR BLOWER	16dP	- ENGINE COMPARTMENT	- J30	
		- IN WHEEL HOUSING FRONT LEFT		
		— IN WHEEL HOUSING FRONT RIGHT————————————————————————————————————		
		ON INTRUMENT PANEL		
MIDED INTERMITTENT CONTROL DELAY	6rM	CENTRAL ELECTRIC	- H75	
CENTRAL FLECTRIC	6rM	IN LUGGAGE COMPARTMENT		
		- ON STEERING COLUMNETT		
		- ENGINE COMPARTMENT LEFT-		
		- ENGINE COMPARTMENT LEFT		
		- ENGINE COMPARTMENT LEFT		
		ENGINE COMPARTMENT LEFT		
		— IN LUGGAGE COMPARTMENT		



PLUG CONNECTIONS AND GROUND POINTS



97 ADDITIONAL WIRE DIAGRAM TRAILER COUPLING В C D G Н K 101 SIDE MARKER-LIGHTS TURN SIGNALS 102 1.0 BK/GN 1.0 BK/GN TURN SIGNALS RIGHT GROUND 0.75 GR/RE 0.75 ER/RE 0.75 BR/RE SIDE MARKER-SIDE MARKER LIGHT 10 BK/RE STOP LIGHTS STOP LIGHTS 103 TAIL LIGHT ASSEMBLY NO. 2/60 BACKUP LAMP REAR FOG LIGHT 10 GR/BR 1.0 GR/BR 10 GR/BR BACKUP LAMP 10 WT/GN 1.0 WT/EN REAR FDG LIGHT GROUND REAR FOG LIGHT BACKUP LAMP TAIL LIGHT ASSEMBLY LEFT STOP LIGHTS 106 STOP LIGHTS 0.75 GR/BK SIDE MARKER-LIGHTS SIDE MARKER LIGHT GROUND 10 8K/WT 1,0 BK/WT TURN SIGNALS LEFT TURN SIGNALS 107 SIDE MARKER-REAR FOG LIGHT CUTDUT RELAY 108 109 FLASHER SEE 97-3 SOCKET FOR TRAILER COUPLING INDICATOR LIGHTS SEE 97-13 110 Α В D G Н K

Modifications in wiring diagram 911 Carrera 4 model 89

Sheet 3, K/L 28

The fuse for the engine compartment heating fan has been changed from 25 A to 30 A. Please exchange sheet 11.

Please modify the wiring diagram accordingly.

Wiring Diagram Type 911Carrera 2 and 4 Model 90

		Coordinates	
Sheet	1	1 - 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio
Sheet	10	91 - 100	Fog Light, Rear Fog Light
Sheet	11		Central Electric
Sheet	12		Construction Components
Sheet	13		Plug Connections, Ground Points, M-Numbers
Sheet	14	101 - 110	Trailer Coupling
Sheet	15	111 - 120	Rev-meter, On-board computer, Airbag
Sheet	16	121 - 130	Tiptronic (Carrera 2)

Wiring Diagram Type 911 Carrera 2 and 4 Model 90

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 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors 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".

The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1....5.

Part 5 ist a "coding element".

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

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97

BK = BLACK

= WHITE

RED GN = GF

YE = YELLOW

Y BR = BROWN

BL = BLUE

VI = VIOLET

PK = PINK

ORANGE

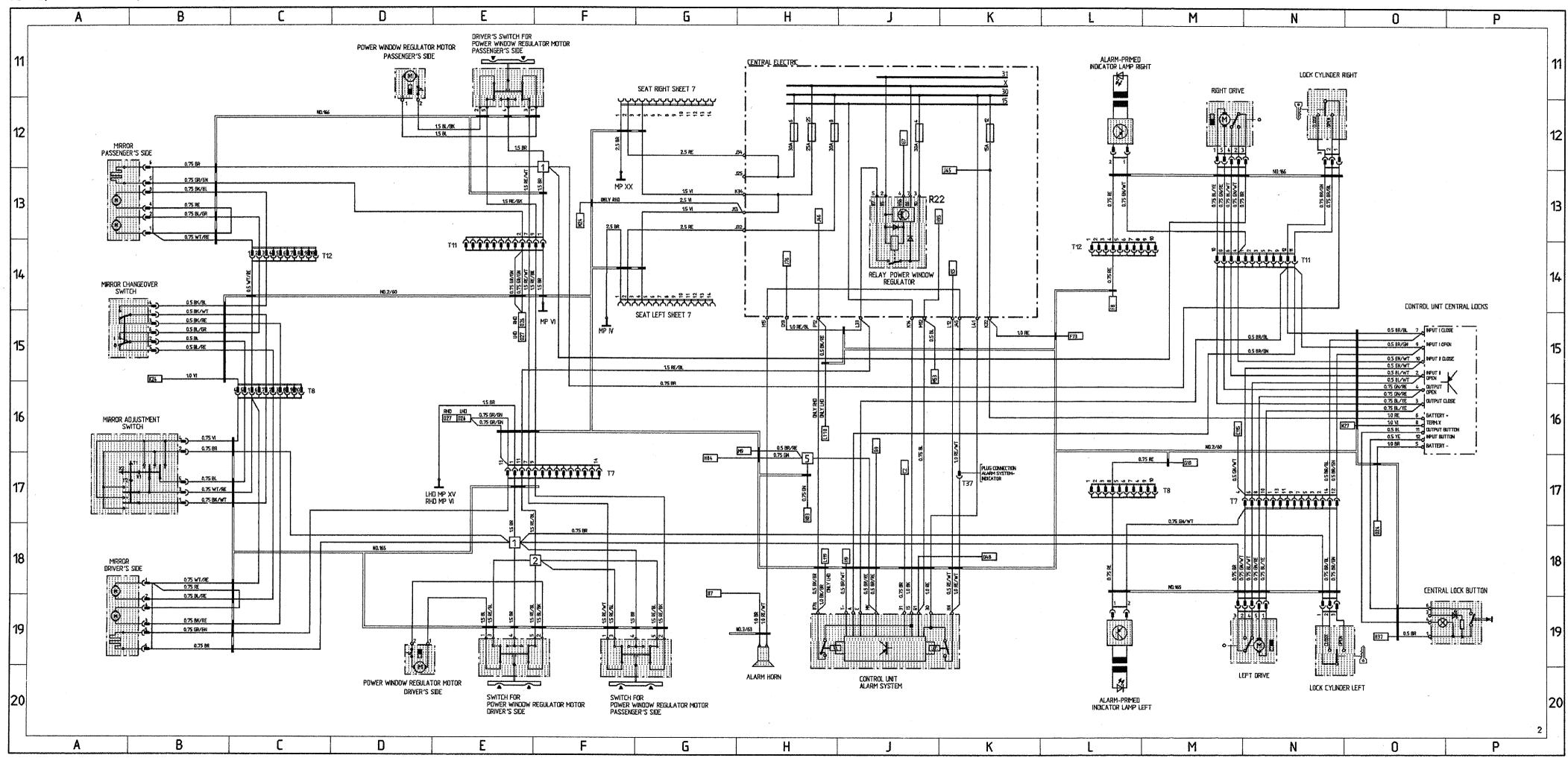
Wiring Diagram

97-37

Printed in Germany - IV, 1989

Wiring Diagram

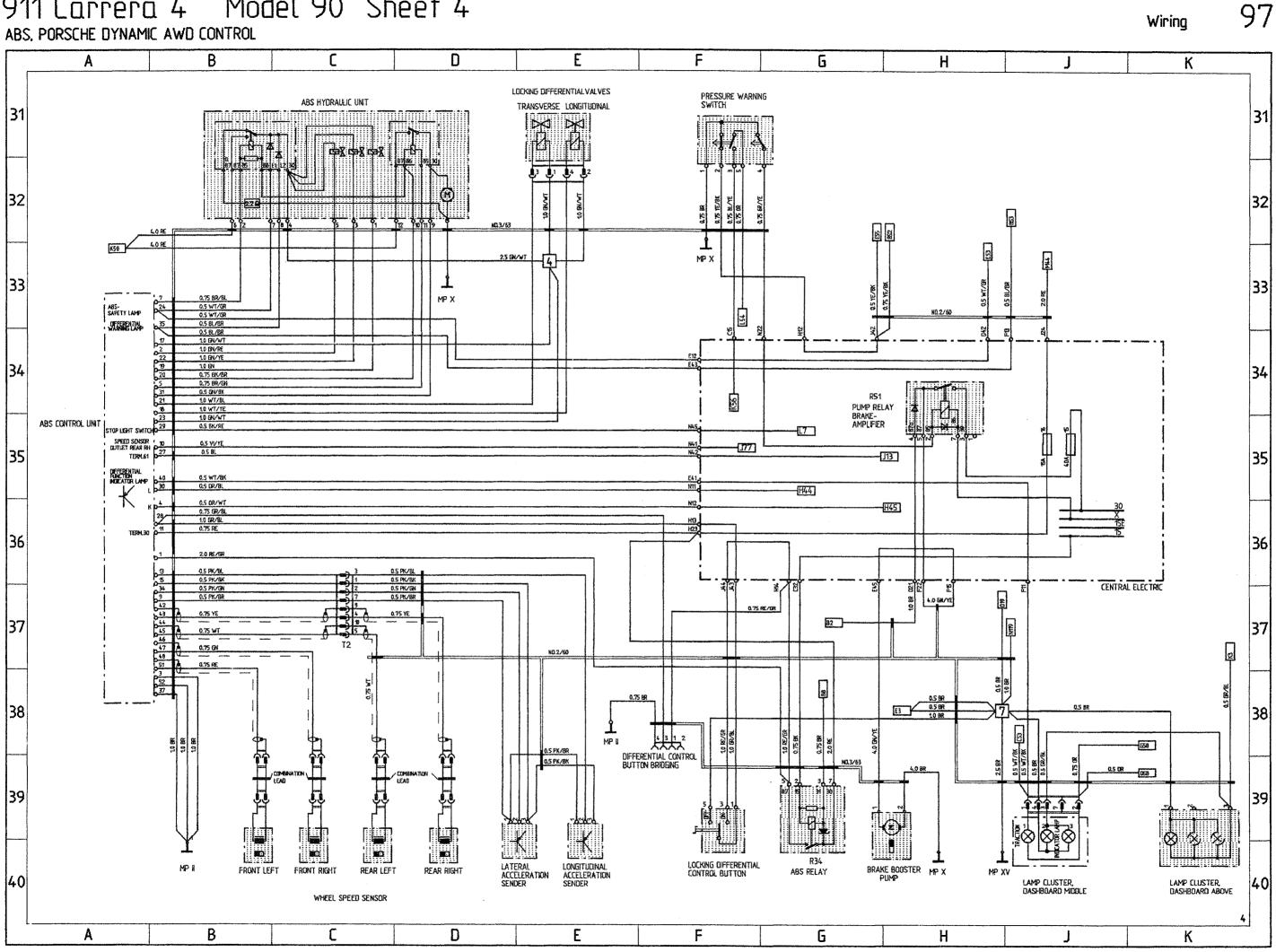
97



Wiring Diagram

97-39

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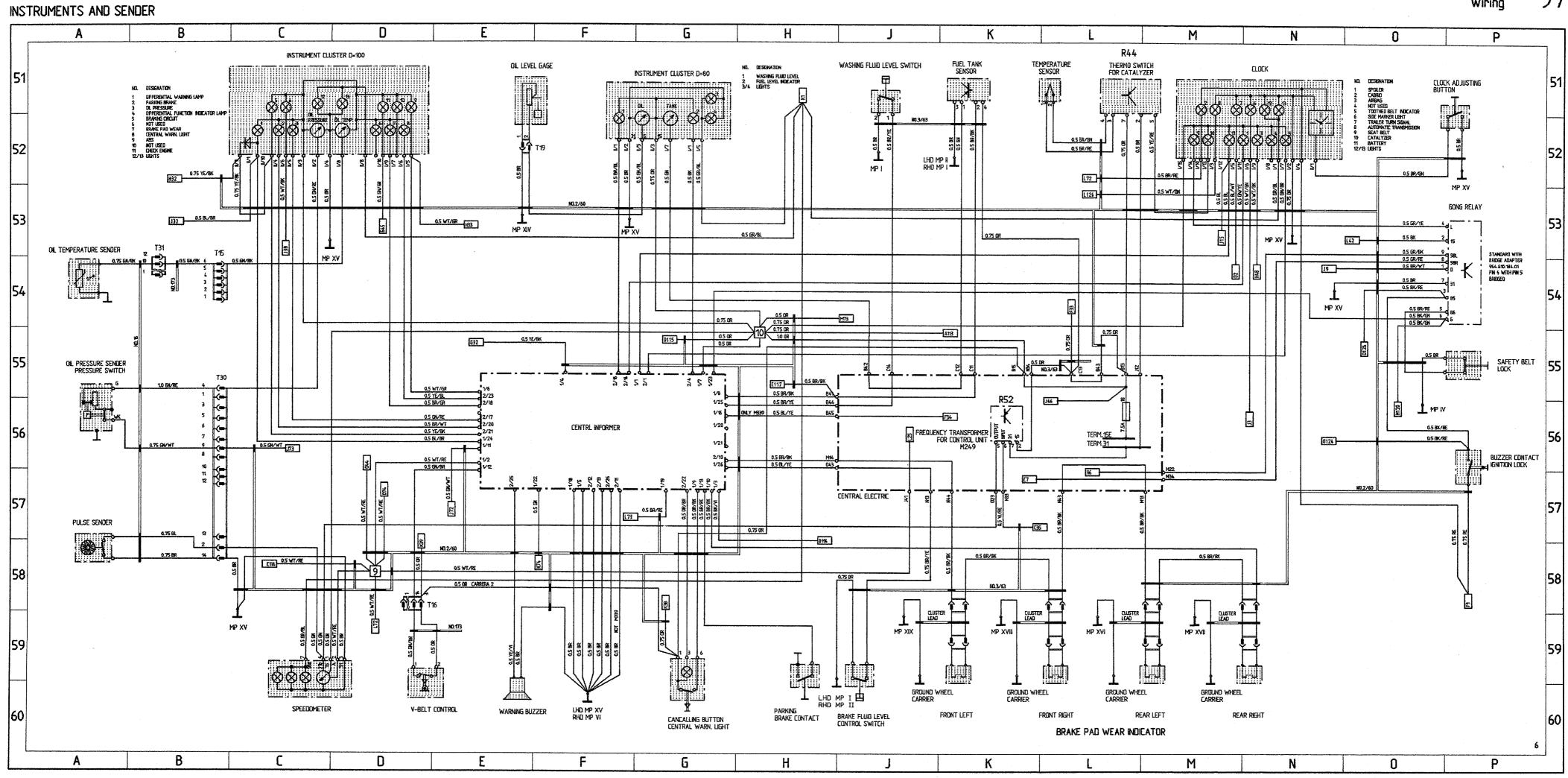


Wiring Diagram 97-45

97-45

Printed in Germany - IV, 1989

Wiring Diagram

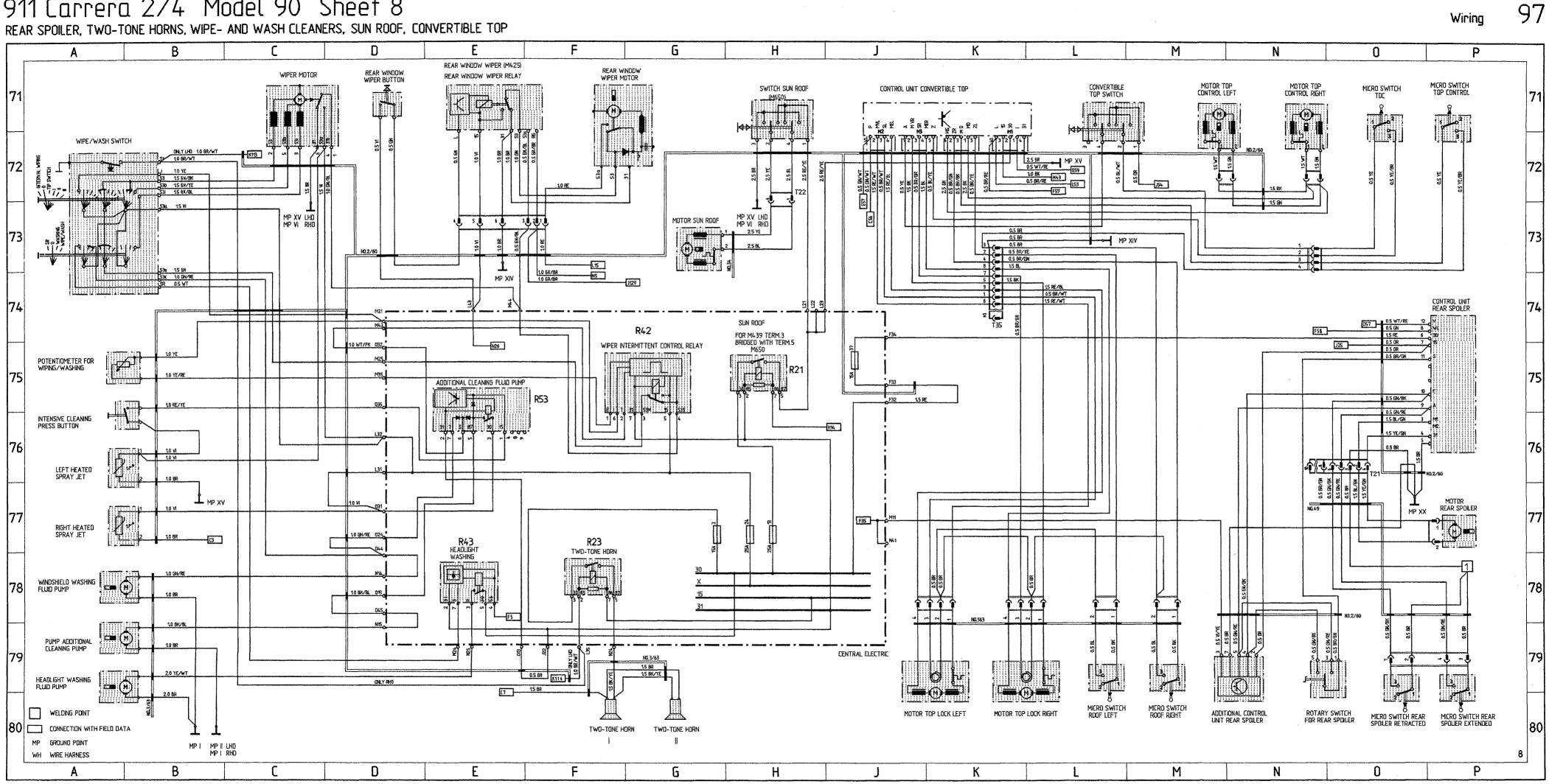


97-47

BK = BLACK

Printed in Germany - IV. 1989

Wirina Diaaram 97-51



97-57

BK = BLACK

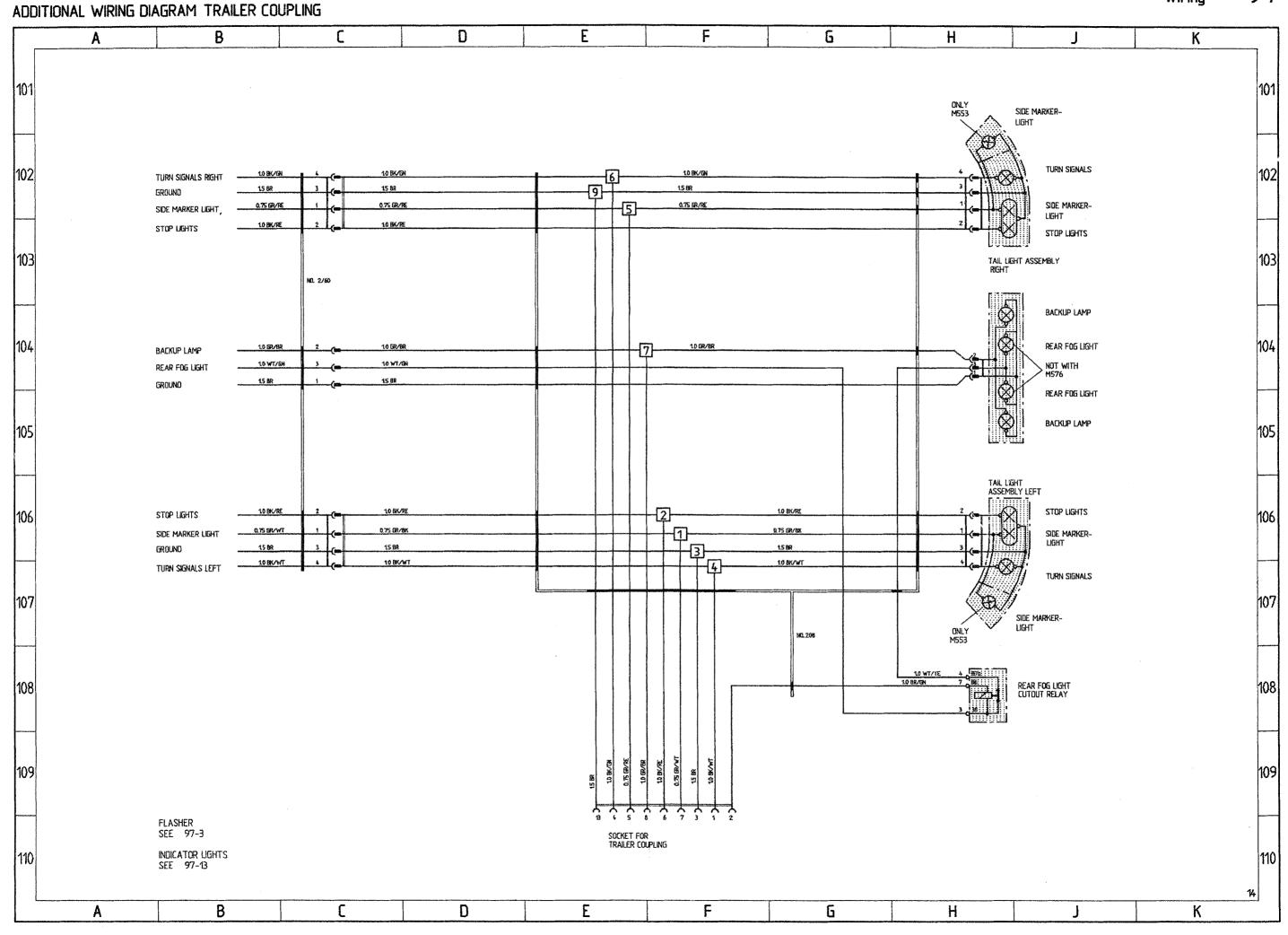
Wiring Diagram

97

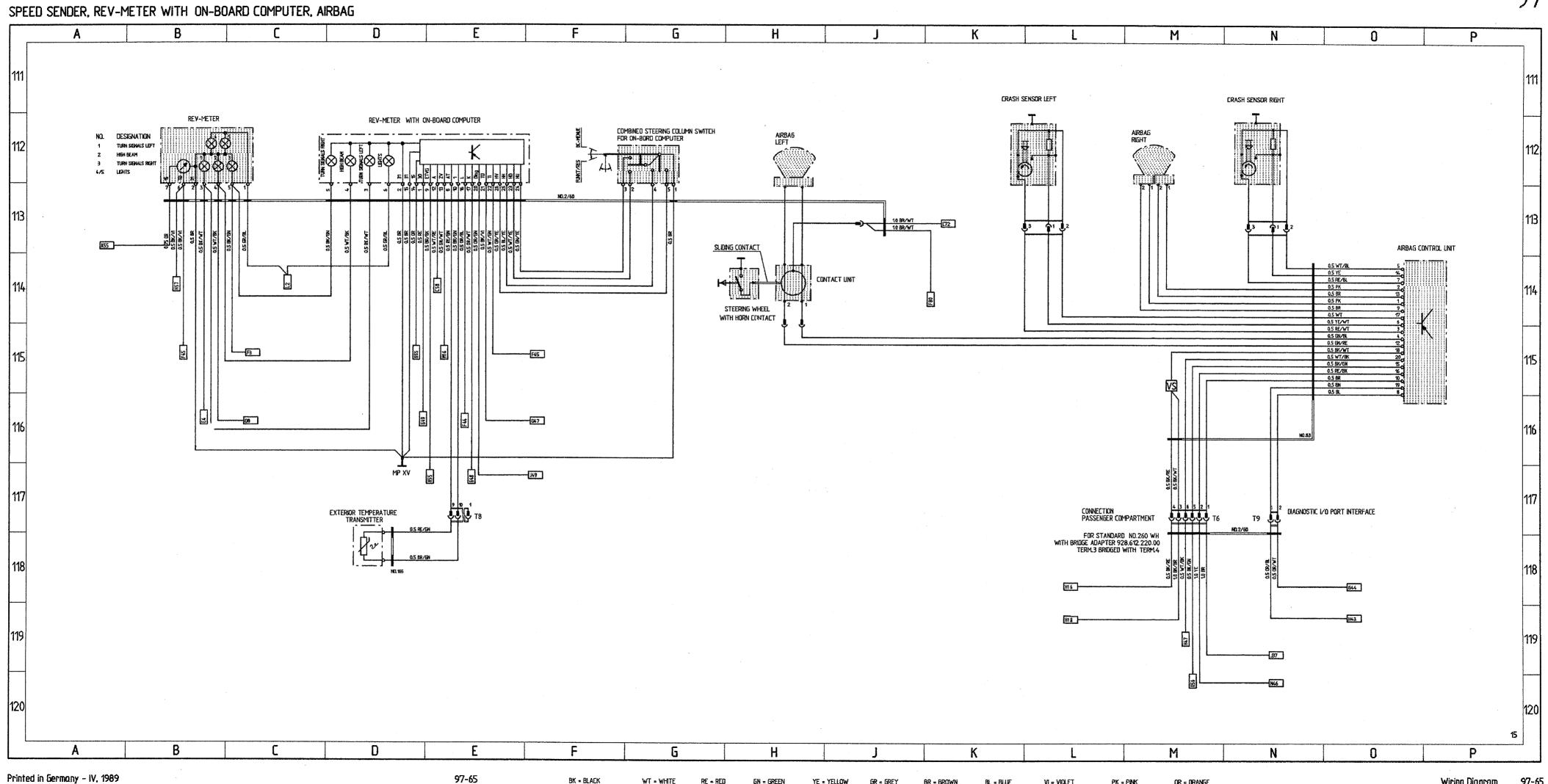
ONSTRUCTION COMPONENTS	POSITION IN		Construction components	CONSTRUCTION COMPONENTS POSITION IN							
ESIGNATION, FUNCTION	VEHICLE NOTE	FELD IN WIRING DIAGRAMM	DESIGNATION, FUNCTION	VEHICLE LHO RHO	NOTE	FELD IN WRING DIAGRAMM					
OC DELAY	LHD RHD —— 6cm —— Central Electric ————————————————————————————————————		OIL TEMPERATURE SENDER FOR INSTRUMENT		ON ENGINE	A54					
	- 3cl - 3cl - IN WHEEL HOUSING FRONT RIGHT		OIL TEMPERATURE SENDER FOR DIL CODLER BLOWER			J21					
	— 7bl — 7bg — IN LUGGAGE COMPARTMENT		SWITCH LIFTING	12d0 12d0	— ON GEARBOX	B126/127				•	
	8br — 8bk — IN OUTSIDE MIRROW — —		BRAKE BOOSTER PUMP	1d0 1d0 .	IN LUGGAGE COMPARTMENT	Н39/40					
	- 7dN 7dN IN CENTRE CONSOLE		LATERAL ACCELERATION SENDER ABS								
	9em — 9em — Under the Seat Right —		LATERAL ACCELERATION SENDER AUTOMATIC TRANSMISSION-	7dN 7dN	IN CENTRE CONSOLE	K129					
	6dP 6dM AT THE BRAKE PEDAL BELOW THE FLOOR PANEL		CONTROL RELAY REAR WINDOW DEFOGGER	— 16cP — 16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30					
	- 7cl - 7c0 - IN PASSENGER'S FOOTWELL -		RELAY CONDENSER BLOWER								
	- 6CM - 6CM - CENTRAL ELECTRIC -		RELAY AC COMPRESSOR	16cP 16cP	CARRIER PLATE IN ENGINE COMPARTMENT-	L30					
ME CONTROL UNIT	— 9eP — 9eP — UNDER THE SEAT LEFT — — —	B-F41	RELAY ALARM SYSTEM USA	6cM 6cM	CENTRAL ELECTRIC	K/L7		44			•
PEED SENDER	— 15cp — 15cp — On engine left —	A47	RELAY TWO-TONE HORN	6cM 6cM	CENTRAL ELECTRIC	——— F78					
HROTTLE VALVE POTENTIOMETER	15bn 15bn ON THROTTLE VALVE ASSEMBLY	<u>C50</u>	RELAY POWER WINDOW REGULATOR	6сМ 6сМ -	CENTRAL ELECTRIC	J13/14					
JUTOMATIC TRANSMISSION			RELAY FREQUENCY TRANSFORMER	6cM 6cM -	CENTRAL ELECTRIC	К56					
	15bn 15bn On throttle valve assembly		RELAY BLOWER ENGINE COMPARTM.	— 16cP — 16cP	CARRIER PLATE IN ENGINE COMPARTMENT	J/K30					
	— 10ep — 10ep — under the seat left —		RELAY STARTER AUTOMATIC TRANSMISSION	6cM 6cM	CENTRAL ELECTRIC	N50					
	— 1dD —— 1dO —— IN LUGGAGE COMPARTMENT		relay additional cleaning fluid pump	—— 6сМ —— 6сМ	CENTRAL ELECTRIC	E75/ 76					
	660 IN LUGGAGE COMPARTMENT		RELAY TEMP. SWITCH CATALYZER —	6cM 6cM	— CENTRAL ELECTRIC ——————	L/M51					
	9eM — 9eM — UNDER THE SEAT RIGHT		RELAY TERM.X —								
	- 3cl - 3cl - IN WHEEL HOUSING FRONT RIGHT	F80	RELAY TERM 15 E	— 6сМ — 6сМ	CENTRAL ELECTRIC	K/L44					
	- 3cl - 3cl - IN WHEEL HOUSING FRONT RIGHT	180	RELAY REAR FOG LIGHT - BACKUP LIGHT -								
	9dQ — 9dQ — UNDER THE DOOR TRIM PANEL		RELAY FRONT FOG LAMP	— 6cM — 6cM	CENTRAL ELECTRIC		1	4 2 2 4		10 11 12 13 14 15	46 47 40
	9dL — 9dL — UNDER THE DOOR TRIM PANEL —		RELAY DIL COOLER BLOWER	6сМ 6сМ	— CENTRAL ELECTRIC	K21		1 2 3 4	5 6 7 8 9	10 11 12 13 14 15	16 17 18
STATE OF THE STATE	- 4cm - IN LUGGAGE COMPARTMENT		RELAY BRAKE BOOSTER PUMP				п		27		
	4cP — IN LUGGAGE COMPARTMENT		RELAY SUN ROOF								
	6bN 6bN IN LUGGAGE COMPARTMENT		RELAY DAYTIME RUNNING LIGHT CANADA	— 6cM — 6cM	CENTRAL ELECTRIC	D1	D				
	— 16c0 — 16c0 — ON ENGINE		BACKUP LIGHT SWITCH				<u>_</u>				
	— 6cm — 6cm — IN LUGGAGE COMPARTMENT		SHIFT VALVE RESONANCE FLAP	15bN 15bN	- ON ENGINE	G41					
	6CP — 6CP — IN LUGGAGE COMPARTMENT		WINDSHIELD WASHING FLUID PUMP				d l		$M \parallel \parallel \parallel \parallel$		
	— 6cp — — ON STEERING COLUMNEFT		FUSES ENGINE COMPARTMENT				- +				
	— 17c0 — 17c0 — ON DISTRIBUTOR —		HEADLIGHT CLEANER PUMP				6				
	1560 1560 ON REAR WINDOW WIPER MOTOR		HEADLIGHT ELEANER RELAY								
	— 3d0 — 13d0 — ON GEARBOX — — — — — — — — — — — — — — — — — — —		STARTER				1				
	13du 13du Un GEARBUX	A50	DRIVE CRUISE CONTROL -				-				
		UDO	CONTROL UNIT ABS								
			CONTROL UNIT AIRBAG			P114/115					
	— 15cp — 15cp — ON ENGINE LEFT —		CONTROL UNIT ALARM SYSTEM	· · · · · · · · · · · · · · · · · · ·			K		10		
	— 16ch — 16ch — On Engine Above —		CONTROL UNIT AUTOMATIC TRANSMISSION				-13				
	- 2dQ - 2dQ - IN WHEEL HOUSING FRONT LEFT		CONTROL UNIT CONVERTIBLE TOP		THE STATE OF THE S		L	\mathcal{M}			
			CONTROL UNIT INSTRUMENT LIGHTS				- NA	11/4			
			CONTROL UNIT REAR SPOILER				14				
	— 7dN — 7dN — IN CENTRE CONSOLE		CONTROL UNIT HEATER, AIR CONDITIONER			'	N				
	- 3dM - 3dM - IN LUGGAGE COMPARTMENT		CONTROL UNIT CRUISE CONTROL						 		
			CONTROL UNIT CENTRAL LOCKS				0				
	15bn 15bn Engine Compartment	100	BUZZER CONTACT				<u></u>				
	— 16b0 — 16b0 — DN ENGINE		FUEL LEVEL SENDER				<u> </u>				<u> </u>
	- 9an - 9an - DN CONVERTIBLE TOP FRAME		TANK VENTING VALVE				ก				
	900 — 900 — DN CONVERTIBLE TOP FRAME		TEMPERATURE MOTOR								
	— 16bP — 16bP — DN TAILGATE		VARIANT IDENTIFIKATION SWITCH				R		M		
	— 16bP — 16bP — ON TAILGATE		RESISTOR BLOWER				-	14 2 12 1	F (7 0 0	10 11 12 12 1/ 15	16 17 10
	— 12cl — 12cl — Side Panal Covering Right		RESISTOR CONDENSER BLOWER					1 2 3 4	2 0 1 1 8 3	10 11 12 13 14 15	
	— 12cl — 12cl — SIDE PANAL COVERING RIGHT		RESISTOR OIL COOLER BLOWER				·				
	12aN — 12aN — 18 ROOF —		WARNING BUZZER								
	— 15ch — 15ch — Behind Rear Seat —		WPER INTERMITTENT CONTROL RELAY								
	— 15c0 — 15c0 — BEHIND REAR SEAT —		CENTRAL ELECTRIC								
	9an — 9an — DN CONVERTIBLE TOP FRAME		CENTRL INFORMER								
	— 9a0 — 9a0 — ON CONVERTIBLE TOP FRAME		ISNITION CONTROL UNIT I								
	— 17dN — BEHIND REAR PANEL		IGNITION CONTROL UNIT II								
	— 16CP — 16CP — ENGINE COMPARTMENT		IGNITION COIL I								
	14cn — 14cn — DN ENGINE		IGNITION COLLII								
	— 2dl — 2dl — IN WHEEL HOUSING FRONT RIGHT		ADDITIONAL CLEANING FLUID PUMP								
	12ck — 12ck — IN WHEEL HOUSINGAR RIGHT		ADDITIONAL CONTROL LINIT REAR SPOILER	9eM 9eM	UNUER THE SEAT RIGHT	N/3					•
AL LL FLL GROL	Facility and states are structured in the state of the st	2773032									

PLUG CONNECTIONS AND GROUND POINTS G M PLUG CONNECTIONS M - NUMBERS NUMBER OF PINS DESIGNATION, FUNCTION POSITION IN VEHICLE ------ 6cp ------ 6cm ------ On Steering Column Left ----T1 ------- 6 ------- IGNITION LOCK ------ADJUSTABLE SEAT HEATING SEAT LEFT M 249 AUTOMATIC TRANSMISSION --- 7dN ----- 7dN ----- IN CENTRE CONSOLE --M 326 RADIO BERLIN --- A88.F88.J88.E/F17.N17 M 340 ADJUSTABLE SEAT HEATING SEAT RIGHT ------ 6cQ ------ 6cL ------ UNDER THE INSTRUMENT PANEL LEFT ---M 383 SPORT SEAT LEFT HEIGHT ELECTR ADJUSTABLE ------ 7dN -------- IN CENTRE CONSOLE ----M 387 SPORT SEAT RIGHT HEIGHT ELECTR. ADJUSTABLE M 425 REAR WINDOW WIPER T12 _______10 ______DOOR PASSENGER'S SIDE _________6cl _________UNDER THE INSTRUMENT PANEL RIGHT ______ ___ [1L] /M1L M 437 COMFORT SEAT LEFT 9eP ----- 9eP ----- UNDER THE SEAT LEFT -----9eP — 9eP — UNDER THE SEAT LEFT — ___ F45/46 D58 M 439 ELECTRIC CONVERTIBLE TOP T18 ______ 2 ____LICENSE PLATE LIGHTS ______ 17dL ____ 17dL ____ TAIL LIGHTS RIGHT ____ M 454 CRUISE CONTROL 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 ----2 ------OIL LEVEL GAGE-------- E52 LUMBAR SUPPORT SEAT RIGHT LISA - FANADA VERSION M 553 M 562 AIRRAG T22 ------- 4 -------- INSIDE LIGHTS, SUN RODF -------------- 15bM ---------- 8ELDW THE PARCEL TRAY ----M 573 RELAY CONDENSER BLOWER WITHOUT REAR FOG LIGHT T24 ------ SIDE TURN SIGNAL LEFT ------- 75Q ------- IN LUGGAGE AT THE LONGITUDINAL SUPPORT LEFT ---------- D/E9 LUMBAR SUPPORT SEAT LEFT T25 ------ SIDE TURN SIGNAL RIGHT ------ 76L -------- 1N LUGGAGE AT THE LONGITUDINAL SUPPORT RIGHT --------- E2 T27 — 2 — LUGGAGE COMPARTMENT LIGHT — 76L — 76L — IN LUGGAGE AT THE LONGITUDINAL SUPPORT RIGHT — C9 M 650 SUN ROOF ---- N/03.J27/28.048/49.R55-58 M 659 ON-BOARD COMPUTER T35 ______ 12 _____ CONVERTIBLE TOP ______ 12cl _____ 12cl _____ SIDE PANAL EDVERING RIGHT ____ T36 ------- REAR WINDOW ------150M ---- 150M ----- BELOW THE PARCEL TRAY ---T37 —— 1 —— ALARM SYSTEM INDICATOR —— 761 —— 769 —— IN LUGGAGE COMPARTMENT — -- K17 T39 ----- 5 ----- NO.4, FRONT LIGHTS ------ 56/7 T40 ______30 ____AUTDMATIC TRANSMISSION _______9eP ______ UNDER THE SEAT LEFT ______ **GROUND POINTS** POSITION IN VEHICLE MP I LUGGAGE COMPARTMENT, WHEEL HOUSING LEFT -MP II ----- LUGGAGE COMPARTMENT, WHEEL HOUSING RIGHT ---MP III ON FIREWALL -MP IV _____ GROUND OF POWER CONSUMERS, UNDER THE SEAT LEFT ____ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 MP V ---- ELEKTRONIC, UNDER THE SEAT LEFT ----MP VI ---- CENTRAL ELECTRIC, ON LONGITUDINAL SUPPORT RIGHT --MP VII ----- ANTENNA AMPLIFIER, ON LONGITUDINAL SUPPORT RIGHT -----MP VIII——— INSIDE LIGHTS CONVERTIBLE, ROOF, CENTER, FRONT MP IX ----- INSIDE LIGHTS, ROOF RIGHT -----MP IX ----- INSIDE LIGHTS, ROOF LEFT ----MP X ----- BATTERY, LUGGAGE COMPARTMENT LEFT ---MP XI - GROUND STRAP I STARTER, TRANSMISSION, MOTOR, BODY) -MP XII ----- ENGINE COMPARTMENT REAR LEFT MP XIII ----- MOTOR LEFT -----MP XIV ----- ENGINE COMPARTM. REAR RIGHT ---MP XV ----- INSTRUMENTS, LONGITUDINAL SUPPORT LEFT ----MP XVI ----- COMBINATION LEAD REAR LEFT ----MP XVII ---- COMBINATION LEAD REAR RIGHT -MP XVIII ---- COMBINATION LEAD FRONT RIGHT-MP XIX ---- COMBINATION LEAD FRONT LEFT -MP XX ----- SEAT CROSS MEMBER UNDER THE SEAT RIGHT ---M N

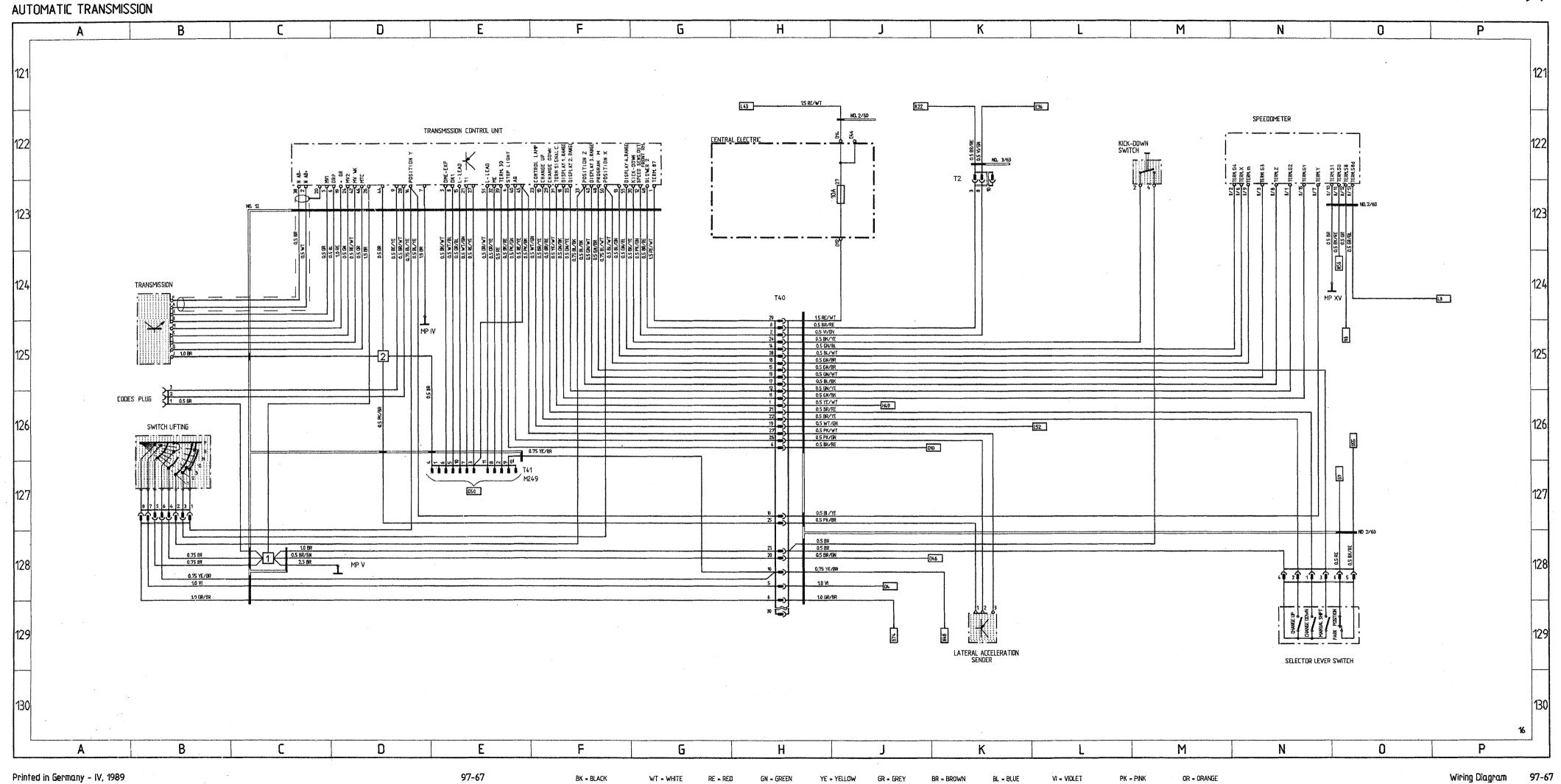
97



Wiring Diagram



BK * BLACK



BK - BLACK

Changes to the circuit diagram for the 911 Carrera 2/4, 1990 model

Sheet 5, D 50

The ground points for the DME control unit are not marked. 2.5 mm² lead, brown, to ground point IV. 1.5 mm² lead, brown, to ground point V.

Sheet 12

Control unit-transmission

The control unit is located beneath the left-hand seat.

Please alter the circuit diagram accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 91

		Coordinates	
Sheet	1	1 - 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator, Inside Lights
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer, On-board computer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio, Telephone
Sheet	10	91 - 100	Fog Light, Rear Fog Light
Sheet	11		Central Electric
Sheet	12		Construction Components
Sheet	13		Plug Connections, Ground Points, M-Numbers, Abbreviations
Sheet	14	101 - 110	Trailer Coupling
Sheet	15	111 - 120	Airbag
Sheet	16	121 - 130	Tiptronic (Carrera 2)

Wiring Diagram Type 911 Carrera 2 and 4 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 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors 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".

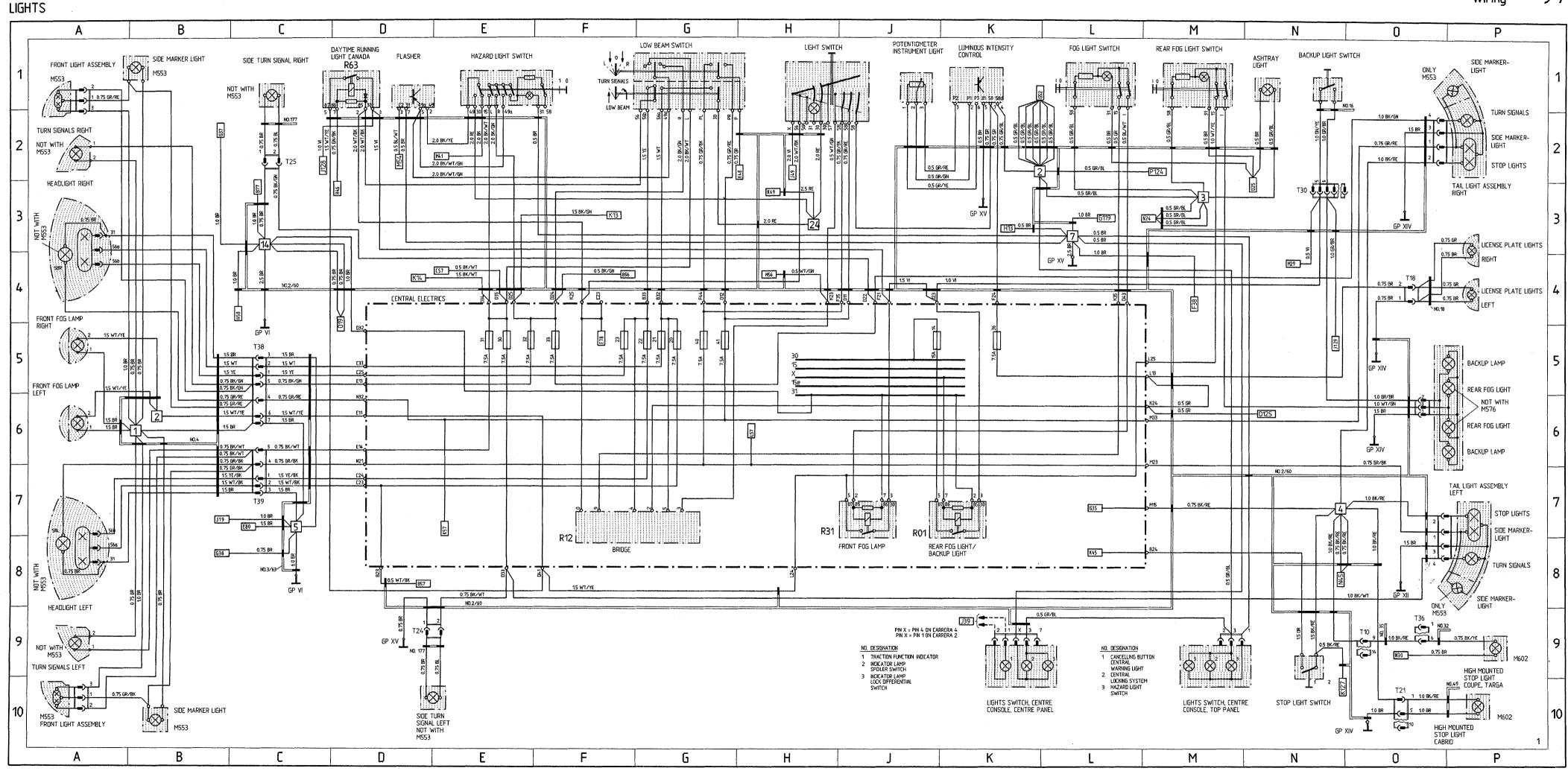
The 10-pin connectors only contents one "module element".

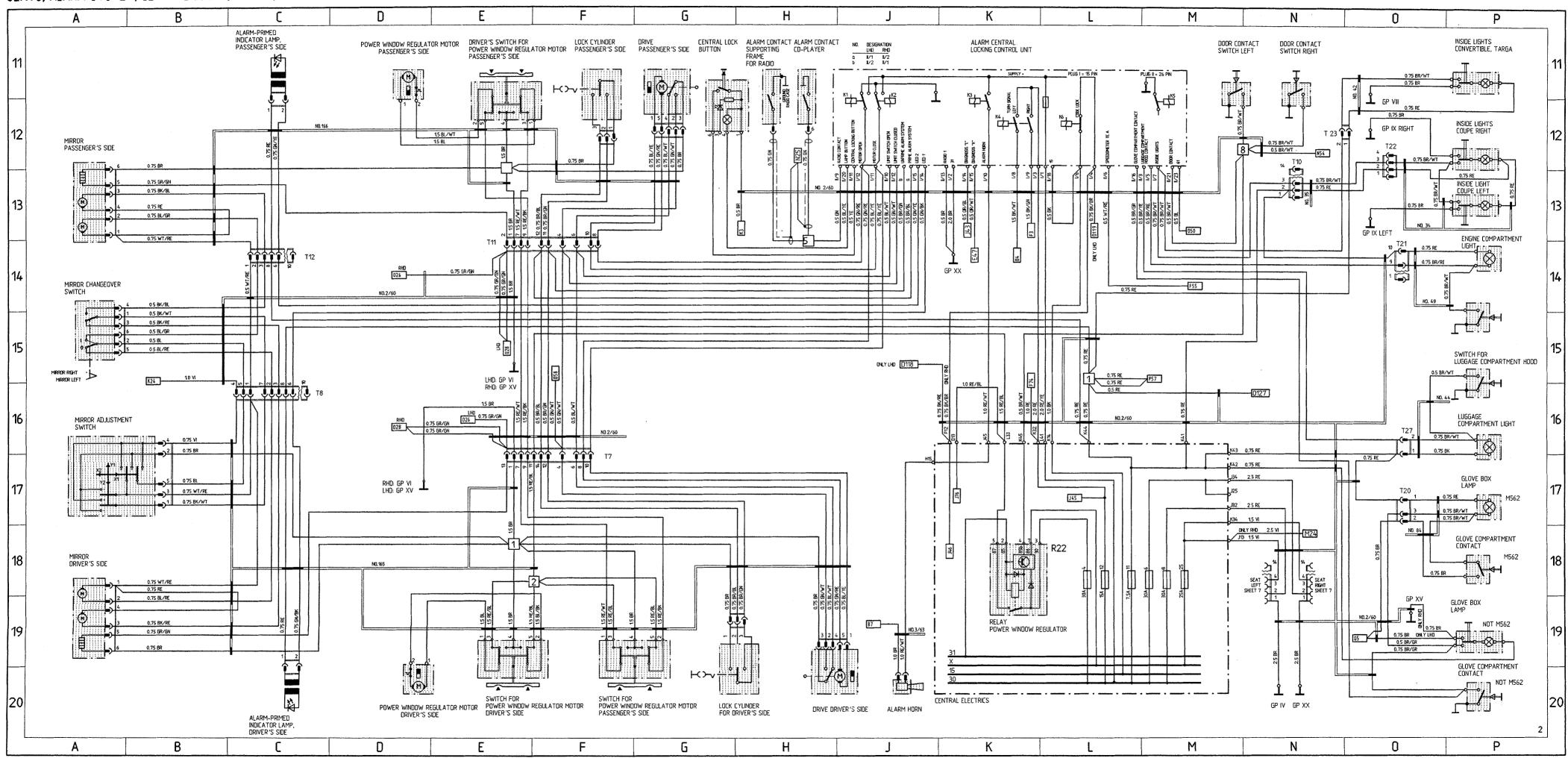
Start- and module elements are identified by the numbers 1....5.

Part 5 ist a "coding element".

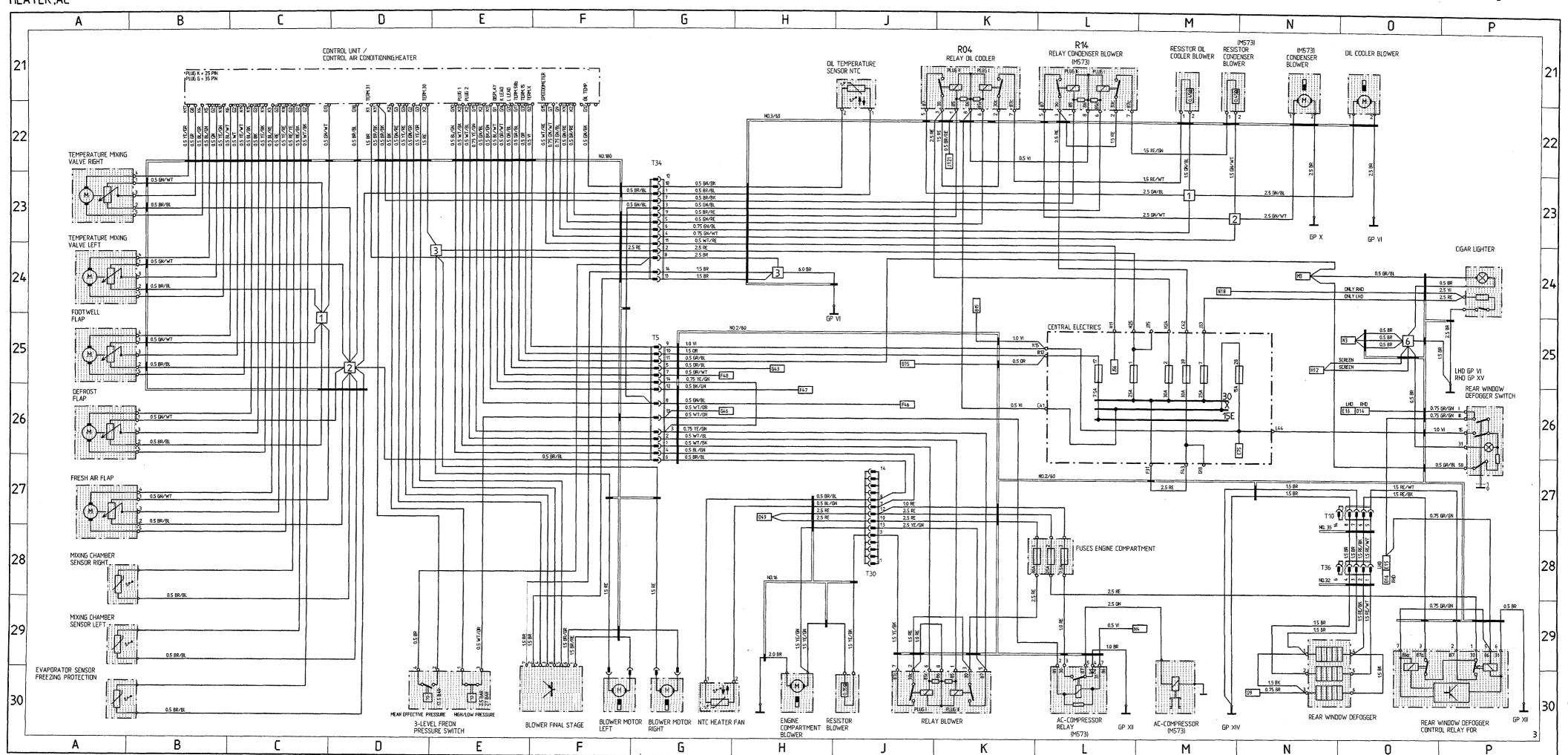
The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11.....15, and to the first module element from B 21.....25.

Wiring Diagram 97-73





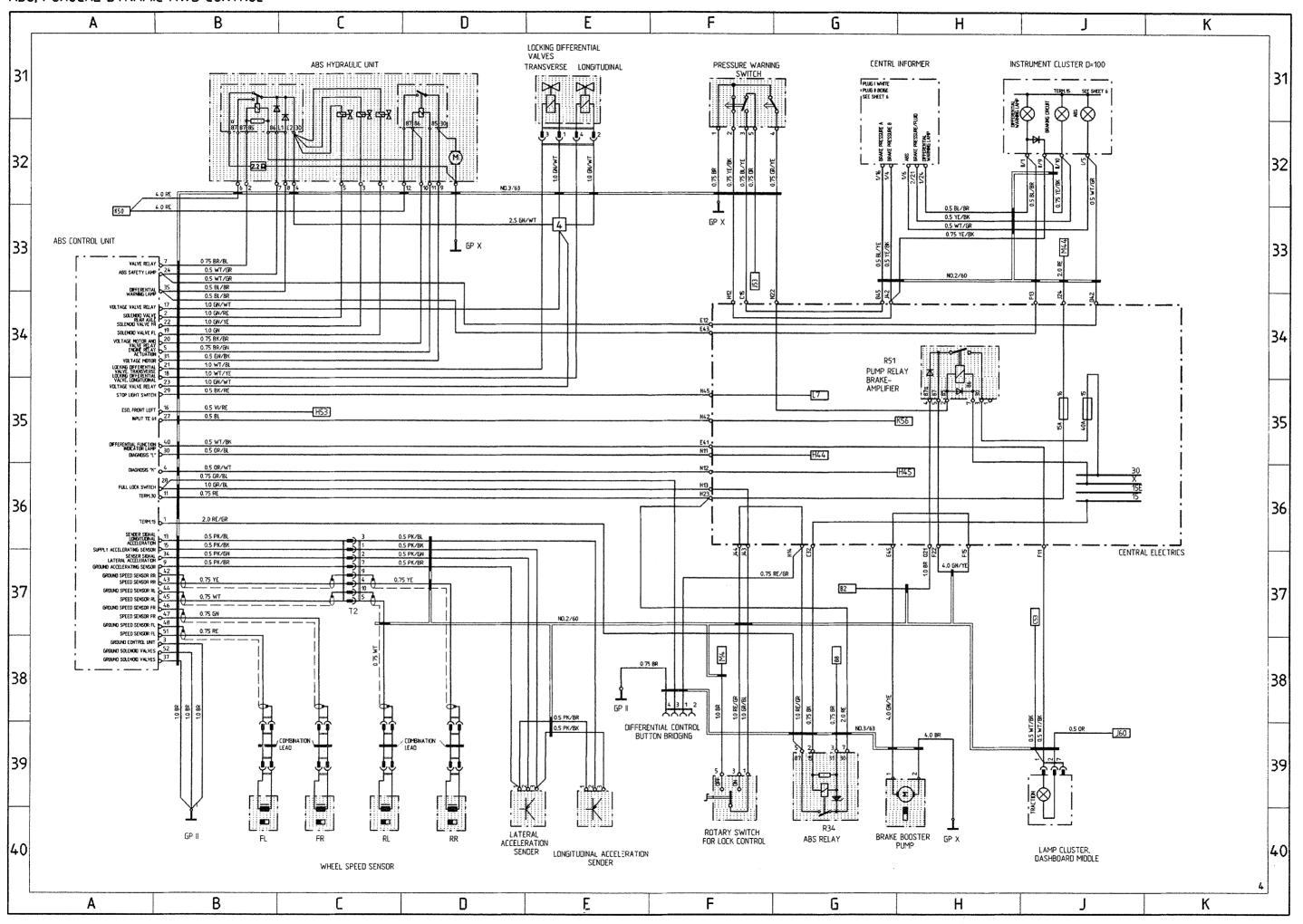
Wiring

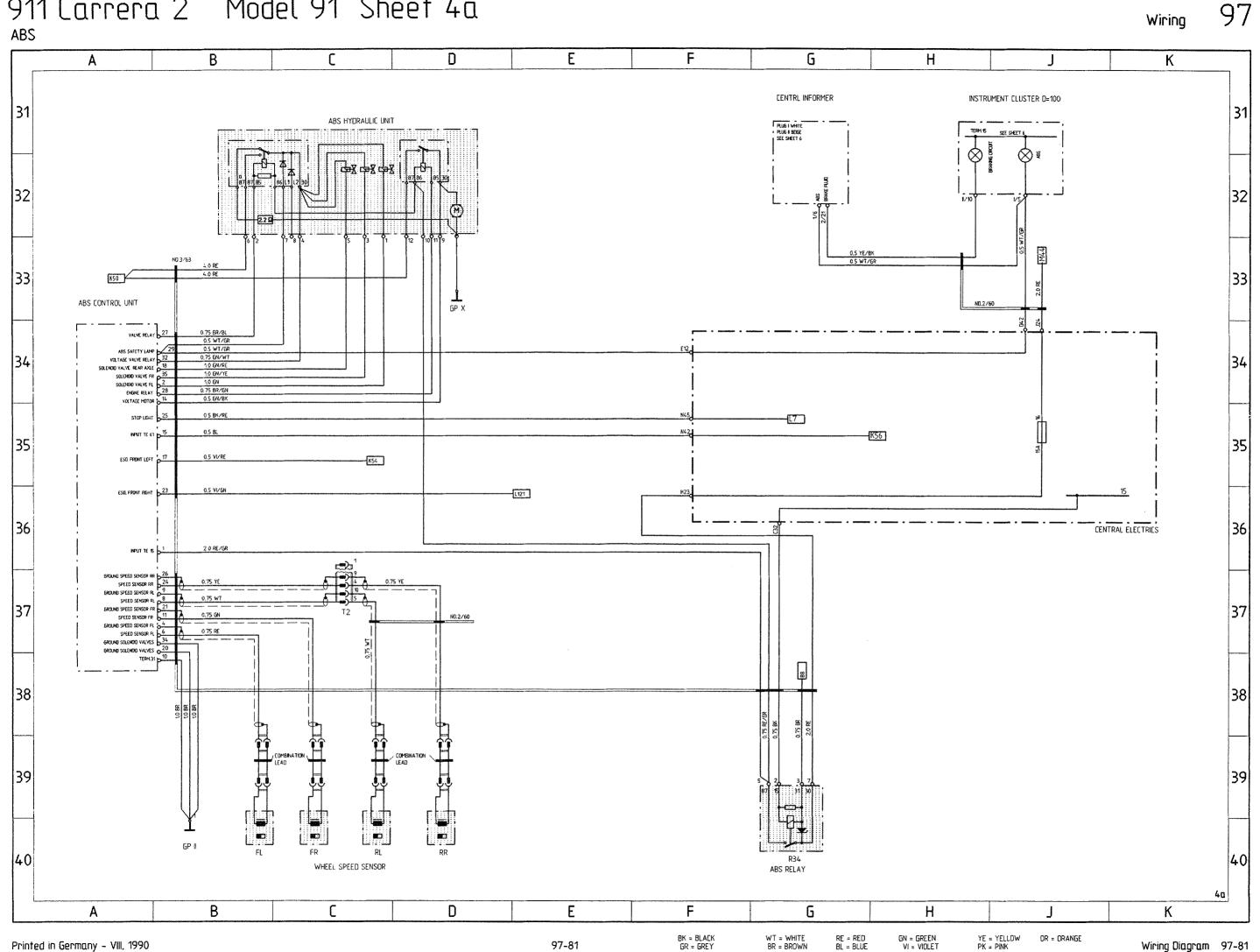


97-77

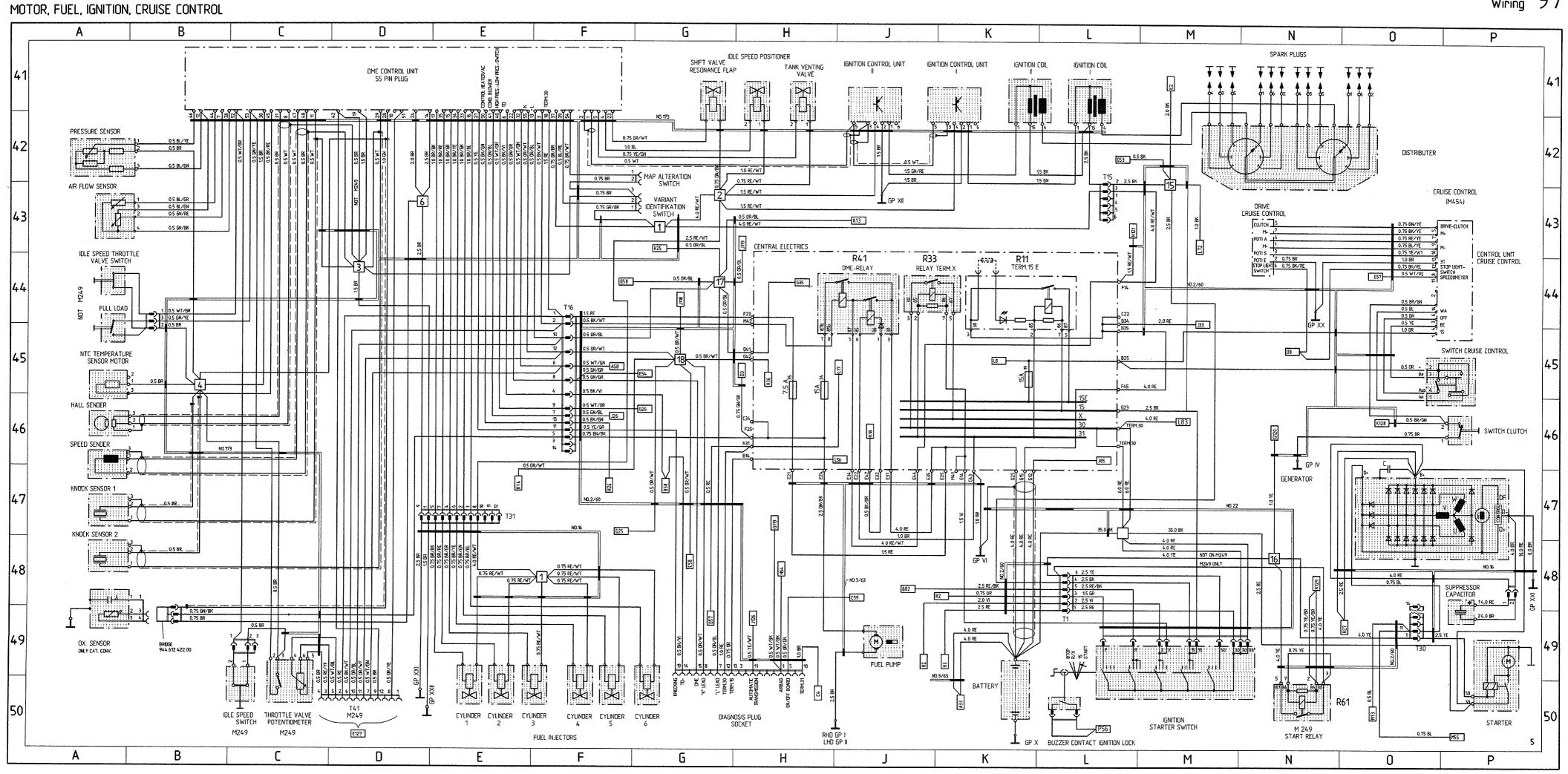
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ABS, PORSCHE DYNAMIC AWD CONTROL

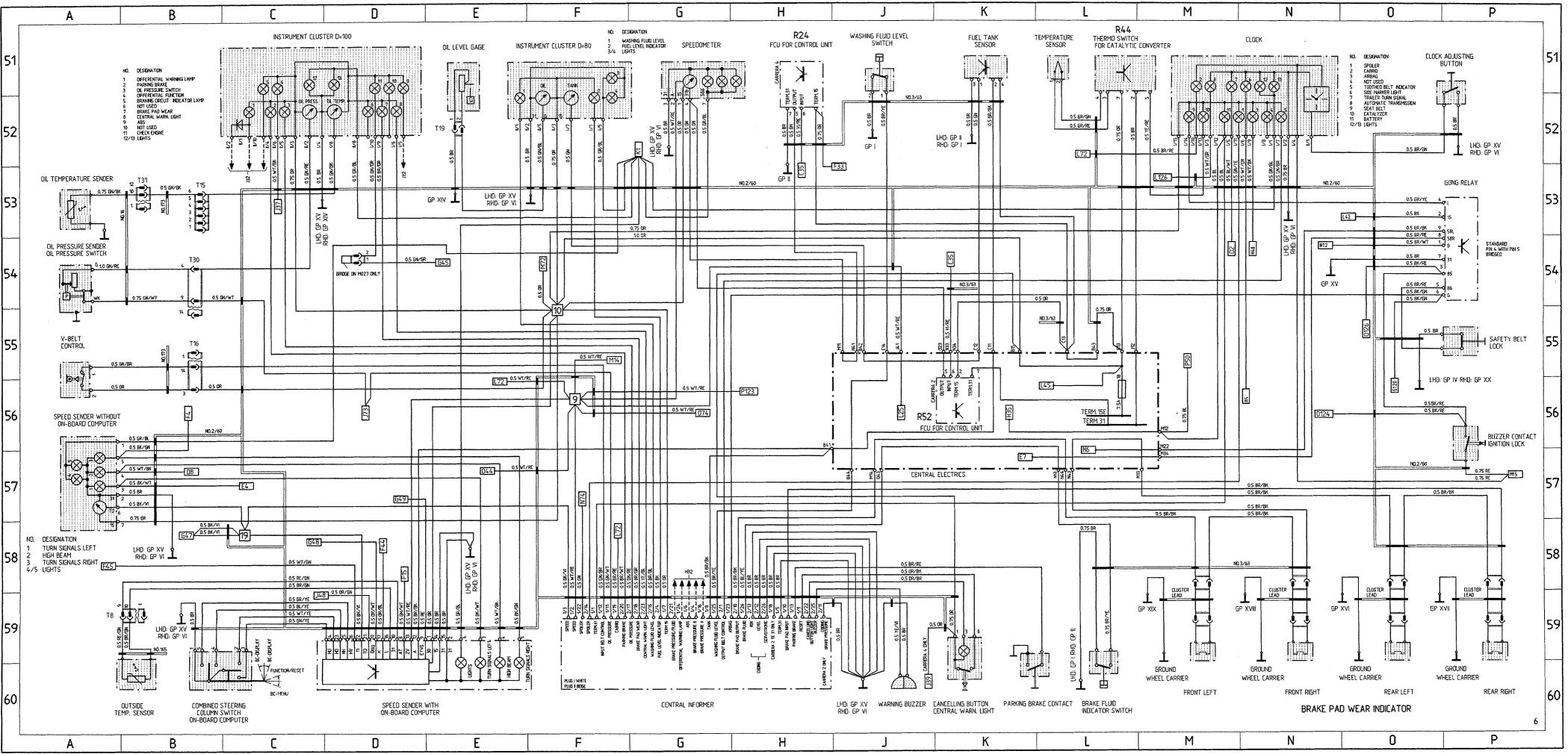




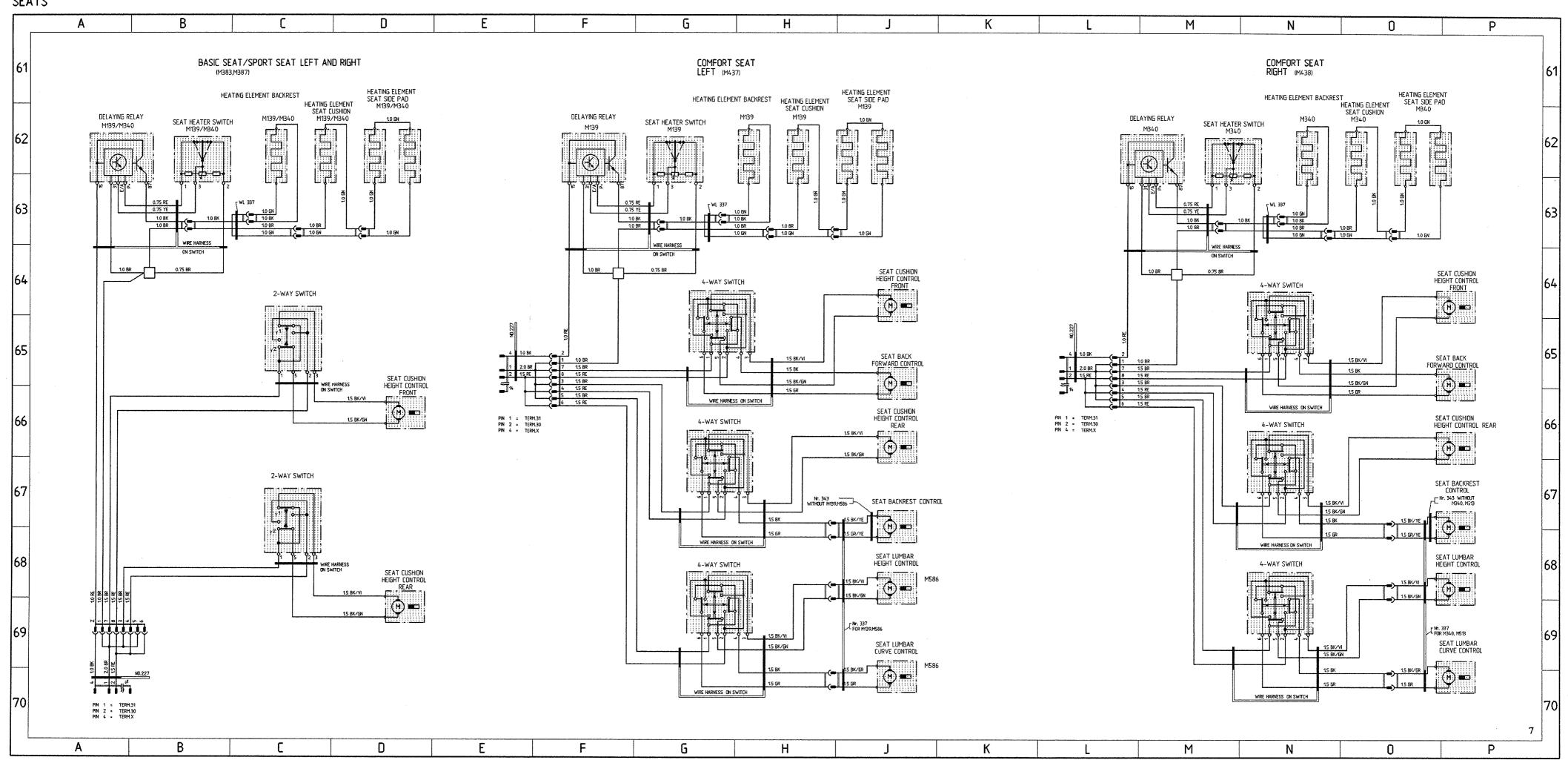
Wiring Diagram 97-83



INSTRUMENTS AND SENDER



Wiring Diagram 97-87



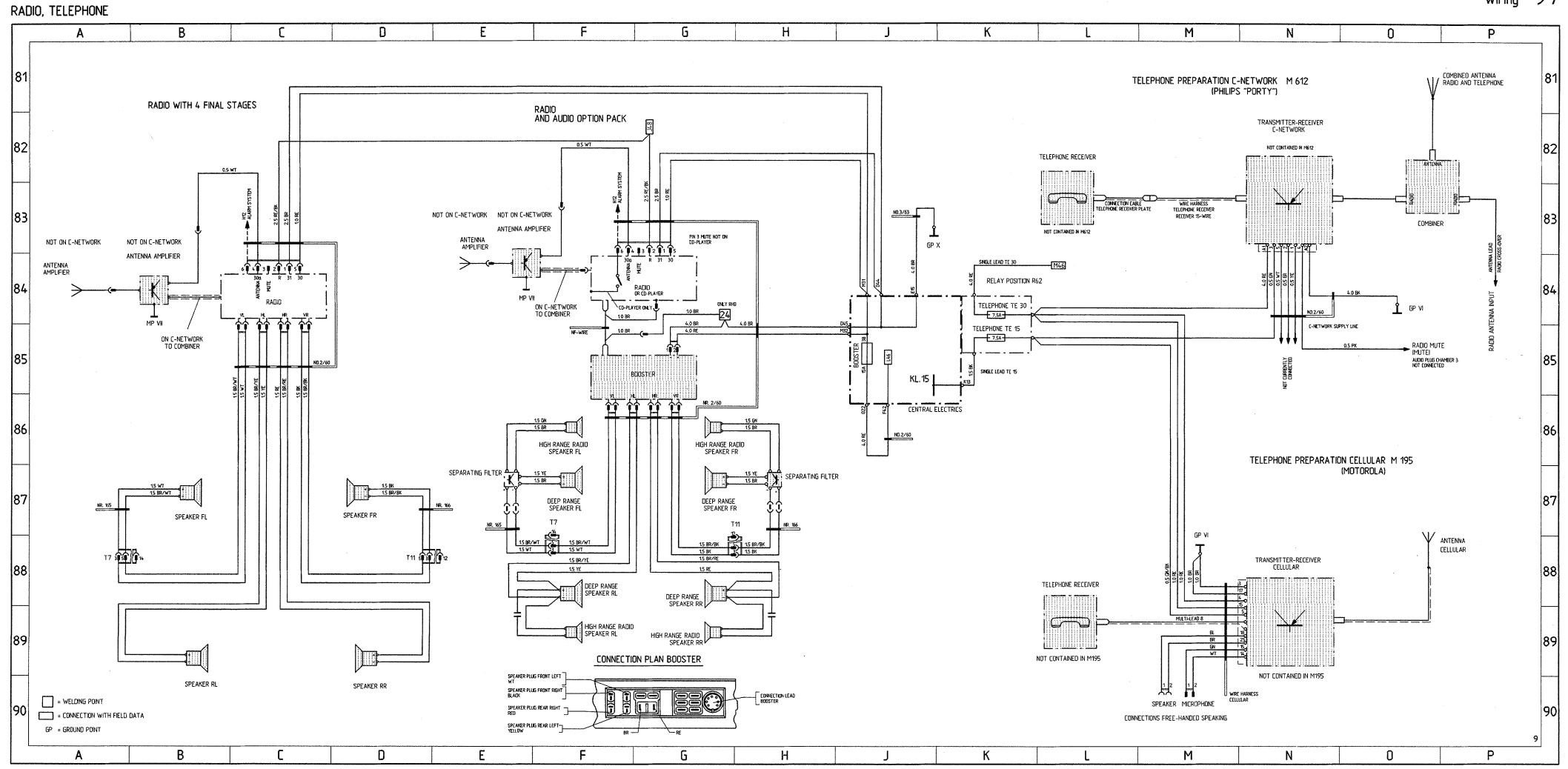
REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP REAR WINDOW WIPER (M425) REAR WINDOW WIPER RELAY REAR WINDOW WIPER MOTOR REAR WINDOW WIPER BUTTON WIPER MOTOR CONTROL UNIT CONVERTIBLE TOP CONVERTIBLE TOP SWITCH MICRO SWITCH TDC MOTOR TOP CONTROL RIGHT WIPE/WASH SWITCH LHD: GP XV RHD: GP VI MOTOR SUN **GP XIV** GP XIV CONTROL UNIT ON M439 TE 3 WITH N26 WIPER INTERMITTENT CONTROL RELAY POTENTIOMETER FOR WIPING/WASHING ADDITIONAL CLEANING FLUID PUMP R53 INTENSIVE CLEANING PRESS BUTTON LEFT HEATED SPRAY JET RIGHT HEATED SPRAY JET R43 HEADLIGHT WASHING R23 TWO-TONE HORN WINDSHIELD WASHING FLUID PUMP PUMP ADDITIONAL CLEANING PUMP CENTRAL ELECTRICS 3, CONNECTING POINT MOTOR TOP LOCK LEFT MICRO SWITCH ROOF LEFT MICRO SWITCH ROOF RIGHT MOTOR TOP LOCK RIGHT ROTARY SWITCH FOR REAR SPOILER MICRO SWITCH REAR MICRO SWITCH REAR SPOILER RETRACTED SPOLIER EXTENDED 80 CONNECTION WITH FIELD DATA TWO-TONE HORN GP GROUND POINT GP I GP I LHD GP II RHD

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WL WIRING LOOM

Wiring Diagram 97-91

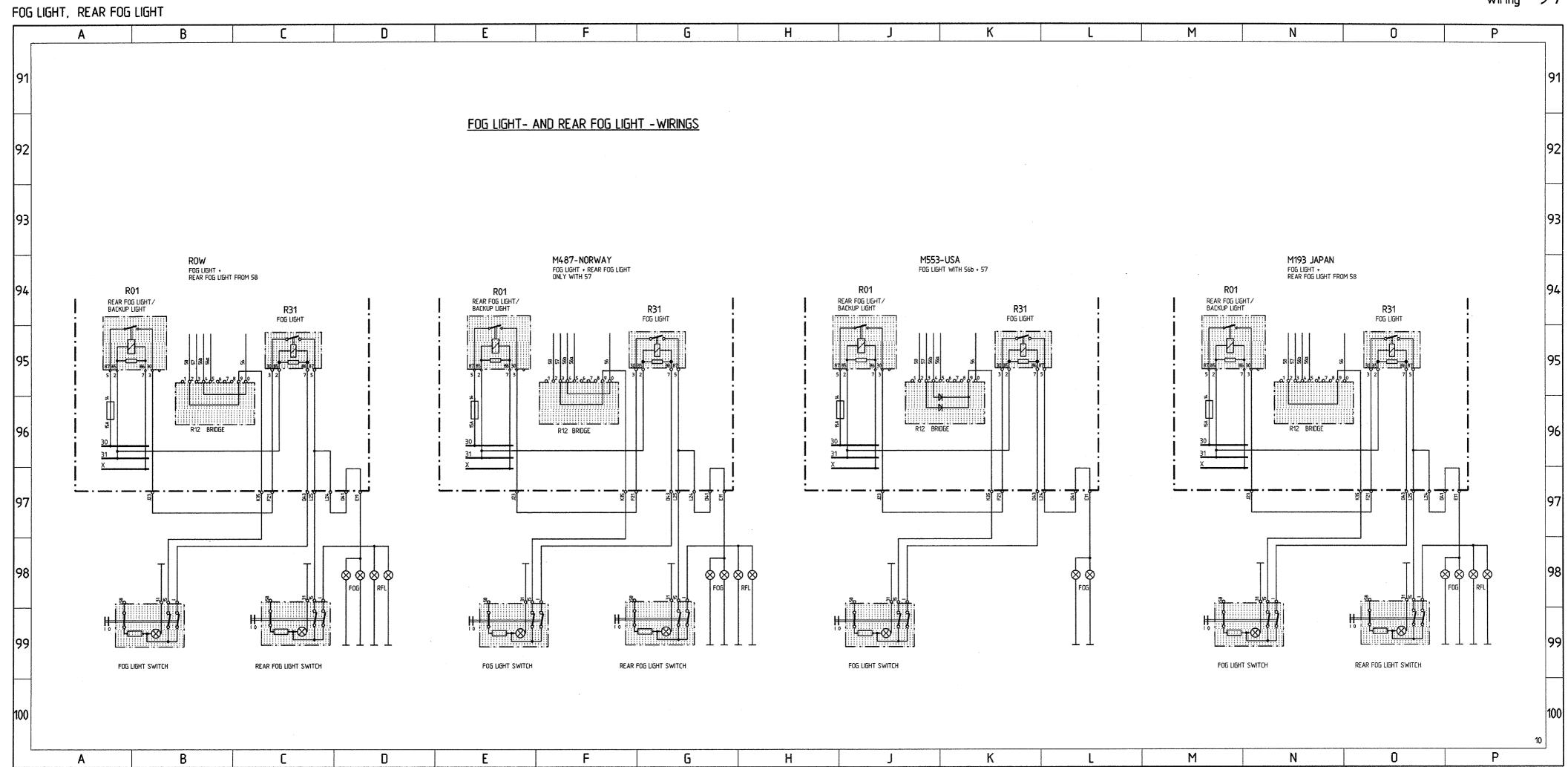
OR = ORANGE

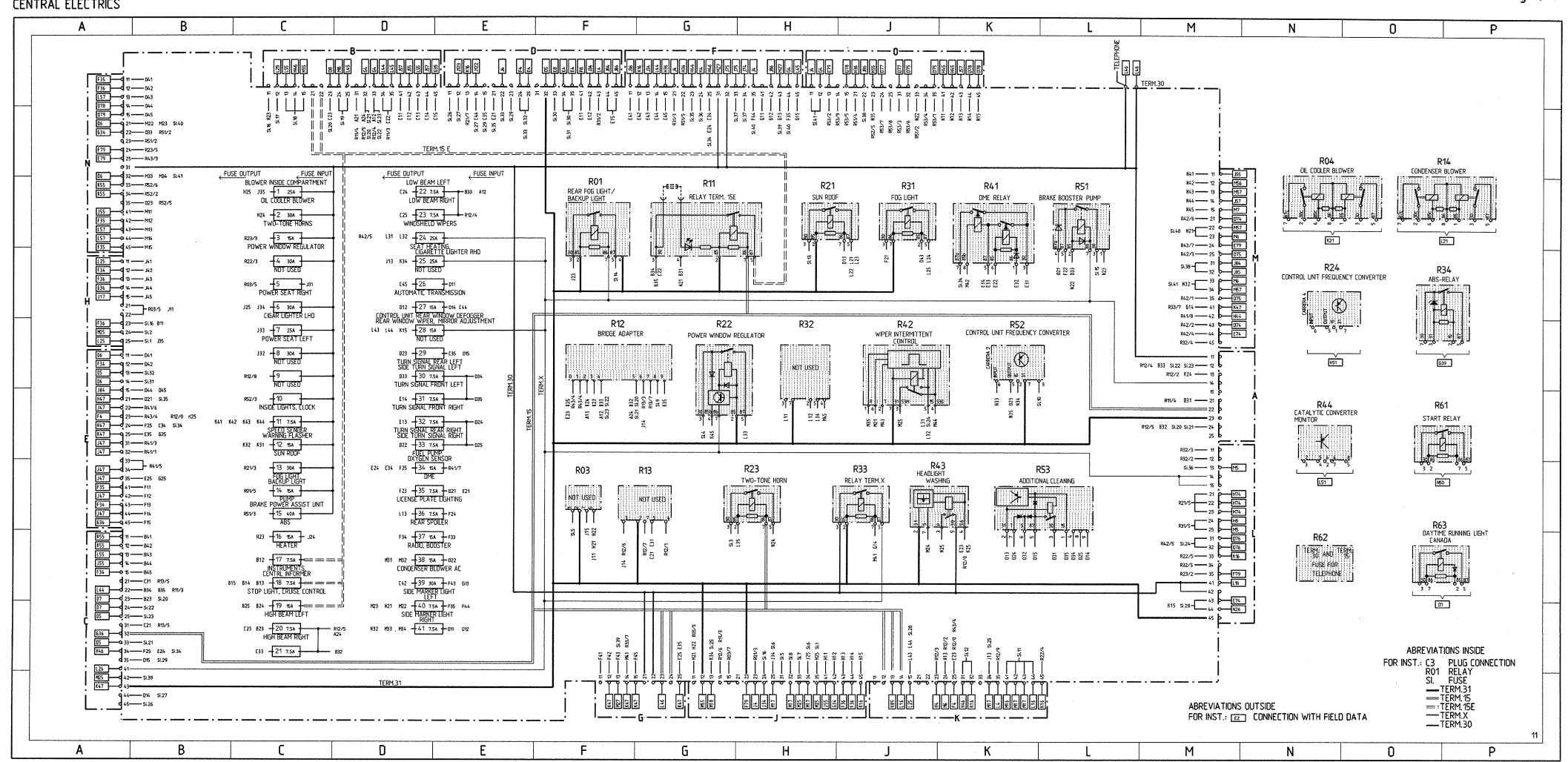


97-91

BK = BLACK

Wiring Diagram 97-93





97-95

BK = BLACK

WT = WHITE

= RED GI

YE = YELLOV

EY BR = BROV

BL = BLUE

VI = VIOLET

(= PINK

OR = ORANGE

Wiring Diagram 97-95

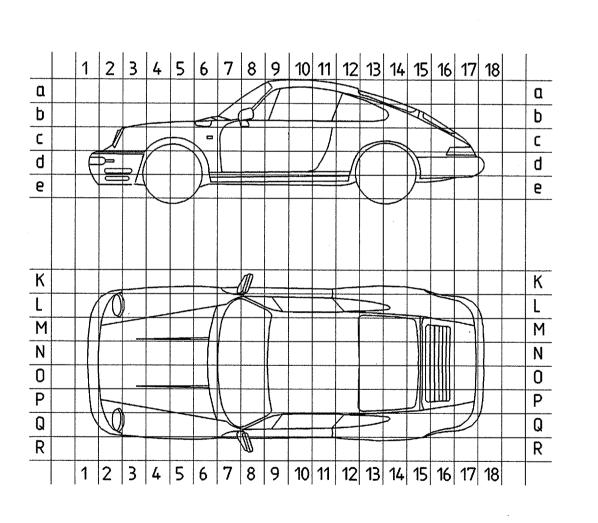
CONSTRUCTION COMPONENTS

									r					
Α	В	C		E	F	G	H	J	K	L	M	N	0	Р
											***************************************	<u> </u>		

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	POSITI VEHICL		NOTE	FIELD IN WIRING DIAGRAMI		
	LHO	RHD				
ABS RELAY	6cM	6cM	CENTRAL ELECTRICS	G39/40		
ALARM HORN	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	J20		
ANTENNA AMPLIFIER	7Ы.	7bQ	IN LUGGAGE COMPARTMENT	884,E84		
DUTSIDE TEMP. SENSOR	8bR	8bK	IN OUTSIDE MIRROW	860		
ELASHER	7dN	7dN	IN CENTRE CONSOLE	D1		
BOOSTER	9eM	9eM	UNDER THE SEAT RIGHT	F/G85		
STOP LIGHT SWITCH	6dP	6dM	AT THE BRAKE PEDAL BELOW THE FLOOR PANEL	N9		
DIAGNOSIS CONNECTION	7cL	7cQ	IN PASSENGER'S FOOTWELL	G/H50		
DME RELAY	6cM	6cM	CENTRAL ELECTRICS	J44		
DME CONTROL UNIT	9eP	9eP	UNDER THE SEAT LEFT	B-F41		
speed sender	15cP	15cP	BY ENGINE LEFT	A47		
THROTTLE VALVE POTENTIOMETER, AUTOM, TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	C50		
THROTTLE VALVE SWITCH, MANUAL TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	A44/45		
Pressure sensor	10eP	10eP	UNDER THE SEAT LEFT	A42		
PRESSURE WARNING SWITCH	1d0	1d0	IN LUGGAGE COMPARTMENT	F31		
RESSURE SWITCH AIR CONDITIONING SYSTEM	660		IN LUGGAGE COMPARTMENT	E30		
WO-TONE HORN I	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	F80		
WO-TONE HORN II	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	G80		
EPARATING FILTER FL	9d0	9dQ	UNDER THE DOOR TRIM PANEL	E87		
EPARATING FILTER FR	9dL	9dL	UNDER THE DOOR TRIM PANEL	H87		
RASH SENSOR RIGHT	4cM	_	IN LUGGAGE COMPARTMENT	G112/113		
RASH SENSOR LEFT	4cP	_	IN LUGGAGE COMPARTMENT	E112/113		
LOWER FINAL STAGE	6bN	6bN	IN LUGGAGE COMPARTMENT	F30		
LOWER ENGINE COMPARTMENT	16c0	16cD	ON ENGINE	H30		
LOWER MOTOR RIGHT	6cM	6cM	IN LUGGAGE COMPARTMENT	G30		
LOWER MOTOR LEFT	6cP	6cP	IN LUGGAGE COMPARTMENT	F30		
ONG RELAY	6cP	T -	BY STEERING COLUMN LEFT	P53/54		
IALL SENDER	17c0	17c0	ON DISTRIBUTOR	A46		
EAR WINDOW WIPER RELAY	15b0	15b0	ON REAR WINDOW WIPER MOTOR	E71		
YDRAULIC UNIT ABS	3dP	3dP	IN LUGGAGE COMPARTMENT	C32		
'-BELT CONTROL	17d0	17d0	ON ENGINE	A55/56		
1AP ALTERATION- SWITCH	9eP	9eP	UNDER THE SEAT LEFT	642		
IICK-DOWN SWITCH	6d0	6dM	BY ACCELERATOR PEDAL UNDER FLOOR PANEL	M122		
NOCK SENSOR 1	15cP	15cP	BY ENGINE LEFT	A47		
NOCK SENSOR 2	16cN	16cN	BY ENGINE TOP	A48		
ONDENSER BLOWER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	N21		
UEL PUMP	6eM	6eP	BEHIND THE BASE	J49		
LUTCH SWITCH CRUISE CONTROL	6dP	6dN	BY CLUTCH PEDAL UNDER FLOOR PANEL	P46		
ONGITUDINAL ACCELERATION SENDER	7dN	7dN	IN CENTRE CONSOLE	E40		
OCKING DIFFERENTIAL VALVES LONGIT. AND TRANSVERSE	3dM	3dM	IN LUGGAGE COMPARTMENT	E31		
DLE SPEED SWITCH AUTOMATIC TRANSMISSION	15bN	15bN	ON ENGINE	C50		
DLE SPEED POSITIONER	15bN	15bN	IN ENGINE COMPARTMENT	H41		
ir flow sensor	16b0	16b0	ON ENGINE	A43		
IICRO SWITCH ROOF RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	M79		
IICRO SWITCH ROOF LEFT	900	9a0	AT CONVERTIBLE TOP FRAME	L79		
IICRO SWITCH REAR SPOLIER EXTENDED	16bP	16bP	ON TAILGATE	079		
IICRO SWITCH REAR SPOILER RETRACTED	16bP	16bP	DN TAILGATE	079		
IICRO SWITCH TDC	12cL	12cL	BEHIND SIDE PANEL COVERING	071		
ICROSWITCH FOR TOP CONTROL	12cL	12cL	BEHIND SIDE PANEL COVERING	P71		
OTOR SUN ROOF	12aN	12aN	IN ROOF	673		
OTOR TOP CONTROL RIGHT	15cN	15cN	BEHIND REAR SEAT	N71		
OTOR TOP CONTROL LEFT	15c0	15c0	BEHIND REAR SEAT	M71		
OTOR TOP LOCK RIGHT	9aN	9¤N	AT CONVERTIBLE TOP FRAME	K/L79		
OTOR TOP LOCK LEFT	900	9¤0	AT CONVERTIBLE TOP FRAME	J/K79		
EAR FOG LIGHT CUTOUT RELAY	17dN	17dN	BEHIND REAR PANEL	A108		
TC HEATER FAN	16cP	16cP	IN ENGINE COMPARTMENT	630		
IL PRESSURE SENDER/SWITCH	14 c N	14cN	ON ENGINE	A54		
IL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	021		
DIL LEVEL GAGE	12cK	12cK	IN WHEEL HOUSING REAR RIGHT	E51/52		

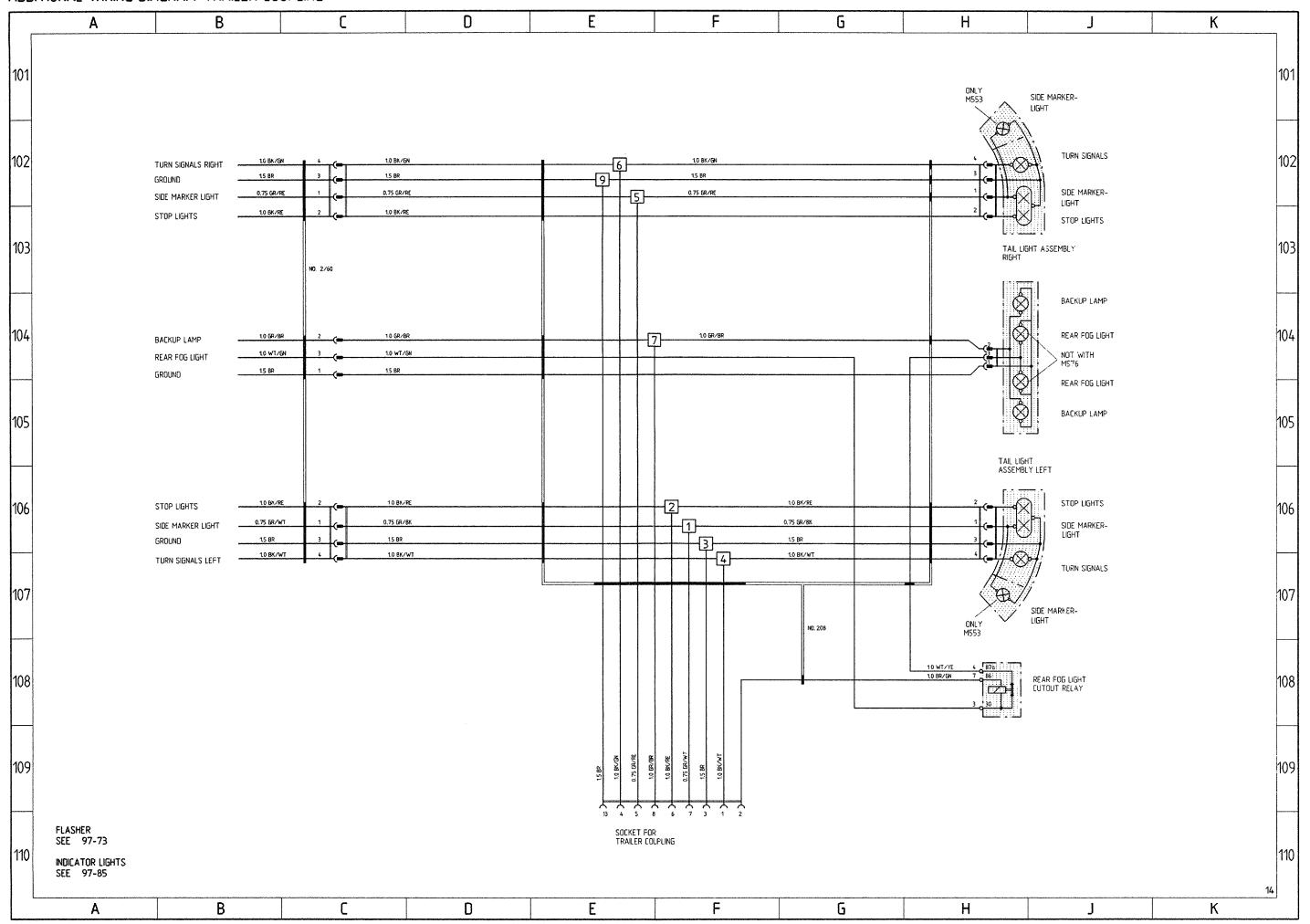
DESIGNATION, FUNCTION	Positi Vehici		NOTE	field in Wiring Diagrami		
	LHD	RHD				
OIL TEMPERATURE SENDER FOR INSTRUMENT	14cN	14cN	ON ENGINE	A53		
OIL TEMPERATURE SENDER FOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	J21		
SWITCH LIFTING	12d0	12d0	ON GEARBOX	D-F129		
BRAKE BOOSTER PUMP	1d0	1d0	IN LUGGAGE COMPARTMENT	H39/40		
LATERAL ACCELERATION SENDER ABS	7dN	7dN	IN CENTRE CONSOLE	D40		
LATERAL ACCELERATION SENDER AUTOMATIC TRANSMISSION	7dN	7dN	IN CENTRE CONSOLE	K129		
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30		
RELAY CONDENSER BLOWER	6cM	6cM	CENTRAL ELECTRICS	L21		
RELAY AC COMPRESSOR	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L30		
RELAY TWO-TONE HORN	6cM	6cM	CENTRAL ELECTRICS	F78		
RELAY POWER WINDOW REGULATOR	6cM	6cM	CENTRAL ELECTRICS	K18/19		
RELAY FREQUENCY TRANSFORMER	6cM	6cM	CENTRAL ELECTRICS	K56/H51		
RELAY BLOWER ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	J/K30		
RELAY STARTER AUTOMATIC TRANSMISSION	6cM	6cM	CENTRAL ELECTRICS	N50		
RELAY ADDITIONAL CLEANING FLUID PUMP	6cM	6cM	CENTRAL ELECTRICS	E75/76		
RELAY THERMO SWITCH CATALYTIC CONVERTER	6cM	6cM	CENTRAL ELECTRICS	L/M51		
RELAY TERM.X	6cM	6сМ	CENTRAL ELECTRICS	K44		
RELAY TERM.15 E	6cM	6cM	CENTRAL ELECTRICS	K/L44		
RELAY REAR FOG LIGHT-BACKUP LIGHT	6cM	6сМ	CENTRAL ELECTRICS	J/K7		
RELAY FRONT FOG LAMP	6cM	6cM	CENTRAL ELECTRICS	J7		
RELAY OIL COOLER BLOWER	6cM	6cM	CENTRAL ELECTRICS	K21		
RELAY BRAKE BOOSTER PUMP	6cM	6cM	CENTRAL ELECTRICS	H34/35		
RELAY SUN ROOF	6cM	6cM	CENTRAL ELECTRICS	H75		
RELAY DAYTIME RUNNING LIGHT CANADA	6cM	6сМ	CENTRAL ELECTRICS	D1		
BACKUP LIGHT SWITCH	14dN	14dN	BY TRANSMISSION RIGHT	N1		
SHIFT VALVE RESONANCE FLAP WINDSHIELD WASHING FLUID PUMP	15bN	15bN	ON ENGINE	G41		
FUSES ENGINE COMPARTMENT	3cQ 16cP	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A78		
HEADLIGHT CLEANER PUMP	3cQ	16cP 3cQ	EARRIER PLATE IN ENGINE COMPARTMENT BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	L28 A79/80		
HEADLIGHT CLEANER RELAY	6cM	6cM	CENTRAL ELECTRICS	E78		
STARTER	14 dN	14dN	BY CLUTCH HOUSING RIGHT	P49/50		
DRIVE CRUISE CONTROL	15c0	15c0	ON ENGINE	N43/44		
CONTROL UNIT ABS	2dM	2dM	IN LUGGAGE COMPARTMENT	A33-38		
CONTROL UNIT AIRBAG	6c0		ON INTRUMENT PANEL	J114/115		
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	9eM	9eM	UNDER THE SEAT RIGHT	J-M12		
CONTROL UNIT AUTOMATIC TRANSMISSION	10dP	10dP	UNDER THE SEAT LEFT	C-G122		
CONTROL UNIT CONVERTIBLE TOP	6cP	6cM	ON INTRUMENT PANEL	J/K71		
CONTROL UNIT INSTRUMENT LIGHT	7bQ	7bQ	IN LUGGAGE COMPARTMENT LEFT	K1		
CONTROL UNIT REAR SPOILER	9eN	9eN	UNDER THE SEAT RIGHT	P74-76		
CONTROL UNIT HEATING, AIR CONDITIONING	7c0	7cN	ON INTRUMENT PANEL	B-F21		
CONTROL UNIT CRUISE CONTROL	9eN	9eN	UNDER THE SEAT RIGHT	P43/44		
BUZZER CONTACT	7cP	7cM	ON IGNITION LOCK	P56		
FUEL LEVEL SENDER	5cM	5cP	IN FUEL TANK	K51		
TANK VENTING VALVE	15cN	15cN	BY ENGINE TOP	H41		
TEMPERATURE MOTOR	15cP	15cP	BY ENGINE LEFT	A45		
VARIANT IDENTIFIKATION SWITCH	9eP	9eP	UNDER THE SEAT LEFT	G43		
RESISTOR BLOWER	16dP	16dP	IN ENGINE COMPARTMENT	J30		
RESISTOR FOR BLOWER CONDENSER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	M21		
RESISTOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	M21		
WARNING BUZZER	7cP	7cP	ON INTRUMENT PANEL	J60		
WIPER INTERMITTENT CONTROL RELAY	6cM	6cM	CENTRAL ELECTRICS	F/G75		
CENTRAL ELECTRICS	6cM	6cM	IN LUGGAGE COMPARTMENT			
CENTRL INFORMER	6cP	6сР	ON STEERING COLUMN	H32,F/G/H59		
IGNITION CONTROL UNIT I	15cP	15cP	IN ENGINE COMPARTMENT LEFT	K41		
IGNITION CONTROL UNIT II	15cP	15cP	IN ENGINE COMPARTMENT LEFT	J41		
ignition coil i	15cQ	15cQ	IN ENGINE COMPARTMENT LEFT	L41		
IGNITION COIL II	15cQ	15cQ	IN ENGINE COMPARTMENT LEFT	K41		
ADDITIONAL CLEANING FLUID PUMP	4cM	4cQ	IN LUGGAGE COMPARTMENT	A79		



ECTIONS, GROUND POINTS, ABBREVIATIONS A B C	D E	F	G H		K		М	N	0	P
	D C			L L						
PLUG CONNECTIONS										
CODE NUMBER OF PINS DESIGNATION, FUNCTION	POSITION IN VEHICLE NOTE	FIELD		M - NUMBERS						
	LEFT-HAND DRIVE RIGHT-HAND DRIVE									
	C.D. C.M. DV STEEDING FOLLOWING	L48								
T1 6 IGNITION LOCK T2 10 ABS	6cP 6cM BY STEERING COLUMN LEFT 6cL 6cL IN LUGGAGE COMPARTMENT RIGHT	C36/37. K122	-	M 139 ADJUSTABLE SEAT HEATING, LEFT S	SEAT					
T5 14 HEATER, AIR CONDITIONER	6cM 6cM UNDER INSTRUMENT PANEL RIGHT	G25/26		M 193 JAPAN VERSION						
T6 6 AIRBAG	7dN 7dN IN CENTRE CONSOLE	F/G117	_	M 249 AUTOMATIC TRANSMISSION	CCAT					
T7 14 DODR DRIVER'S SIDE	6cQ 6cL UNDER INSTRUMENT PANEL LEFT	A88,F88,E/F17 C16,B59		M 340 ADJUSTABLE SEAT HEATING, RIGHT S M 383 SPORT SEAT LEFT ELECTRIC HEIGHT.						
T8 10 DDOR DRIVER'S SIDE T9 2 AIRBAG	6cQ 6cL UNDER INSTRUMENT PANEL LEFT 7dN 7dN IN CENTRE CONSOLE	G117		M 387 SPORT SEAT RIGHT ELECTRIC HEIGHT						
T10 14 REAR WINDOW SHELF	12cl 12cl BEHIND SIDE PANEL COVERING	09,M3,027,E/F73,H72		M 425 REAR WINDOW WIPER						
T11 12 DOOR PASSENGER'S SIDE	6cL 6cQ UNDER INSTRUMENT PANEL RIGHT	E14.D88,H88		M 437 COMFORT SEAT LEFT M 438 COMFORT SEAT RIGHT						
T12 10 DOOR PASSENGER'S SIDE	6cL 6cQ UNDER INSTRUMENT PANEL RIGHT 9eP 9eP UNDER THE SEAT LEFT	£43,£14,853		M 439 ELECTRIC CONVERTIBLE TOP						
T15 6 DME T16 14 DME	9eP 9eP UNDER THE SEAT LEFT 9eP 9eP UNDER THE SEAT LEFT	F45/46,855	7	M 454 CRUISE CONTROL						
T18 2 LICENSE PLATE LIGHTS	17dL 17dL TAIL LIGHTS RIGHT	04	•	M 513 LUMBAR SUPPORT SEAT RIGHT		1 2 3 4	5 6 7 8 9	10 11 12 13 14 15	16 17 18	
T19 2 DIL LEVEL GAGE	15cm 15cm in Engine Compartment right	E52		M 553 USA - CANADA VERSION		1 2 3 4	30707	10 11 12 13 14 13	10 17 10	
T20 3 GLOVE BOX LAMP AIRBAG	6cL UNDER INSTRUMENT PANEL RIGHT	017 N76,013,010		M 562 AIRBAG M 573 AIR CONDITIONING SYSTEM					Q Q	
T21 10 TAILGATE T22 4 INSIDE LIGHTS, SUN ROOF	15cL 15cL IN ENGINE COMPARTMENT RIGHT 15bM 15bM BELOW THE PARCEL TRAY	H73,012		M 576 WITHOUT REAR FOG LIGHT		b				
T23 2 INSIDE LIGHTS CONVERTIBLE, TARGA	6cQ 6cQ UNDER INSTRUMENT PANEL LEFT	012		M 586 LUMBAR SUPPORT SEAT LEFT					[
T24 2 SIDE TURN SIGNAL LEFT	75Q 75Q IN LUGGAGE COMPARTMENT ON SIDE MEMBER			M 602 HIGH MOUNTED STOP LIGHT M 650 SUN RODF					+	
T25 2 SIDE TURN SIGNAL RIGHT T27 2 LUGGAGE COMPARTMENT LIGHT	7bl 7bl in Luggage compartment on side member 7bl 7bl in Luggage compartment on side member		-	M 659 ON-BOARD COMPUTER		d P	 	/ _/		
T27 2 LUGGAGE COMPARTMENT LIGHT T30 14 NO. 16 MOTOR	16cP 16cP CARRIER PLATE IN ENGINE COMPARTMENT	N/03,J27/28,048/49,B54				e				
T31 12 MOTOR, DME	16cP 16cP CARRIER PLATE IN ENGINE COMPARTMENT	0∕E47,B53								
T34 14 HEATER, AIR CONDITIONER	6cm 6cm in luggage compartment right	523/24	_							
T35 12 CONVERTIBLE TOP	12cL 12cL BEHIND SIDE PANEL COVERING 15bM 15bM BELOW THE PARCEL TRAY	K73/74 09.028								
T36 6 REAR WINDOW T38 7 No.4, FRONT LIGHTS	3cL 3cL IN WHEEL HOUSING FRONT RIGHT	C5/6								
T39 5 NO.4, FRONT LIGHTS	3cl 3cl in wheel housing front right	C6/7				K	100		K	
T40 30 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT LEFT	H124/125								
T41 12 AUTOMATIC TRANSMISSION	9eP 9eP UNDER THE SEAT LEFT	C/050,E127								
GROUND POINTS	ABBREVIATIONS					M			M	·
GROUND FOINTS						N			N	
CODE NOTE	POSITION IN VEHICLE CODE M	EANING	CODE MEANING							
	LEFT-HAND DRIVE		ON ON							
		OCK BRAKING SYSTEM NDITIONING SYSTEM	PIN PIN POT POTENTIOMETER			P			P	
GP I LUGGAGE COMPARTMENT, WHEEL HOUSING LEFT	2cP SS SPEED	SENSOR	PSD PORSCHE LIMITED S	SLIP DIFFERENTIAL		a			Q	
GP II LUGGAGE COMPARTMENT, WHEEL HOUSING RIGHT GP III ON FIREWALL	DEF DEFRO	<u>ST</u>	RDK TIRE PRESSURE CO			R			R	
GP IV GROUND FOR POWER CONSUMERS, UNDER SEAT LEFT	11eP ESO ENGIN	-SPEED SENSOR OUTPUT	ROW REST OF WORLD RHD RIGHT-HAND DRIVE							
GP V ELECTRONICS, UNDER SEAT LEFT	10oD	<u>L</u> Engine Electronics Ric Ignition System with Knock Control	RHD RIGHT-HAND DRIVE CL CLOSE			1 2 3 4	5 6 7 8 9	10 11 12 13 14 15	16 17 18	
GP VI CENTRAL ELECTRICS, ON SIDE MEMBER RIGHT	6bL FCII FREQU	ENCY CONVERTER UNIT	SA SAUDI ARABIA							
GP VII ANTENNA AMPLIFIER ON SIDE MEMBER LEFT GP VIII INSIDE LIGHT CONVERTIBLE, ROOF CENTRE FRONT	70L RA REAR	AXLE	CU CONTROL UNIT							
GP IX INSIDE LIGHT, ROOF RIGHT	11aL HF HIGH F	REQUENCY	WP WELD POINT HCS HEADLIGHT CLEANIN	NG CYCTEM						
GP IX INSIDE LIGHT, ROOF LEFT	11aP RR RFAR		HCS HEADLIGHT CLEANIN PL PLUG	NO OTO LET						
GP X BATTERY, LUGGAGE COMPARTMENT LEFT	3eP II INSTR	MENT CLUSTER	DP DISCONNECTING POI	INT						
	14cM TE TERM		USA USA							
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY)	1 45c0 1		FA FRONT AXLE							
	15c0 SCS COMBI	NED STEERING COLUMN SWITCH								
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT	15c0 SCS COMBI 15c0 WL WIRIN 15cL LED LIGHT.	LOOM	FL FRONT LEFT FR FRONT RIGHT							
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XV INSTRUMENTS, SIDE MEMBER LEFT	15c0 SCS COMBI 15c0 WL WIRIN 15cL LED LIGHT. 7bQ LHD LEFT.		FL FRONT LEFT FR FRONT RIGHT CP CONNECTING POINT							
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XV INSTRUMENTS, SIDE MEMBER LEFT GP XVI COMBINED LEAD REAR LEFT	15c0 SCS COMBI 15c0 WL WIRNI 15cL LED LIGHT- 7b0 LHD LEFT- 13dP GP GROUN	ELOOM EMITTING DIODE HAND DRIVE D POINT	FL FRONT LEFT FR FRONT RIGHT CP CONNECTING POINT WW WORLDWIDE							
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIII MOTOR LEFT GP XIV ENGINE COMPARTMENT REAR RIGHT GP XV INSTRUMENTS, SIDE MEMBER LEFT	15c0 SCS COMBI 15c0 WL WIRNI 15cL LED LIGHT- 7bQ LHD LEFT- 13dP GP GROUN 12dM LF LOW F	ELOOM EMITTING DIODE HAND DRIVE O POINT REQUENCY	FL FRONT LEFT FR FRONT RIGHT CP CONNECTING POINT WW WORLDWIDE CES CENTRAL ELECTRIC	2						
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIVI MOTOR LEFT GP XVV ENGINE COMPARTMENT REAR RIGHT GP XVV INSTRUMENTS, SIDE MEMBER LEFT GP XVI COMBINED LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XIX COMBINED LEAD FRONT LEFT	15c0 SCS COMBI 15c0 WL WIRNI 15cl LED LIGHT 13dP GP GROUN 12dM LF LOW F 4cM FOG FOG LI	EMITTING DIODE HAND DRIVE D POINT REQUENCY GHT	FL FRONT LEFT FR FRONT RIGHT CP CONNECTING POINT WW WORLDWIDE CES CENTRAL ELECTRIC ADL ADDITIONAL DRIVINI	SS G LIGHTS						
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIVI MOTOR LEFT GP XVV ENGINE COMPARTMENT REAR RIGHT GP XVV INSTRUMENTS, SIDE MEMBER LEFT GP XVI COMBINED LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XXX SEAT CROSS MEMBER, UNDER SEAT RIGHT	15c0 SCS COMBI 15c0 WL WIRNI 15cL LED LIGHT- 7bQ LHD LEFT- 13dP GP GROUN 12dM LF LOW F 4cM FOG FOG LI 4cP NO NUMBI	EMITTING DIODE HAND DRIVE D POINT REQUENCY GHT	FL FRONT LEFT FR FRONT RIGHT CP CONNECTING POINT WW WORLDWIDE CES CENTRAL ELECTRIC ADL ADDITIONAL DRIVING	SS G LIGHTS						
GP XI GROUND STRAP (STARTER, TRANSMISSION, ENGINE, BODY) GP XII ENGINE COMPARTMENT REAR LEFT GP XIVI MOTOR LEFT GP XVV ENGINE COMPARTMENT REAR RIGHT GP XVV INSTRUMENTS, SIDE MEMBER LEFT GP XVI COMBINED LEAD REAR LEFT GP XVII COMBINED LEAD REAR RIGHT GP XVIII COMBINED LEAD FRONT RIGHT GP XIX COMBINED LEAD FRONT LEFT	15c0 SCS COMBI 15c0 WL WIRNI 15cL LED LIGHT 13dP GP GROUN 12dM LF LOW F 4cM F0G F0G LI 4cP NO NUMBI 8eL RFL REAR	; LOOM EMITTING DIODE HAND DRIVE D POINT REQUENCY GHT R	FL FRONT LEFT FR FRONT RIGHT CP CONNECTING POINT WW WORLDWIDE CES CENTRAL ELECTRIC ADL ADDITIONAL DRIVINI	SS G LIGHTS						

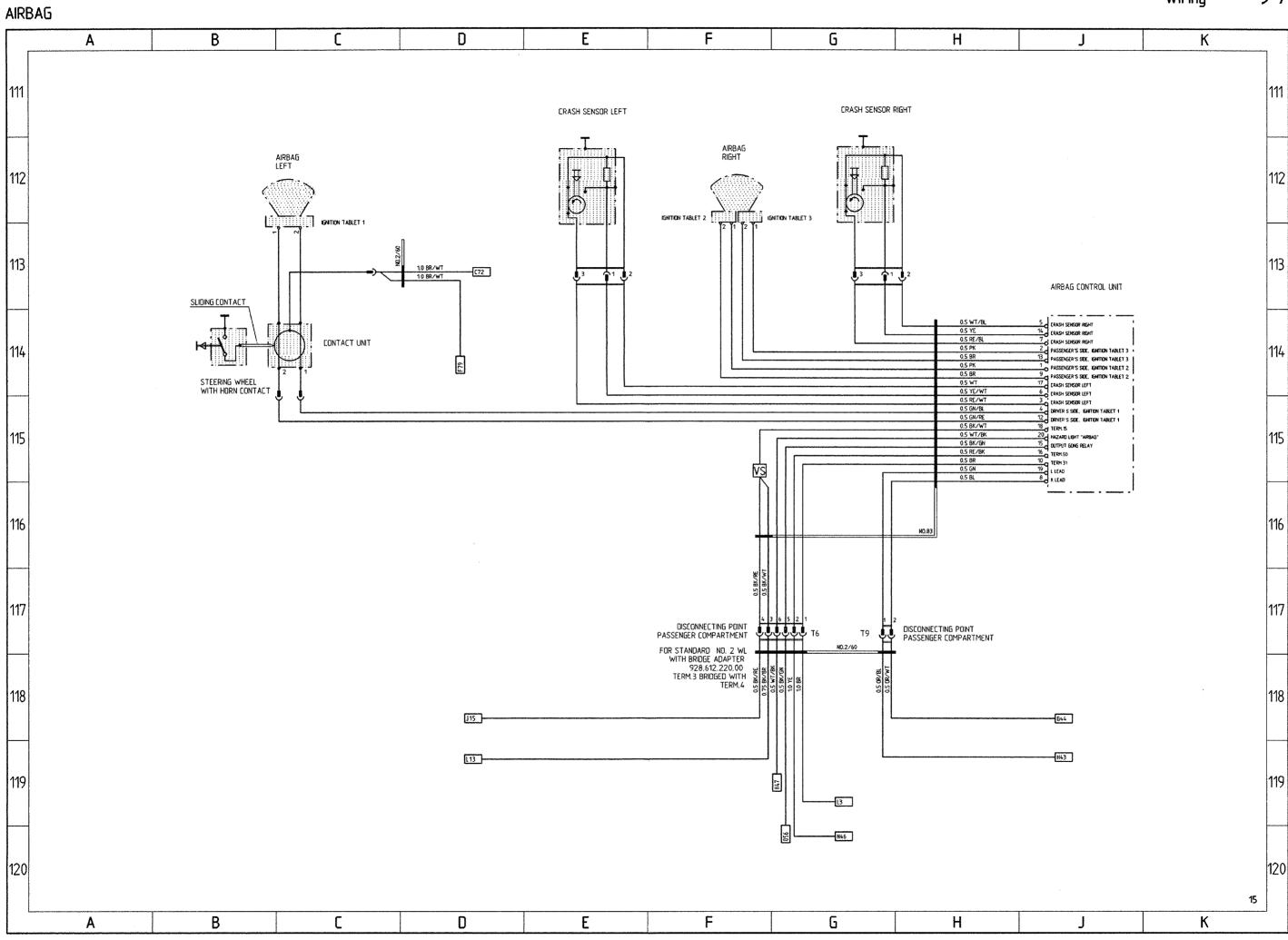
97

ADDITIONAL WIRING DIAGRAM TRAILER COUPLING



RE = RED

BL = BLUE

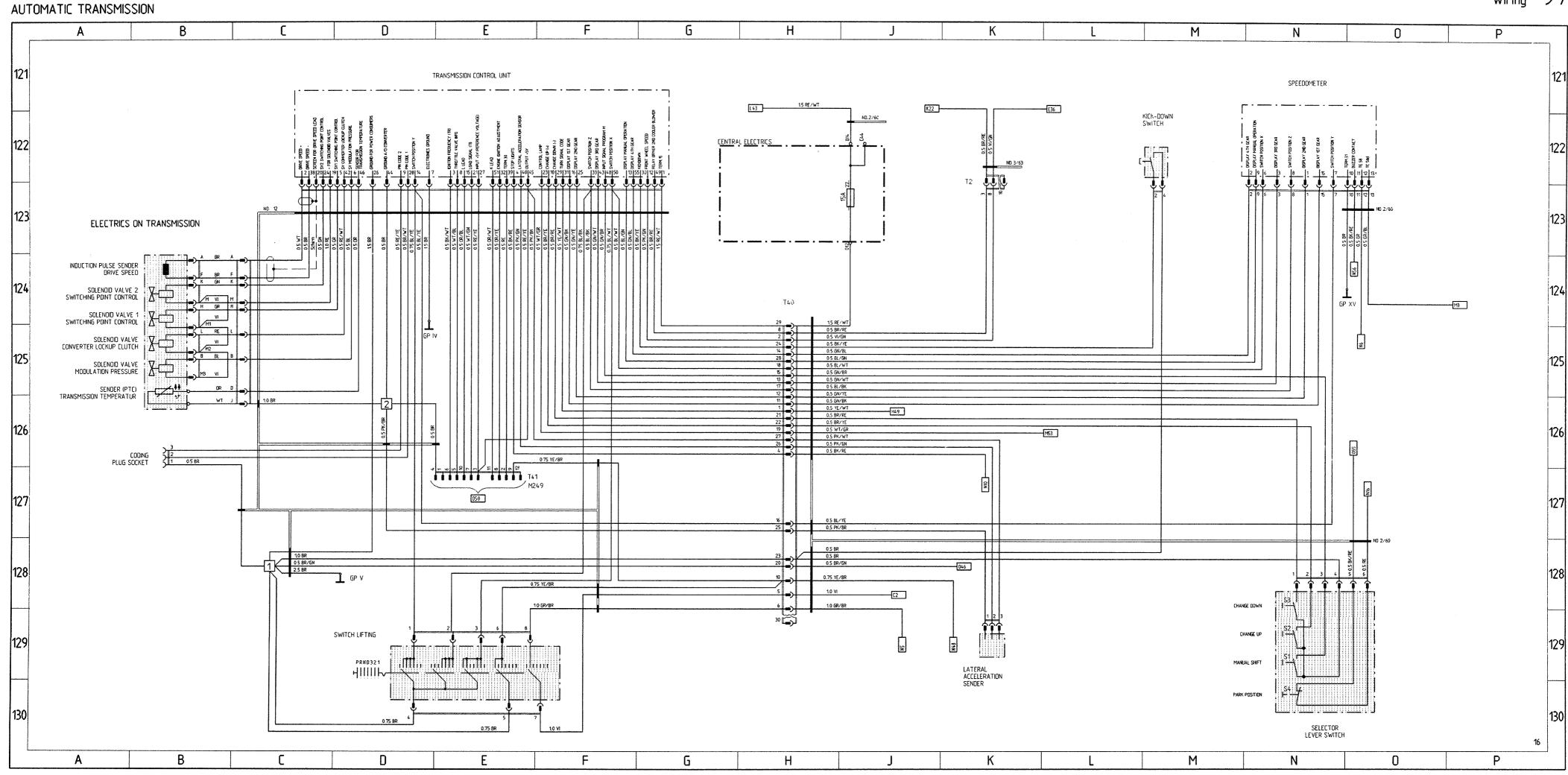


GN = GREEN

VI = VIOLET

DR = DRANGE

Wiring Diagram 97-105



97-105

BK = BLACK

Changes to the circuit diagram for the 911 Carrera 2/4, models 89, 90

Sheet 5, D 50

Within the update, ground points for the DME control unit were marked incorrectly. 2.5 mm² lead, brown, to ground point XXI. 1.5 mm² lead, brown, to ground point XXII.

Changes to the circuit diagram for the 911 Carrera 2/4 models 90, 91

Sheet 8, O/P 71/72 and L/M 79

The zero travel, convertible top operation, top left-hand, top right-hand microswitches are drawn in the "open" position in the wiring diagrams. They are designed as normally closed switches, however; refer to model 92.

Please alter the circuit diagrams accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 92

		Coordinates	
Sheet	1	1 - 10	Lights
Sheet	2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator, Inside Lights
Sheet	3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet	4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet	4a	31 - 40	ABS (Carrera 2)
Sheet	4b		ABS Turbo look (Carrera 2)
Sheet	5	41 - 50	Motor, Ignition, Cruise Control
Sheet	6	51 - 60	Instruments, Sender, Central Informer, On- board computer
Sheet	7	61 - 70	Seats
Sheet	8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet	9	81 - 90	Radio, Telephone
Sheet ⁻	10	91 - 100	Fog Light, Rear Fog Light
Sheet ⁻	11		Central Electric
Sheet ²	12		Construction Components
Sheet ⁻	13		Plug Connections, Ground Points, M-Numbers, Abbreviations
Sheet ⁻	14	101 - 110	Trailer Coupling
Sheet ⁻	15	111 - 120	Airbag
Sheet	16	121 - 130	Tiptronic (Carrera 2)
Sheet 1	17	131 - 140	911 Carrera RS

Wiring Diagram Type 911 Carrera 2 and 4 Model 92

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 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors 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".

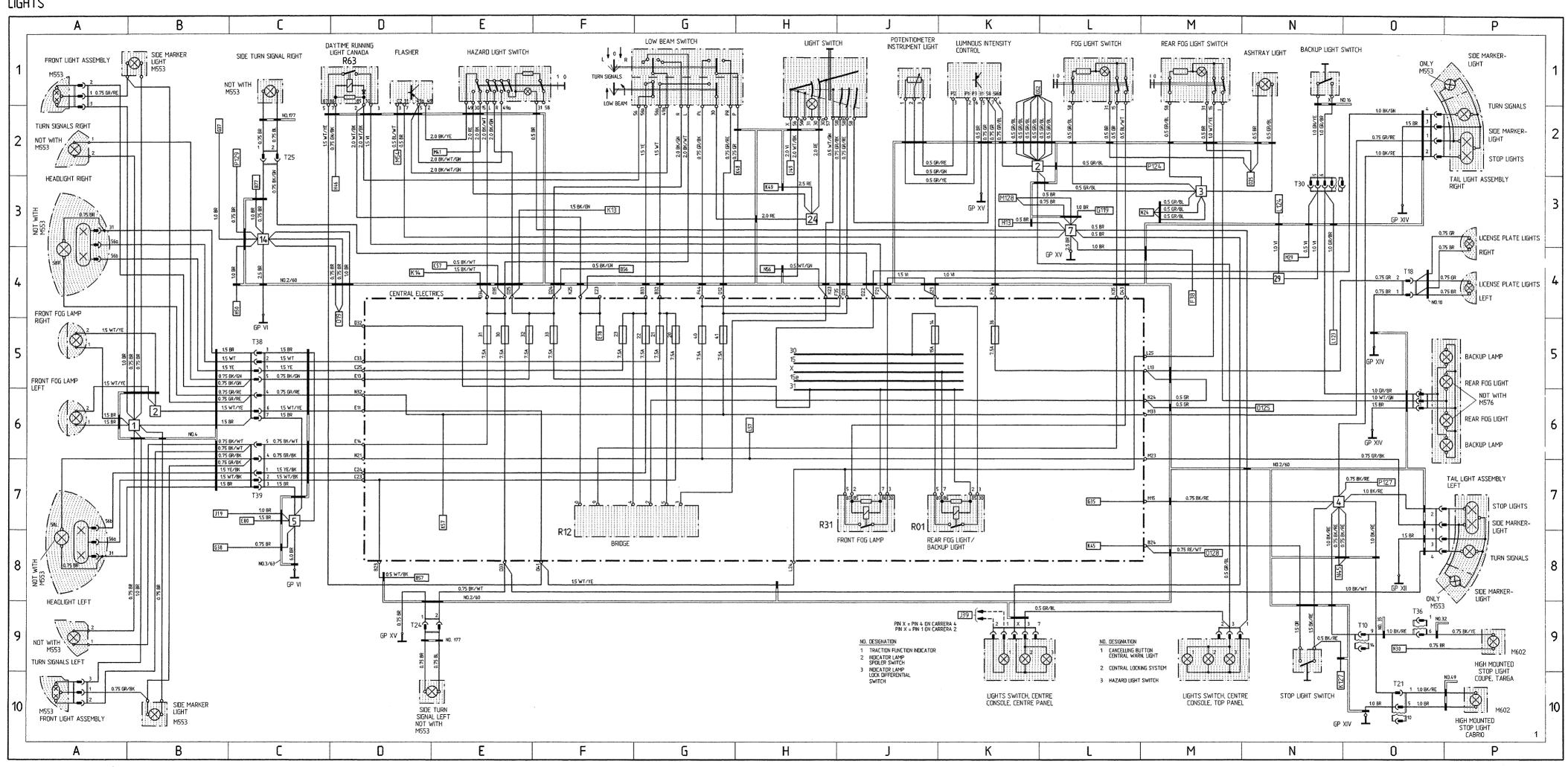
The 10-pin connectors only contents one "module element".

Start- and module elements are identified by the numbers 1....5.

Part 5 ist a "coding element".

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

WIRING DIAGRAMM 97-111

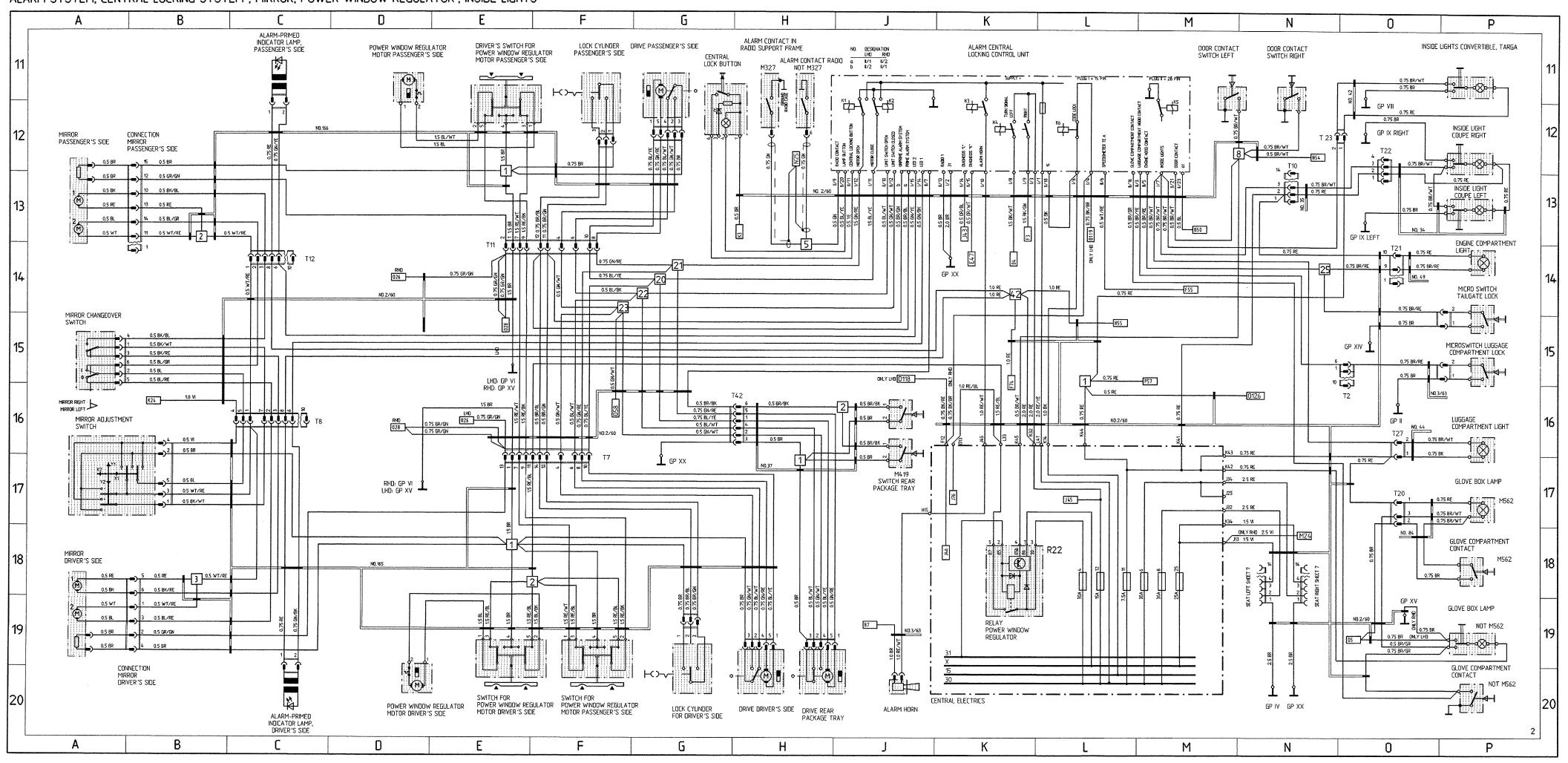


WIRING DIAGRAMM 97-113

ALARM SYSTEM, CENTRAL LOCKING SYSTEM, MIRROR, POWER WINDOW REGULATOR, INSIDE LIGHTS

97-113

BK = BLACK

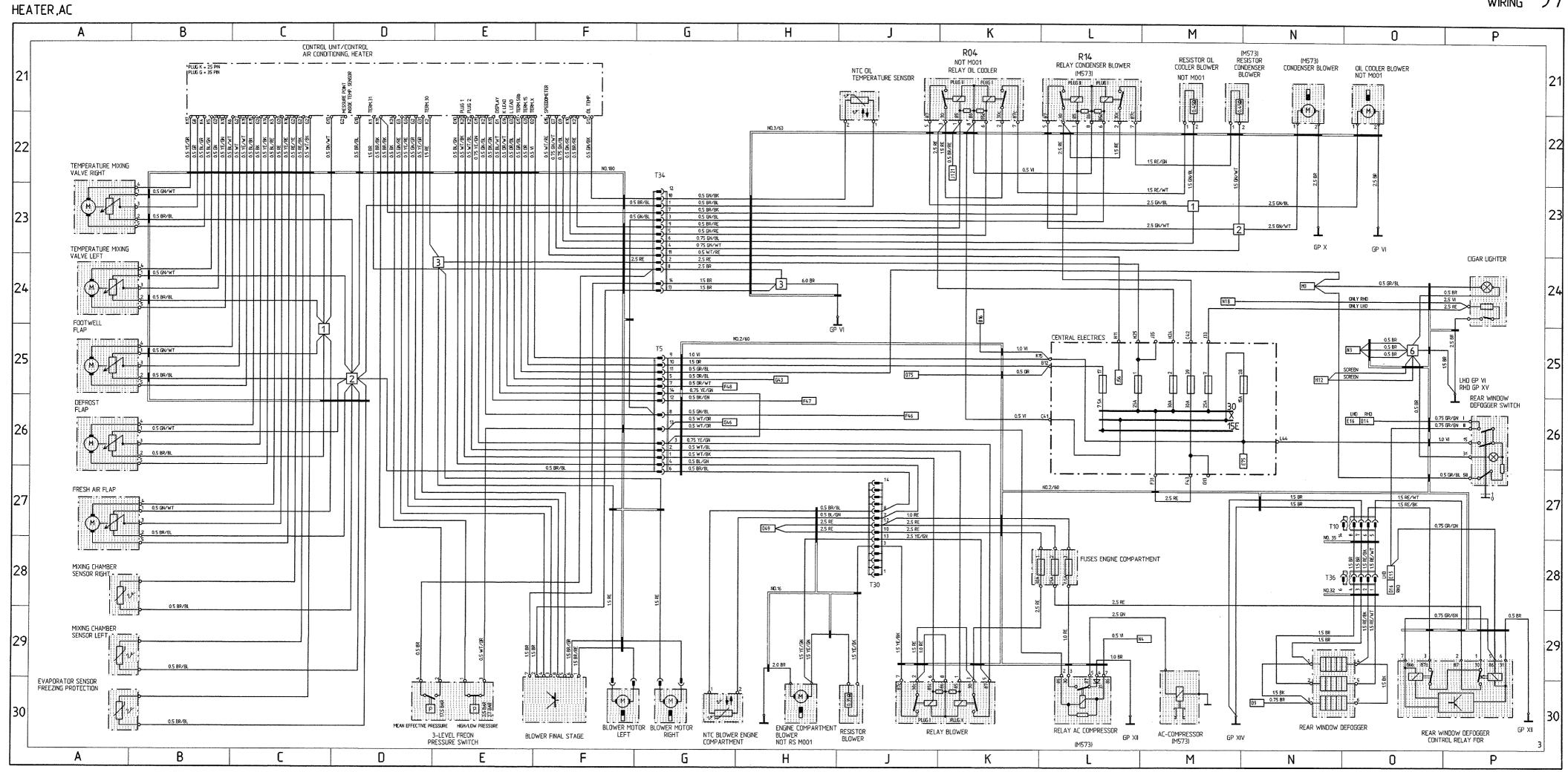


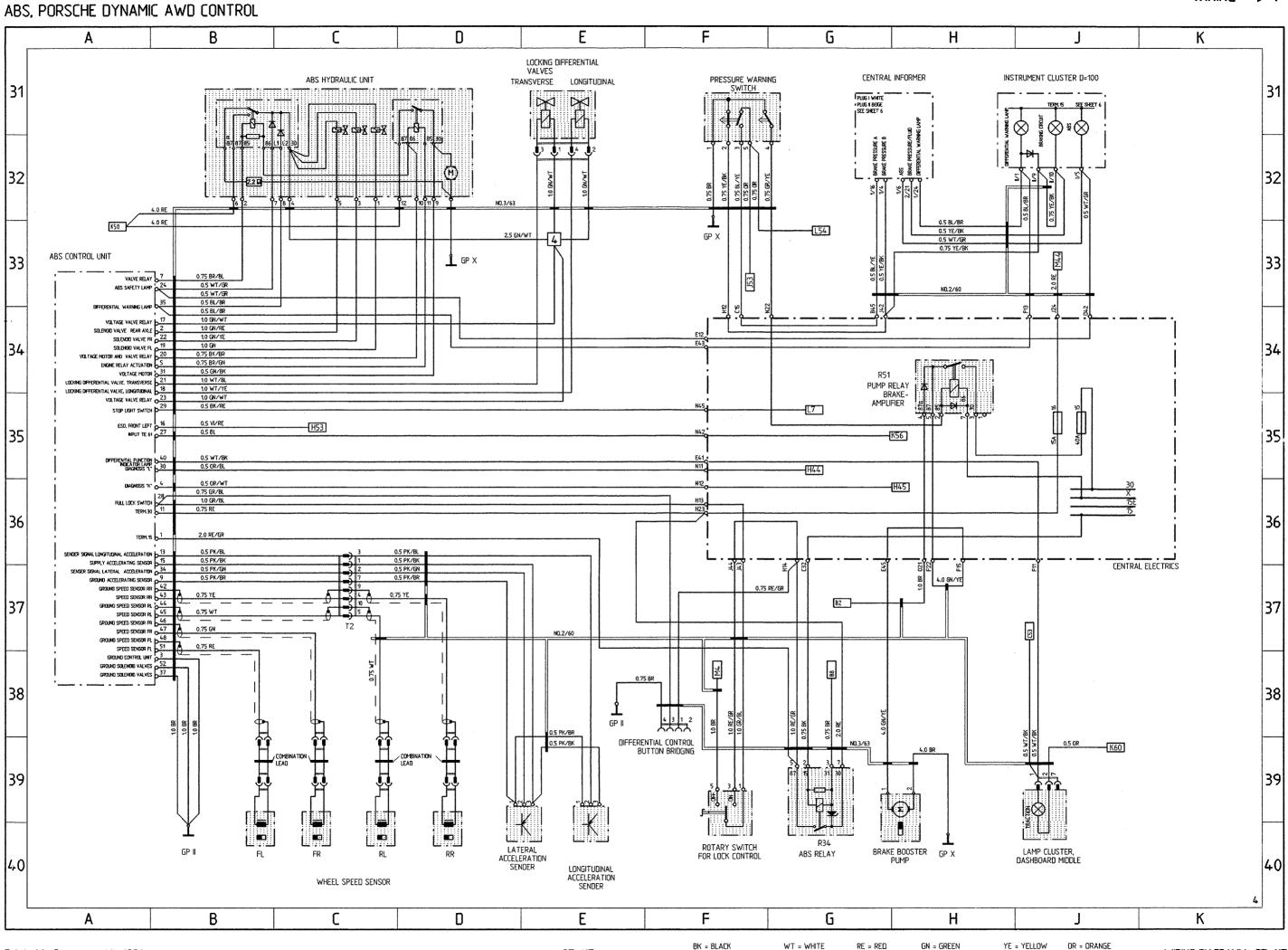
97-115

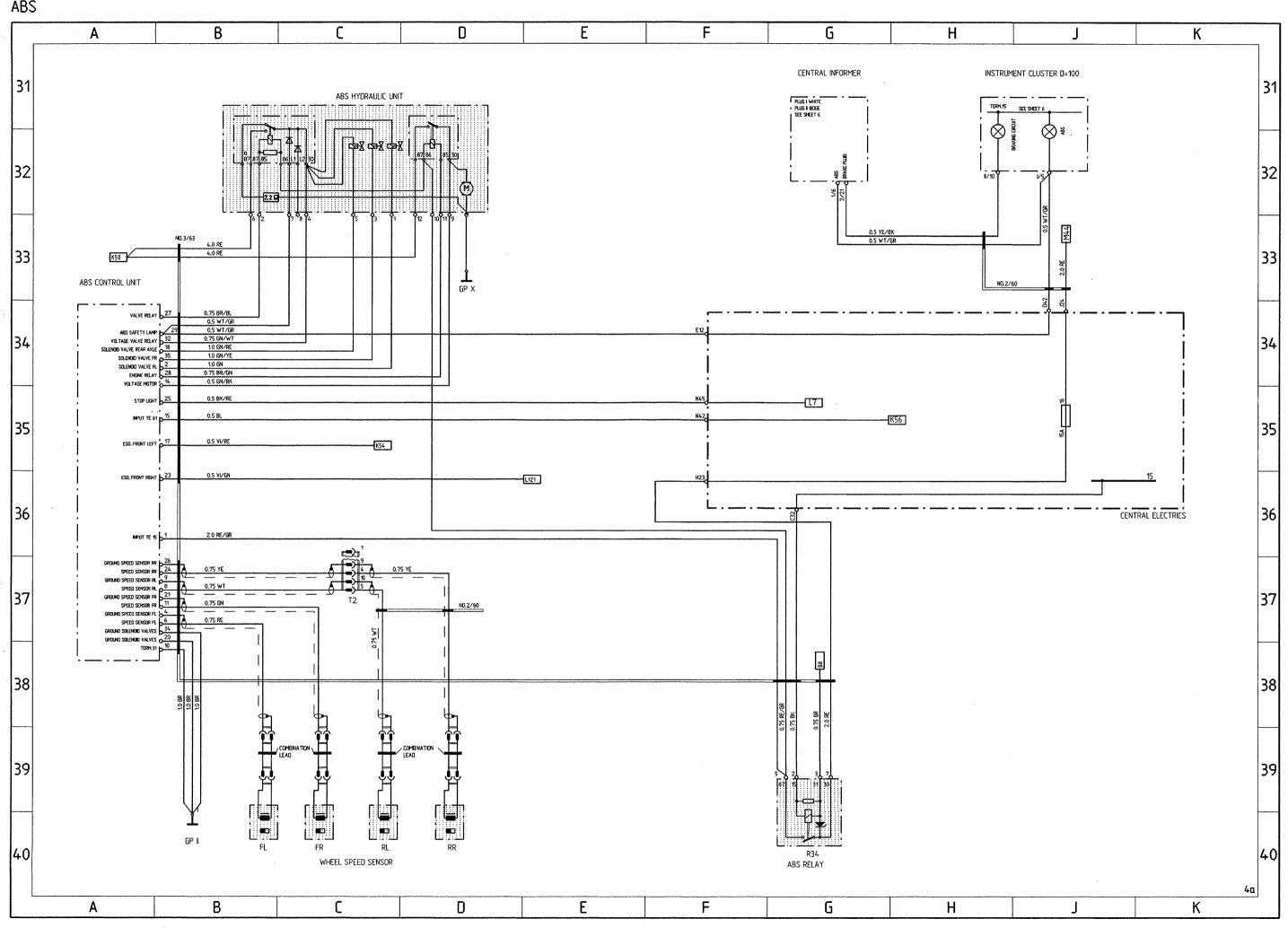
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WIRING DIAGRAMM 97-115



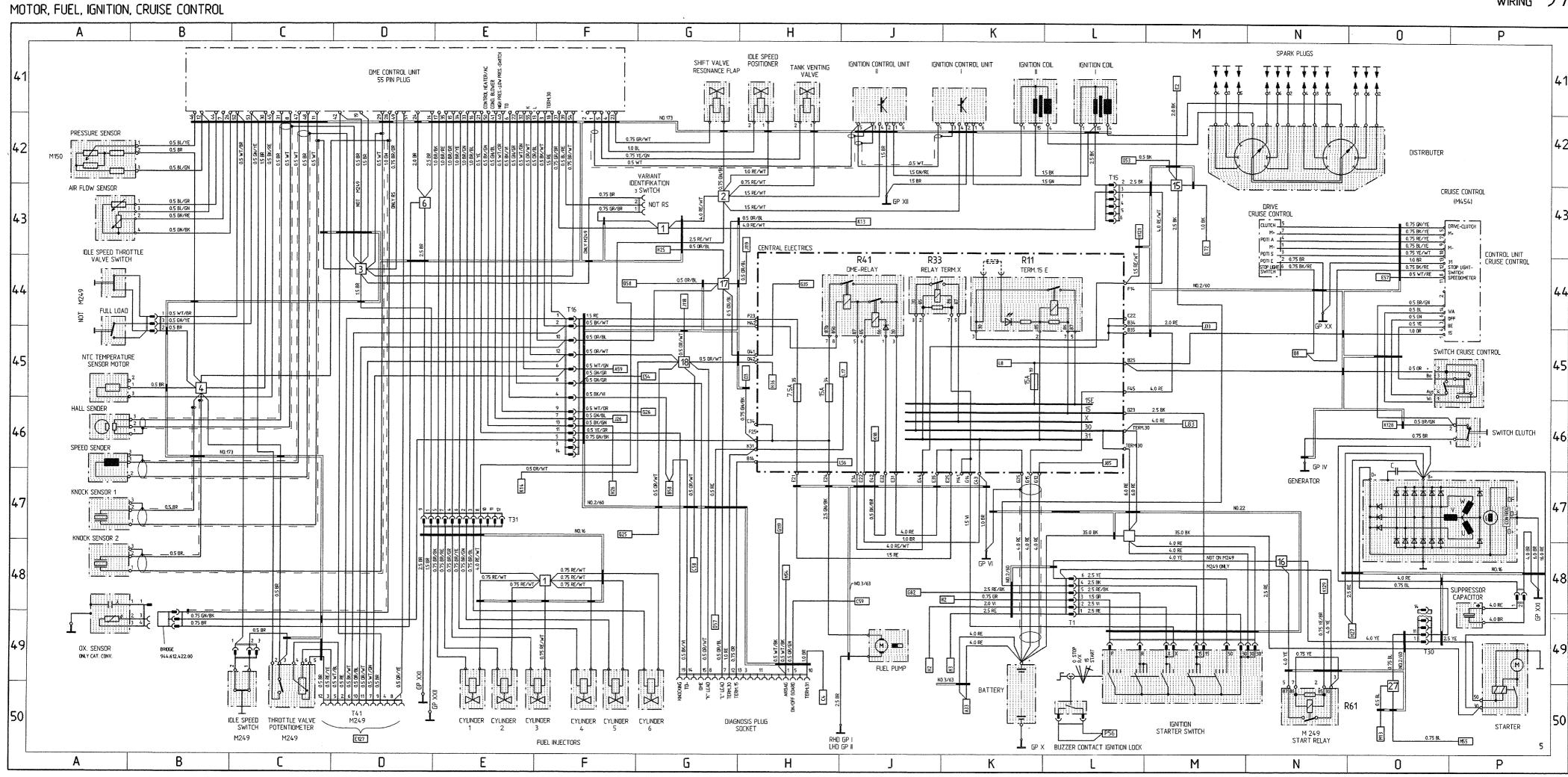




97

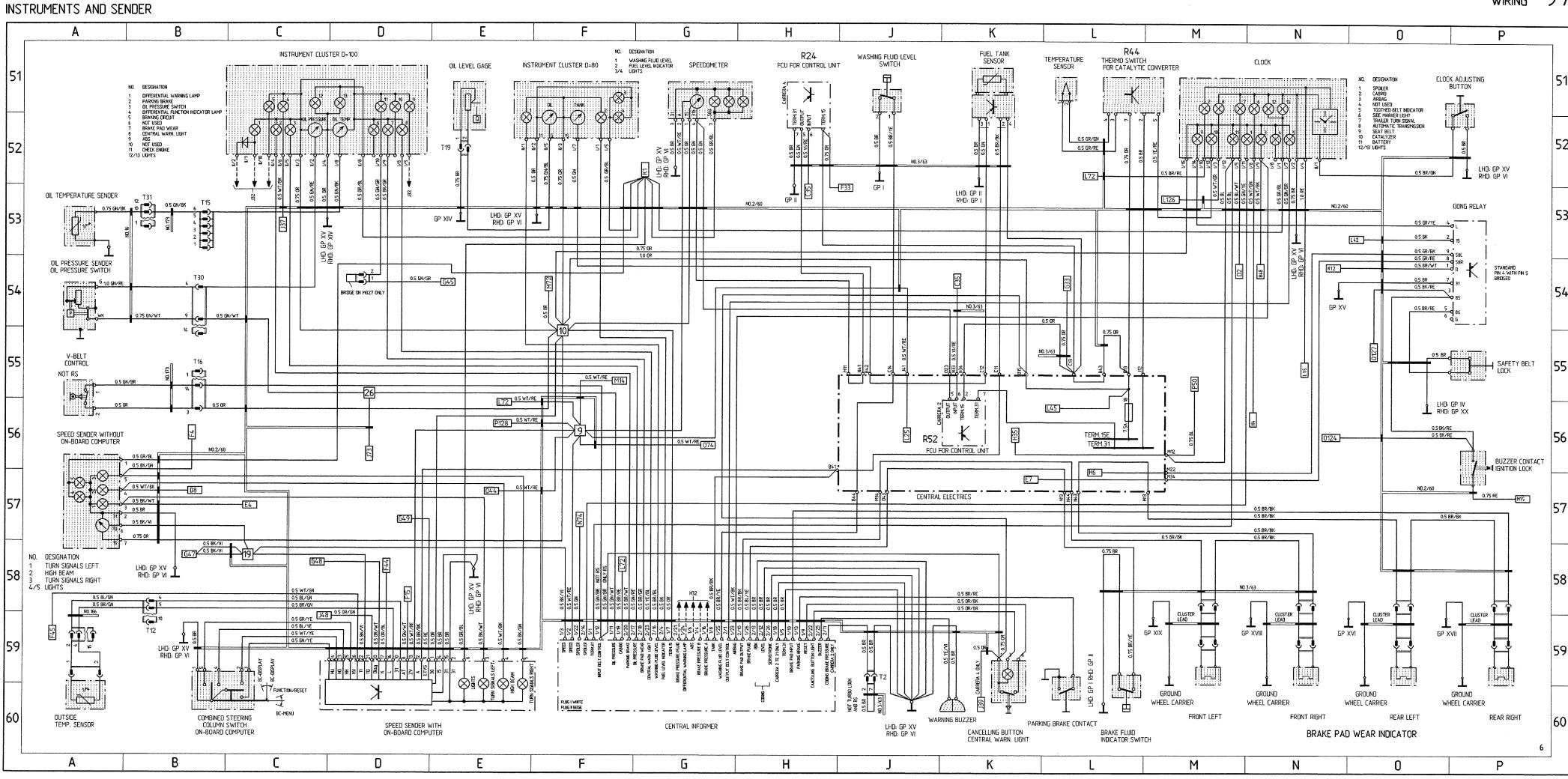
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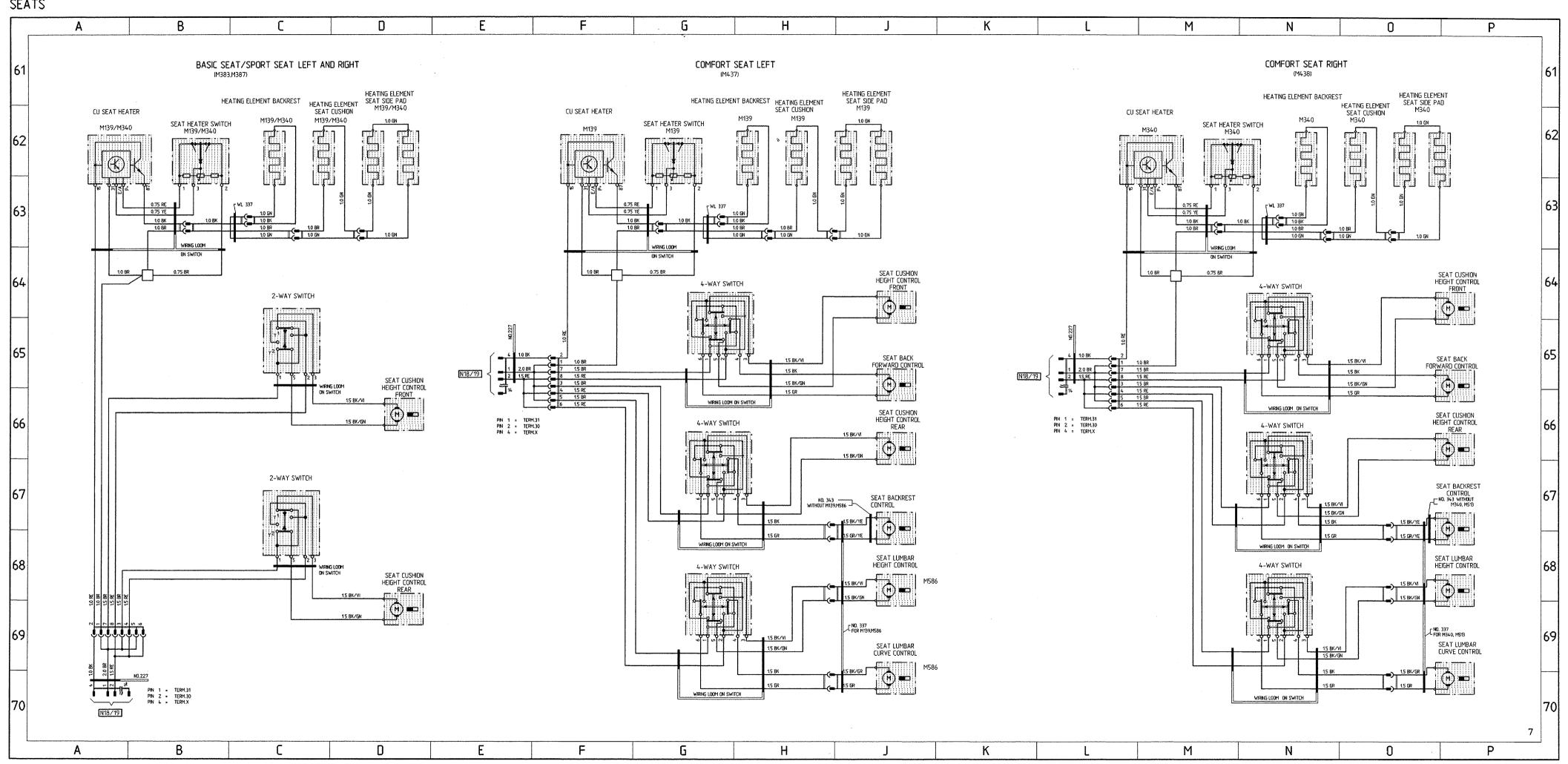
WIRING DIAGRAMM 97-123



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WIRING DIAGRAMM 97-125





REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP Α Μ 0 REAR WINDOW WIPER (M425) REAR WINDOW WIPER RELAY REAR WINDOW WIPER MOTOR REAR WINDOW WIPER BUTTON WIPER MOTOR CONTROL UNIT CONVERTIBLE TOP CONVERTIBLE TOP SWITCH MOTOR TOP CONTROL LEFT MICRO SWITCH CONVERTIBLE TOP OPENED MOTOR TOP CONTROL RIGHT WIPE/WASH SWITCH LHD: GP XV RHD: GP VI GP XV LHD GP VI RHD GP XIV GP XIV ON M439 TE 3 WITH TE 5 BRIDGED M650 N26 J25 — WIPER INTERMITTENT CONTROL RELAY POTENTIOMETER FOR WIPING/WASHING LEFT HEATED SPRAY JET R43 HEAOLIGHT WASHING WINDSHIELD WASHING FLUID PUMP CENTRAL ELECTRICS HEADLIGHT WASHING CONNECTING POINT MOTOR TOP LOCK LEFT MICRO SWITCH ROOF LEFT MOTOR TOP LOCK RIGHT ROTARY SWITCH FOR REAR SPOILER MICRO SWITCH REAR MICRO SWITCH REAR SPOILER RETRACTED SPOLIER EXTENDED 80 CONNECTION WITH FIELD DATA TWO-TONE HORN CONVERTIBLE TOP GP GROUND POINT WL WIRING LOOM

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97-129

BK = BLAC

T = WHITE

RED GN =

E = YELLOW (

BR = BROW

IL = BLUE

PK = PINK

X = PINK OR = 0

WIRING DIAGRAMM 97-129

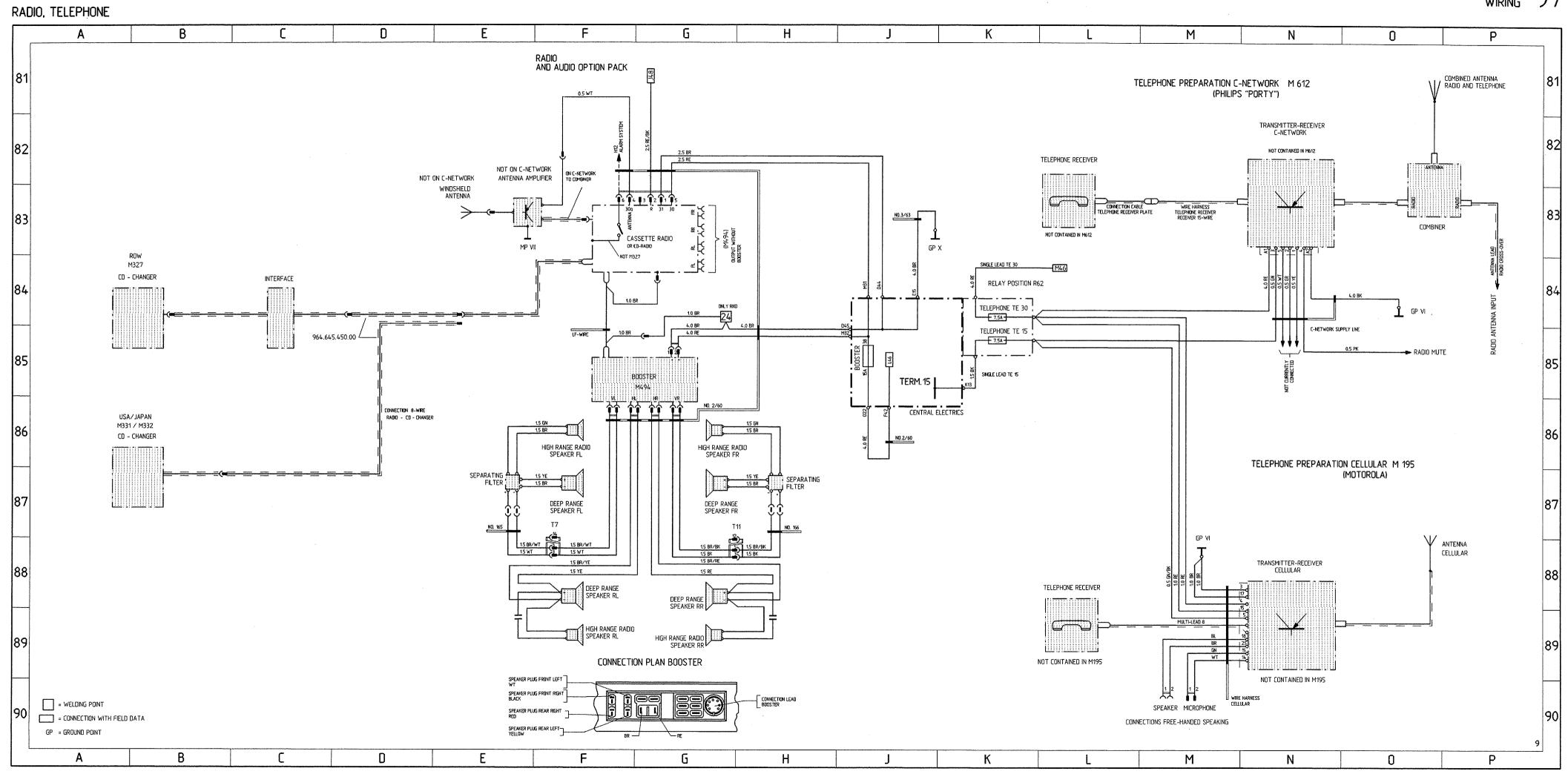
97-131

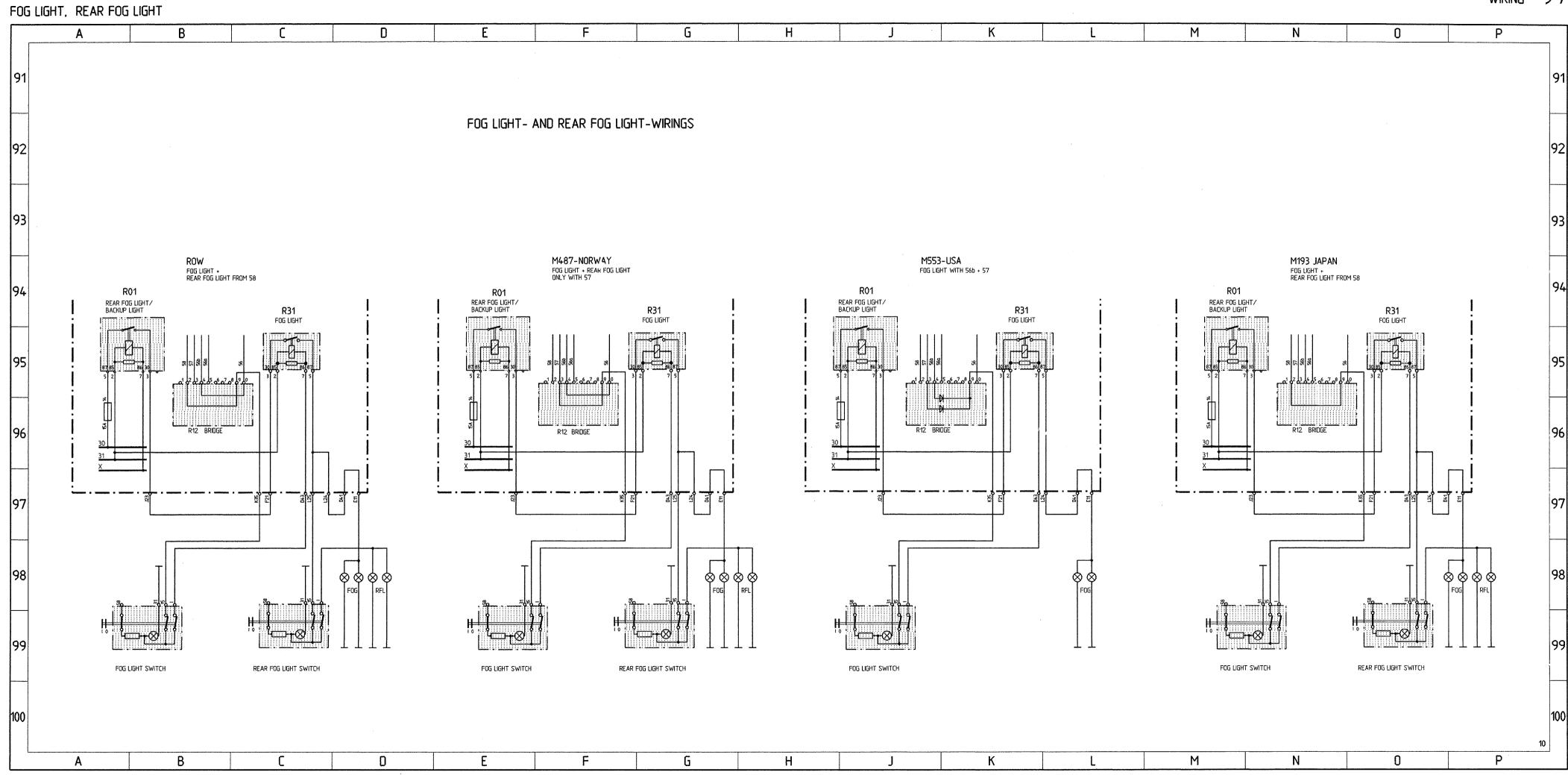
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WIRING DIAGRAMM 97-131

OR = ORANGE

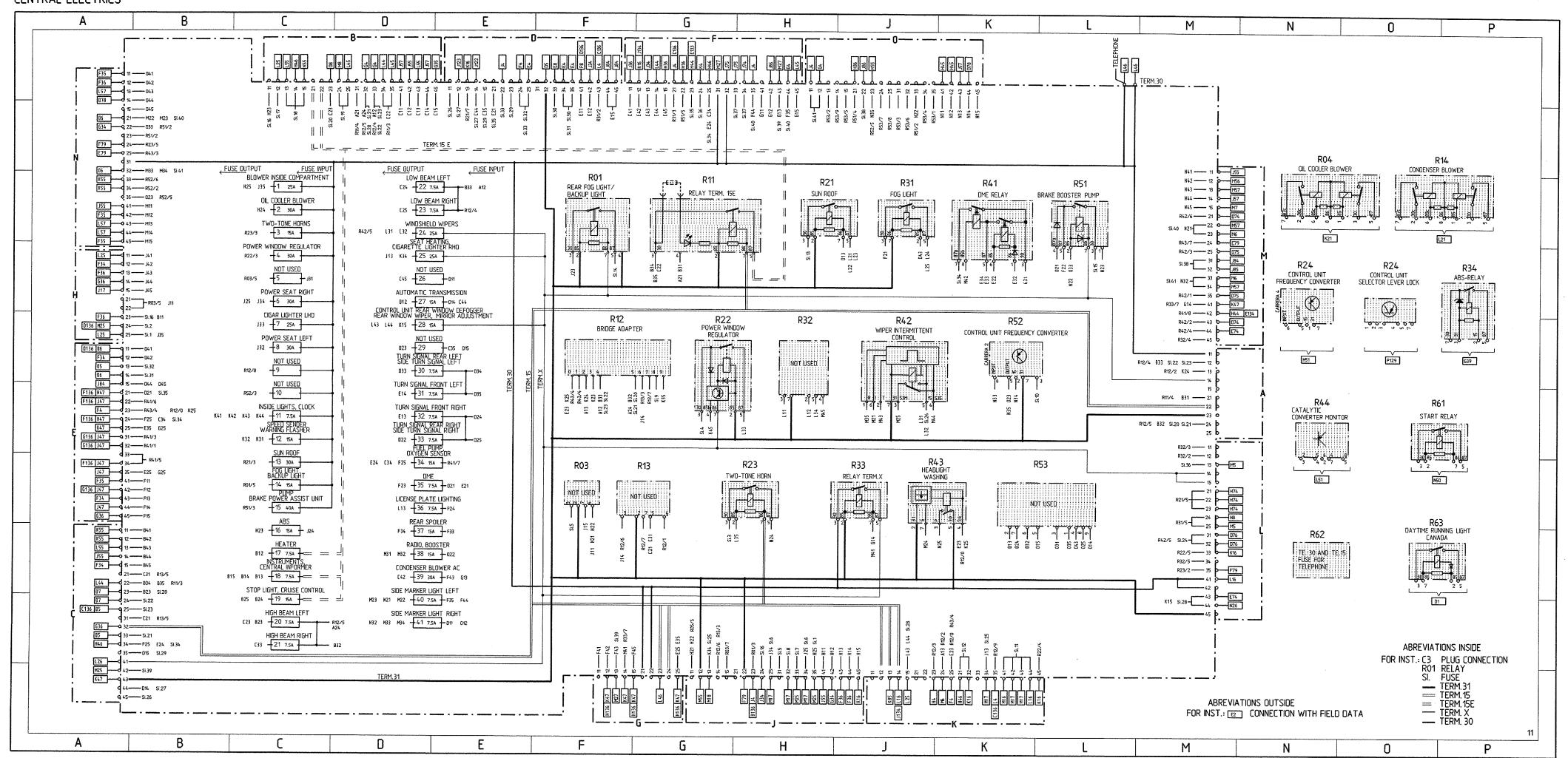




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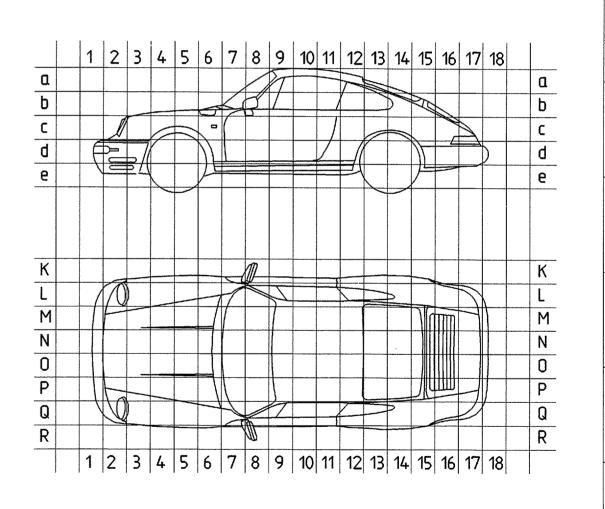
WIRING DIAGRAMM 97-135

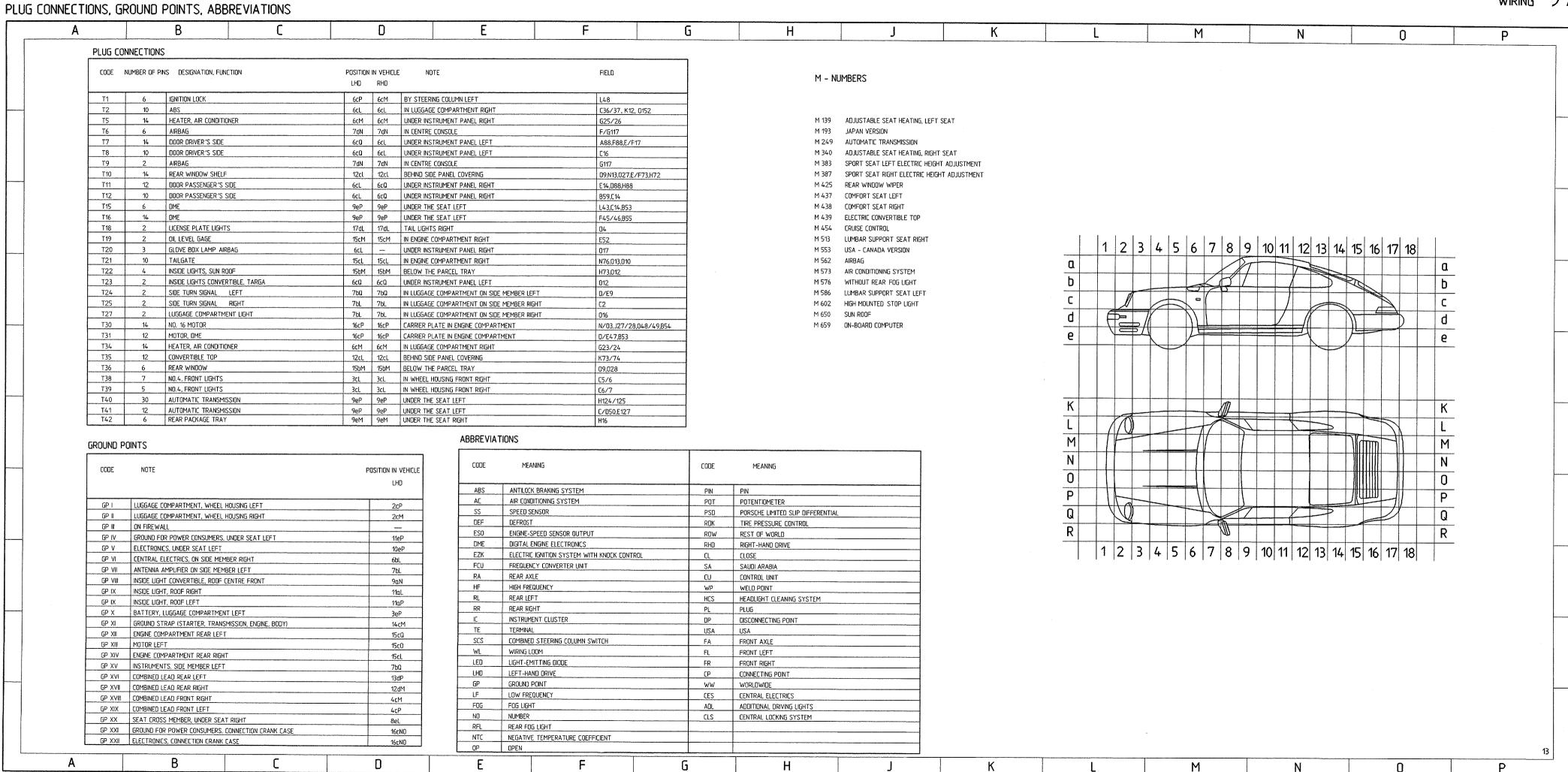


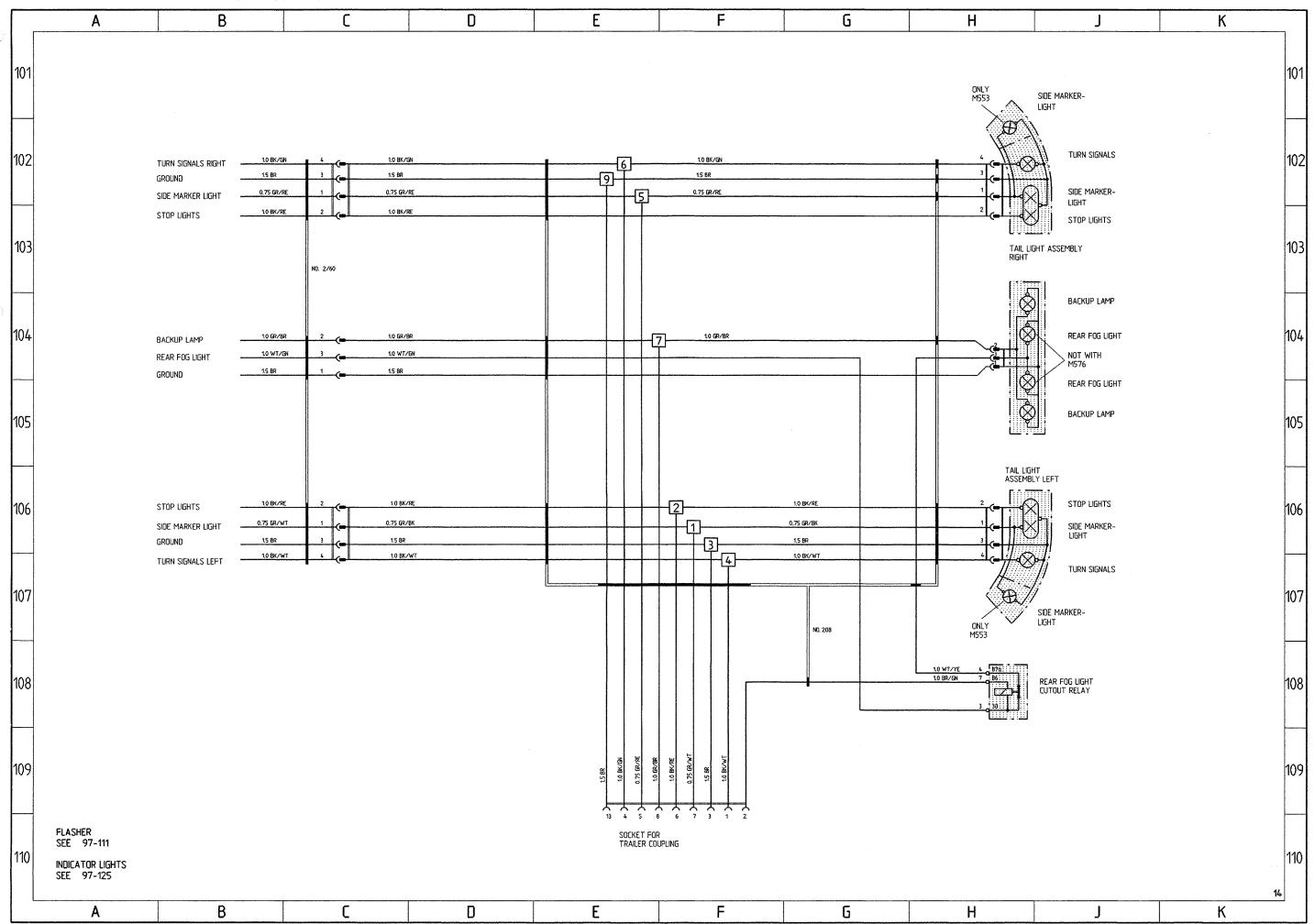
ISTRUCTIO	in compoi	NENTS																			AA 11 / 11 /	u //
А		В	С		D	E		F		G		1		J	K	L	N	1	N	0	Р	
COV	ISTRUCTION C	OMPONENTS													 							
	DESIGNATION	N, FUNCTION	Position in Vehicle	NOTE			FIELD IN WIRING DIAGRAMM		DESIGNATION, FL	INCTION	P(VE	SITION IN ICLE NO	OTE		FIELD IN WIRING D	AGRAMM						

DESIGNATION, FUNCTION	POSITI VEHICL		NOTE	field in Wiring Diagrami		
	LHD	RHD				
ABS RELAY	6cM	6cM	CENTRAL ELECTRICS	G39/40		
ALARM HORN	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	J20		
ANTENNA AMPLIFIER	7bL	7bQ	IN LUGGAGE COMPARTMENT	884,E84		
OUTSIDE TEMP. SENSOR	8bR	8bK	IN OUTSIDE MIRROW	860		
BATTERY MAIN SWITCH RS	2dN	2dN	IN LUGGAGE COMPARTMENT	H138/139		
FLASHER	7dN	7dN	IN CENTRE CONSOLE	D1		
BOOSTER	9eM	9eM	UNDER THE SEAT RIGHT	F/G85		
STOP LIGHT SWITCH	6dP	6dM	AT THE BRAKE PEDAL BELOW THE FLOOR PANEL	N9		
DIAGNOSIS CONNECTION	7cL	7cQ	IN PASSENGER'S FOOTWELL	G/H50		
DME RELAY	6cM	6сМ	CENTRAL ELECTRICS	J44		
DME CONTROL UNIT	9eP	9eP	UNDER THE SEAT LEFT	B-F41		
Speed Sender	15cP	15cP	BY ENGINE LEFT	A47		
THROTTLE VALVE POTENTIOMETER, AUTOM, TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	C50		
THROTTLE VALVE SWITCH, MANUAL TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	A44/45		
PRESSURE SENSOR	10eP	10eP	UNDER THE SEAT LEFT	A42		
PRESSURE WARNING SWITCH	1d0	1d0	IN LUGGAGE COMPARTMENT	F31		
PRESSURE SWITCH AIR CONDITIONING SYSTEM	6b0		IN LUGGAGE COMPARTMENT	E30		
TWO-TONE HORN I	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	F80		
TWO-TONE HORN II	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	G80		
SEPARATING FILTER FL	9dQ	9dQ	UNDER THE DOOR TRIM PANEL	E87		
SEPARATING FILTER FR	9dL	9dL	UNDER THE DOOR TRIM PANEL	H87		
Crash Sensor Right	4cM		IN LUGGAGE COMPARTMENT	G112/113		
CRASH SENSOR LEFT	4cP		IN LUGGAGE COMPARTMENT	F112/113		
BLOWER FINAL STAGE	6bN	6bN	IN LUGGAGE COMPARTMENT	F30		
BLOWER ENGINE COMPARTMENT	16c0	16c0	ON ENGINE	H30		
BLOWER MOTOR RIGHT	6cM	6cM	IN LUGGAGE COMPARTMENT	G30		
BLOWER MOTOR LEFT	6cP	6cP	IN LUGGAGE COMPARTMENT	F30		
GONG RELAY	6cP		BY STEERING COLUMN LEFT	P53/54		
HALL SENDER	17:0	17c0	ON DISTRIBUTOR	A46		
REAR WINDOW WIPER RELAY	15b0	15b0	ON REAR WINDOW WIPER MOTOR	E71		
HYDRAULIC UNIT ABS	3dP	3dP	IN LUGGAGE COMPARTMENT	C32		
V-BELT CONTROL	17d0	17d0	ON ENGINE	A55/56		
MAP ALTERATION-SWITCH	9eP	9eP	UNDER THE SEAT LEFT	642		
KICK-DOWN SWITCH	6d0 45c0	6dM	BY ACCELERATOR PEDAL UNDER FLOOR PANEL	M122		
KNOCK SENSOR 1	15cP	15cP	BY ENGINE LEFT	A47		
KNOCK SENSOR 2	16cN 2dQ	16cN	BY ENGINE TOP	A48		
CONDENSER BLOWER FUEL PUMP		2dQ	IN WHEEL HOUSING FRONT LEFT	N21 J49		
CLUTCH SWITCH CRUISE CONTROL	6eM 6dP	6eP 6dN	BEHIND THE BASE BY CLUTCH PEDAL UNDER FLOOR PANEL	P46		
LONGITUDINAL ACCELERATION SENDER	7dN	7dN	IN CENTRE CONSOLE	E40		
LOCKING DIFFERENTIAL VALVES LONGIT, AND TRANSVERSE	3dM	3dM	IN LUGGAGE COMPARTMENT	E31		
DLE SPEED SWITCH AUTOMATIC TRANSMISSION	15bN	15bN	ON ENGINE	C50		
DLE SPEED POSITIONER	15bN	15bN	ENGINE COMPARTMENT	H41		
AIR FLOW SENSOR	16b0	16b0	ON ENGINE	A43		
MICRO SWITCH ROOF RIGHT	9aN		AT CONVERTIBLE TOP FRAME	M79		
MICRO SWITCH ROOF LEFT	900	900	AT CONVERTIBLE TOP FRAME	L79		
MICRO SWITCH REAR SPOLIER EXTENDED	16bP	16bP	ON TAILGATE	079		
MICRO SWITCH REAR SPOILER RETRACTED	16bP	16bP	ON TAILGATE	079		
MICRO SWITCH TDC	12cL	12cL	BEHIND SIDE PANEL COVERING	071		
MICROSWITCH FOR TOP CONTROL	12cL	12cL	BEHIND SIDE PANEL COVERING	P71		
10TOR SUN ROOF	12aN	12aN	IN ROOF	G73		
10TOR TOP CONTROL RIGHT	15cN	15cN	BEHIND REAR SEAT	N71		
10TOR TOP CONTROL LEFT	15c0	15c0	BEHIND REAR SEAT	M71		
10TOR TOP LOCK RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	K/L79		
10TOR TOP LOCK LEFT	9α0	900	AT CONVERTIBLE TOP FRAME	J/K79		
REAR FOG LIGHT CUTOUT RELAY	17dN	17dN	BEHIND REAR PANEL	A108		
ITC HEATER FAN	16cP	16cP	ENGINE COMPARTMENT	G30		
DIL PRESSURE SENDER/SWITCH	14cN	14cN	ON ENGINE	A54		
DIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	021		
DIL LEVEL GAGE	12cK	12cK	IN WHEEL HOUSING REAR RIGHT	E51/52		

DESIGNATION, FUNCTION	POSITI VEHICL		NOTE	FIELD IN WIRING DIAGRAMM		
	LHD	RHD				
OIL TEMPERATURE SENDER FOR INSTRUMENT	14cN	14cN	ON ENGINE	A53		
OIL TEMPERATURE SENDER SENDER FOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	J21		
SWITCH LIFTING	12d0	12d0	ON GEARBOX	D-F129		
BRAKE BOOSTER PUMP	1d0	1d0	IN LUGGAGE COMPARTMENT	H39/40		
LATERAL ACCELERATION SENDER ABS	7dN	7dN	IN CENTRE CONSOLE	040		
LATERAL ACCELERATION SENDER AUTOMATIC TRANSMISSION	7dN	7dN	IN CENTRE CONSOLE	K129		
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30		
RELAY CONDENSER BLOWER	6cM	6сМ	CENTRAL ELECTRICS	L21		
RELAY AE COMPRESSOR	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L30		
RELAY TWO-TONE HORN	6cM	6cM	CENTRAL ELECTRICS	F78		
RELAY POWER WINDOW REGULATOR	6cM	6cM	CENTRAL ELECTRICS	K18/19		
RELAY FREQUENCY TRANSFORMER	6cM	6cM	CENTRAL ELECTRICS	K56/H51		
RELAY BLOWER ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	J/K30		
RELAY STARTER AUTOMATIC TRANSMISSION	6cM	6cM	CENTRAL ELECTRICS	N50		
RELAY BACKUP LIGHT	7bQ	7bQ	IN LUGGAGE COMPARTMENT LEFT	L122		
RELAY THERMO SWITCH CATALYTIC CONVERTER RELAY TERM.X	6cM	6cM	CENTRAL ELECTRICS	L/M51		
RELAY TERM:15 E	6cM	6cM	CENTRAL ELECTRICS	K44		
RELAY REAR FOG LIGHT-BACKUP LIGHT	6cM	6cM 6cM	CENTRAL ELECTRICS CENTRAL ELECTRICS	K/L44 J/K7		
RELAY FRONT FOG LAMP	6cM	6cM	CENTRAL ELECTRICS	J7 / /		
RELAY DIL COOLER BLOWER	6cM	6cM	CENTRAL ELECTRICS	K21		
RELAY BRAKE BOOSTER PUMP	6cM	6cM	CENTRAL ELECTRICS	H34/35		
RELAY SUN ROOF	6cM	6cM	CENTRAL ELECTRICS	H75		
RELAY DAYTIME RUNNING LIGHT CANADA	6cM	6cM	CENTRAL ELECTRICS	D1		
BACKUP LIGHT SWITCH	14dN	14dN	BY TRANSMISSION RIGHT	N1		
SHIFT VALVE RESONANCE FLAP	15bN	15bN	ON ENGINE	G41		
WINDSHIELD WASHING FLUID PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A78		
WINDSHIELD WASHING FLUID PUMP RS	4cM	4cQ	IN LUGGAGE COMPARTMENT	A78		
FUSES ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L28		
HEADLIGHT CLEANER PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A79/80		
HEADLIGHT CLEANER RELAY	6cM	6cM	CENTRAL ELECTRICS	E78		
STARTER	14dN	14dN	BY CLUTCH HOUSING RIGHT	P49/50		
DRIVE CRUISE CONTROL	15c0	15c0	ON ENGINE	N43/44		
CONTROL UNIT ABS	2dM	2dM	IN LUGGAGE COMPARTMENT	A33-38		
CONTROL UNIT AIRBAG	6c0		ON INTRUMENT PANEL	J114/115		
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	9eM	9eM	UNDER THE SEAT RIGHT	J-M12		
CONTROL UNIT AUTOMATIC TRANSMISSION	10dP	10 d P	UNDER THE SEAT LEFT	C-G122		
CONTROL UNIT CONVERTIBLE TOP	6cP	6cP	ON INTRUMENT PANEL	J/K71		
CONTROL UNIT INSTRUMENT LIGHT	7bQ	7bQ	IN LUGGAGE COMPARTMENT LEFT	K1		
CONTROL UNIT REAR SPOILER	6cM	6cP	INSIDE FIREWALL RIGHT/LEFT	P74-76		
CONTROL UNIT HEATING, AIR CONDITIONING	7c0	7cN	ON INTRUMENT PANEL	B-F21		
CONTROL UNIT SELECTOR LEVER LOCK	6cM	6cM	CENTRAL ELECTRICS	D/P129/130		
ONTROL UNIT CRUISE CONTROL BUZZER CONTACT	9eN 7cP	9eN	UNDER THE SEAT RIGHT	P43/44		
FUEL LEVEL SENDER	5cM	7cM 5cP	ON IGNITION LOCK	P56		
TANK VENTING VALVE	-		IN FUEL TANK	K51		
FEMPERATURE MOTOR	15cN 15cP	15cN 15cP	BY ENGINE TOP BY ENGINE LEFT	H41 A45		
/ARIANT IDENTIFIKATION SWITCH	9eP	9eP	UNDER THE SEAT LEFT	G43		
ESISTOR BLOWER	16dP	16dP	ENGINE COMPARTMENT	J30		
RESISTOR FOR BLOWER CONDENSER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	M21		
RESISTOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	M21		
VARNING BUZZER	7cP	7cP	ON INTRUMENT PANEL	K60		
WIPER INTERMITTENT CONTROL RELAY	6cM	6cM	CENTRAL ELECTRICS	F/G75		
ENTRAL ELECTRICS	6cM	6cM	IN LUGGAGE COMPARTMENT			
ENTRAL INFORMER	6cP	6cP	ON STEERING COLUMN	H32,F/G/H59		
GNITION CONTROL UNIT I	15cP	15cP	IN ENGINE COMPARTMENT LEFT	K41		
GNITION CONTROL UNIT II	15cP	15cP	IN ENGINE COMPARTMENT LEFT	J41		
GNITION COIL I	15cQ	15cQ	IN ENGINE COMPARTMENT LEFT	L41		
SNITION COIL II	15cQ	15cQ	IN ENGINE COMPARTMENT LEFT	K41 ·		

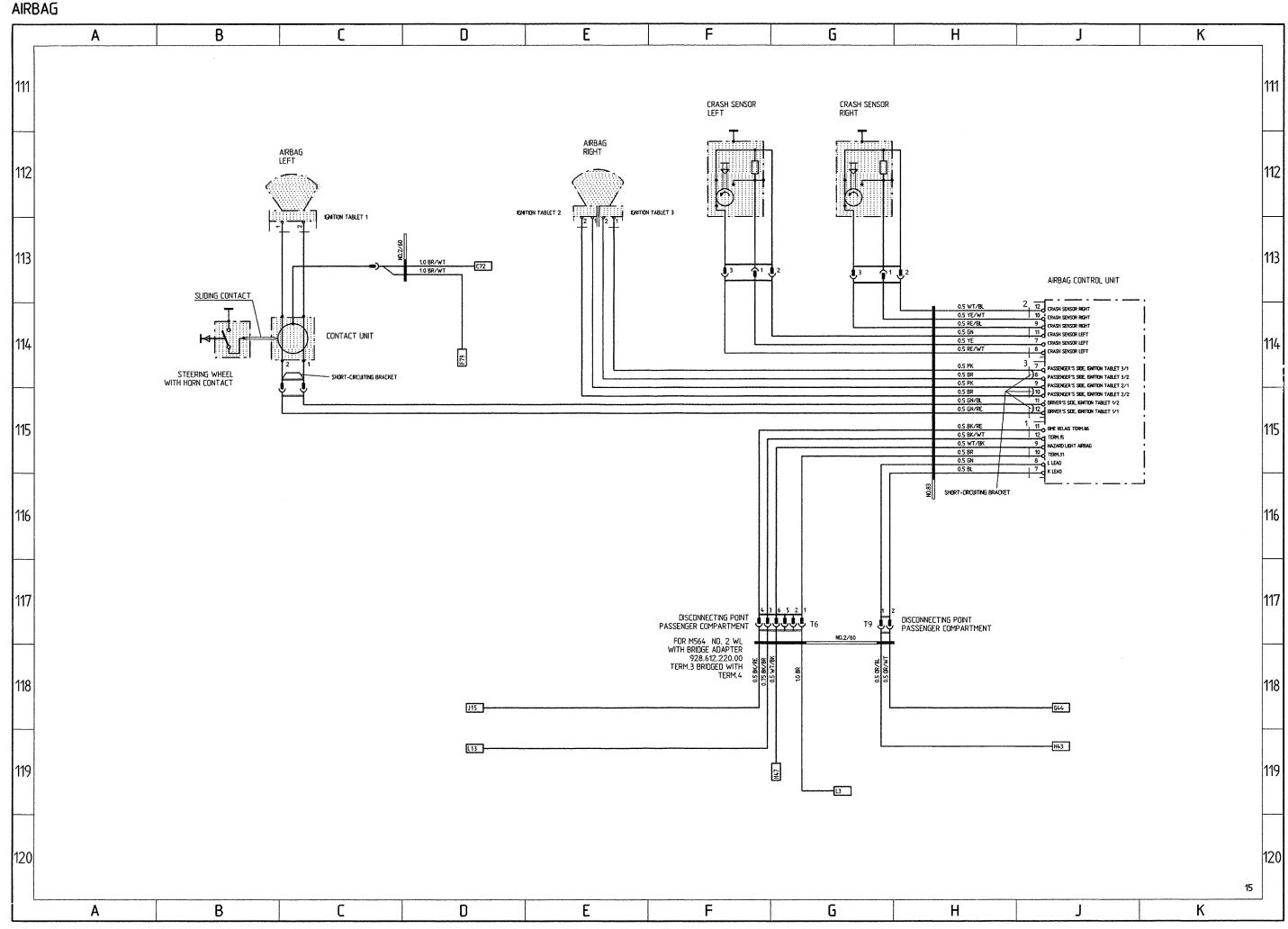


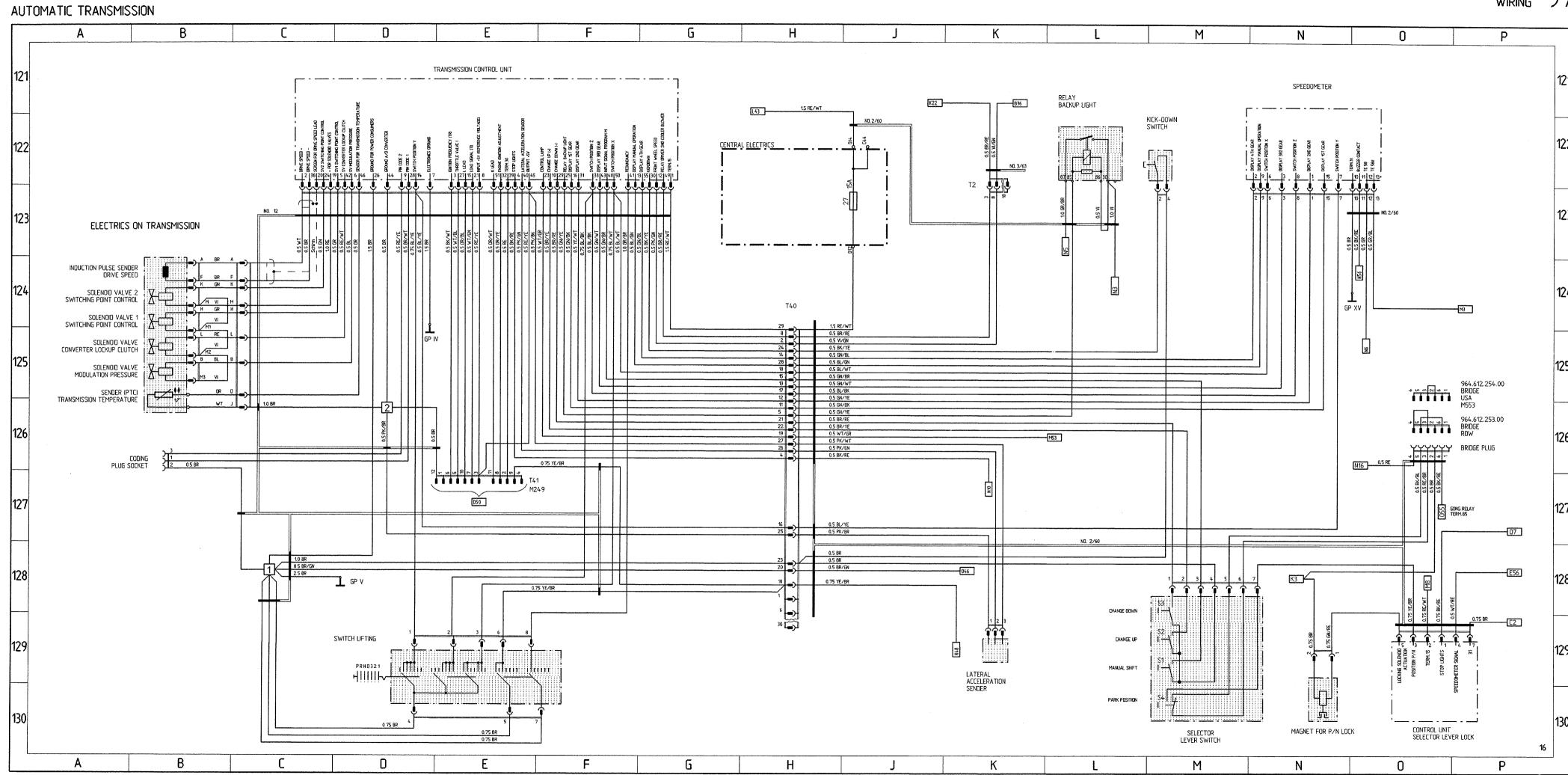




RE = REO

BL = BLUE





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97-145

BK = BLACK

WT = W

RE = RED

reen ye

GR = GREY

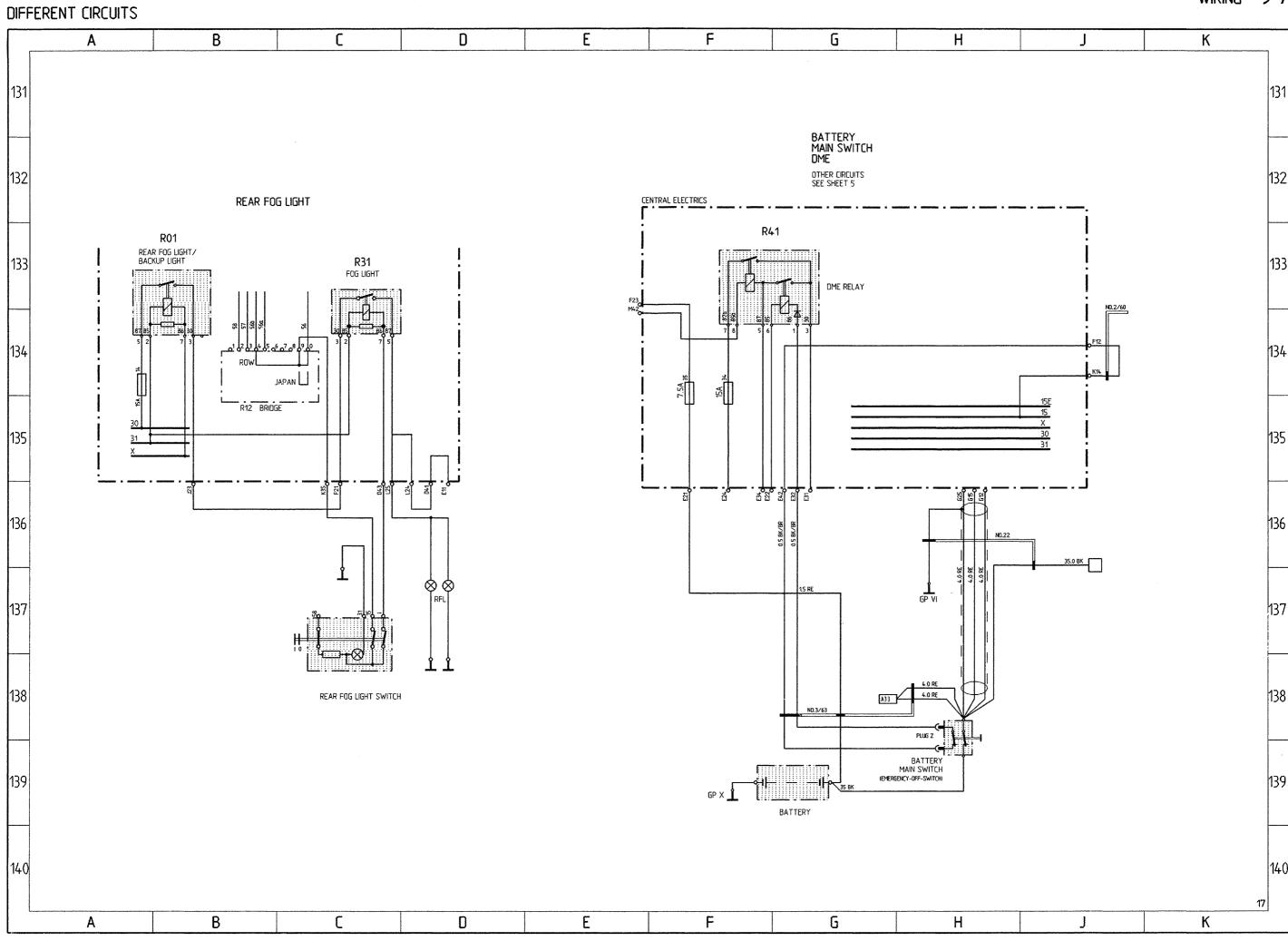
N BL = BL

= VIOLET

PK = PINK

OR = ORA

WIRING DIAGRAMM 97-145



GN = GREEN

VI = VIOLET

Changes to the circuit diagram for the 911 Carrera 2/4, model 92

Sheet 6, M - P 53/54

Wire from gong relay pin 4 to clock 1/14 is deleted Wire from gong relay pin 5 to clock 1/14 is added.

Please alter the circuit diagram accordingly.

Wiring Diagram Type 911 Carrera 2 and 4 Model 93

	Coordinates	
Sheet 1	1 - 10	Lights
Sheet 2	11 - 20	Alarm System, Central Locks, Mirror, Power Window Regulator, Inside Lights
Sheet 3	21 - 30	Heater, AC, Coolant Fan, Rear Window Defogger
Sheet 4	31 - 40	ABS, Porsche Dynamic AWD Control (Carrera 4)
Sheet 4a	31 - 40	ABS (Carrera 2)
Sheet 4b	31 - 40	ABS Turbo look (Carrera 2)
Sheet 5	41 - 50	Motor, Ignition, Cruise Control
Sheet 6	51 - 60	Instruments, Sensor, Central Informer, On-board computer
Sheet 7	61 - 70	Seats
Sheet 8	71 - 80	Rear Spoiler, Two-Tone Horns, Wipe- and Wash Cleaners, Sun Roof, Convertible Top
Sheet 9	81 - 90	Radio, Telephone
Sheet 10	91 - 100	Fog Light, Rear Fog Light
Sheet 11		Central Electric
Sheet 12		Construction Components
Sheet 13		Plug Connections, Ground Points, M-Numbers, Abbreviations
Sheet 14	101 - 110	Trailer Coupling
Sheet 15	111 - 120	Airbag
Sheet 16	121 - 130	Tiptronic (Carrera 2)
Sheet 17	131 - 140	911 Carrera RS

Wiring Diagram Type 911 Carrera 2 and 4 Model 93

The wiring diagram consists of 12 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 "GP" and their location is shown in a vehicle diagram.

The 10-pin connectors on the central-electrics box are clipped together out of 3 parts, the 20-pin connectors 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".

The 10-pin connectors only contents one "module element".

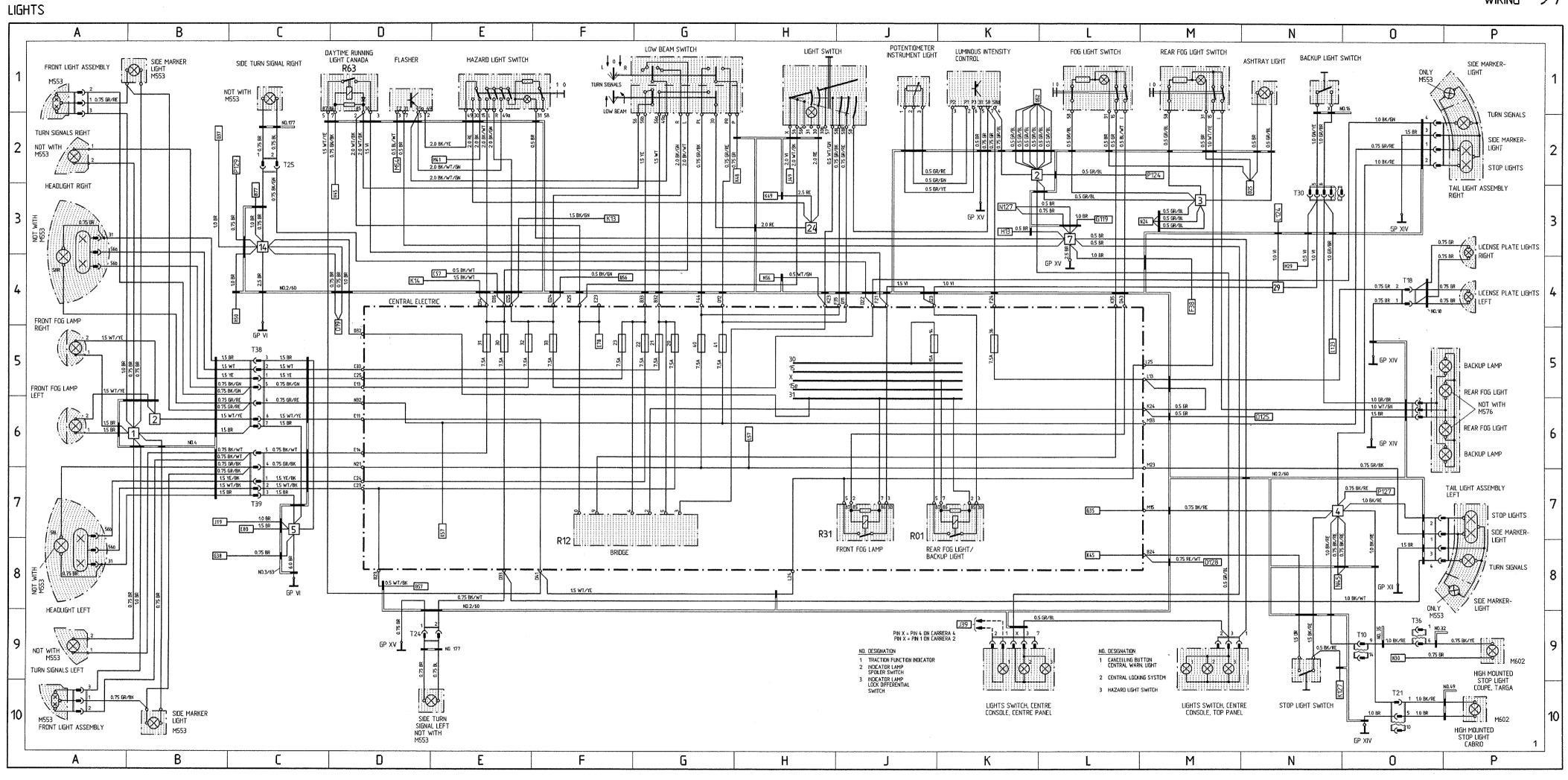
Start- and module elements are identified by the numbers 1....5.

Part 5 ist a "coding element".

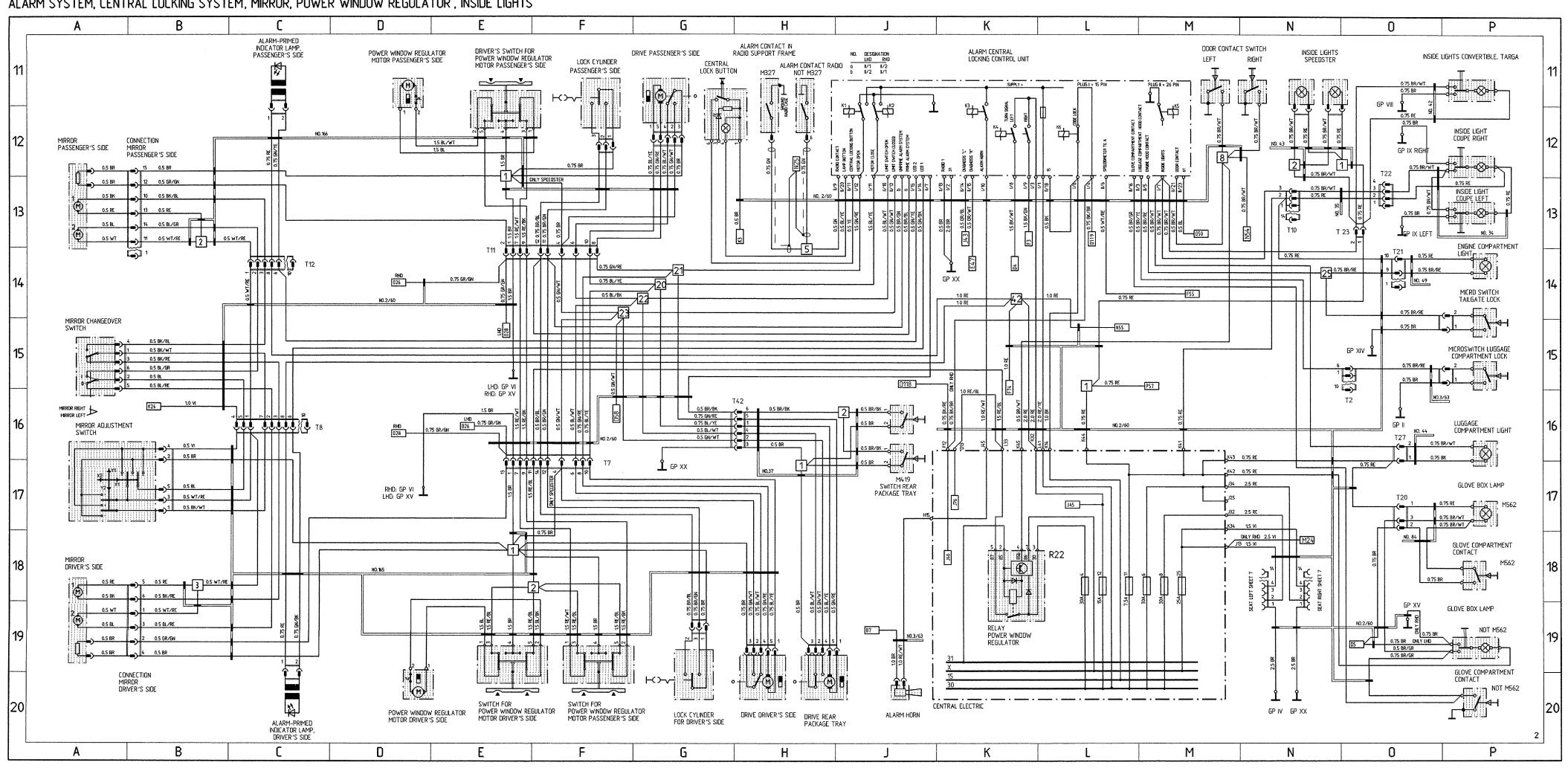
The designations of the plug connections in the wiring diagram refer to the "starting element" from, for example, B 11......15, and to the first module element from B 21.....25.

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WIRING DIAGRAM 97-151



ALARM SYSTEM, CENTRAL LOCKING SYSTEM, MIRROR, POWER WINDOW REGULATOR, INSIDE LIGHTS



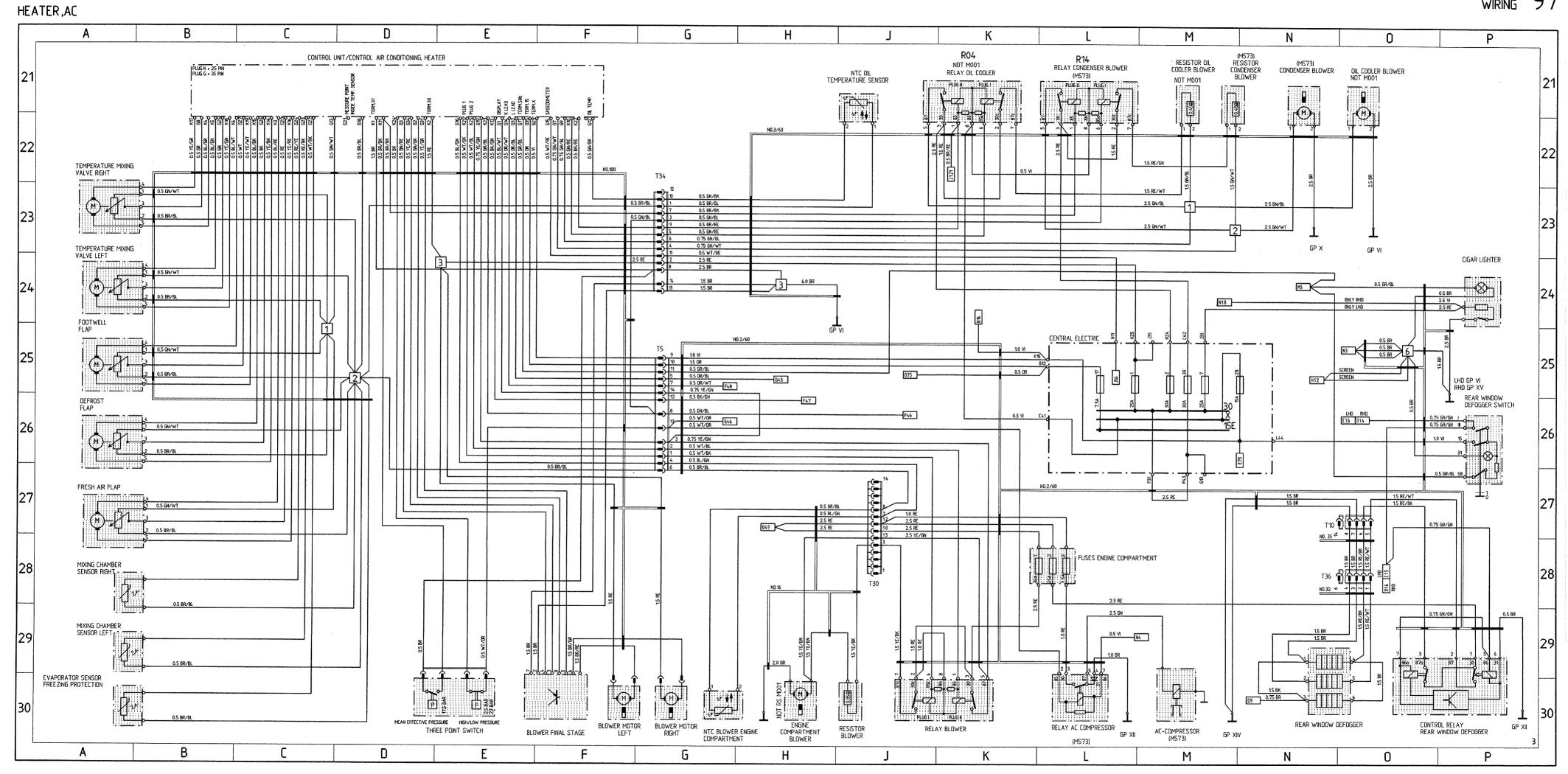
97-155

BK = BLACK

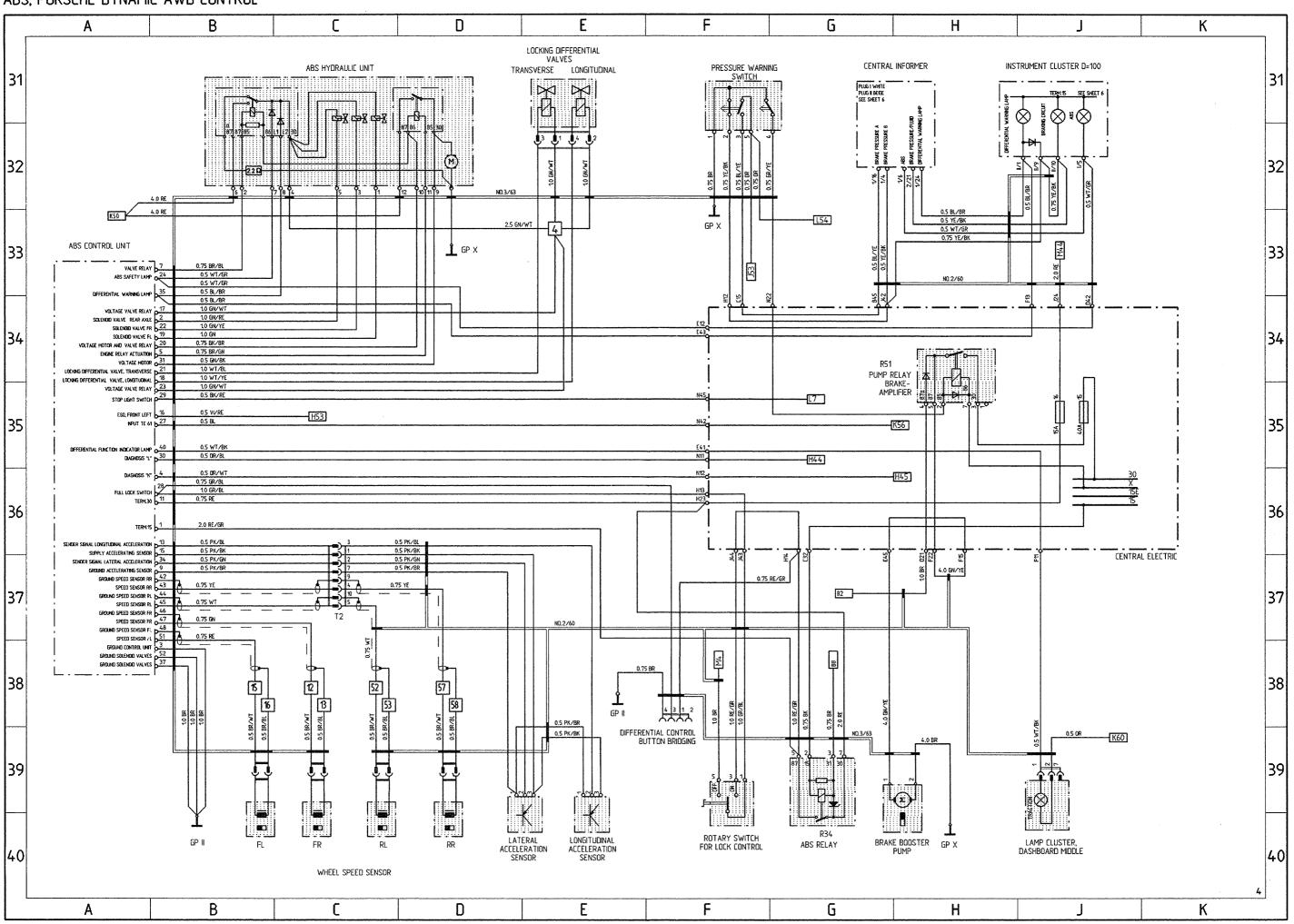
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WIRING DIAGRAM 97-155

OR = ORANGE



ABS, PORSCHE DYNAMIC AWD CONTROL



BK = BLACK GR = GREY WT = WHITE BR = BROWN GN = GREEN

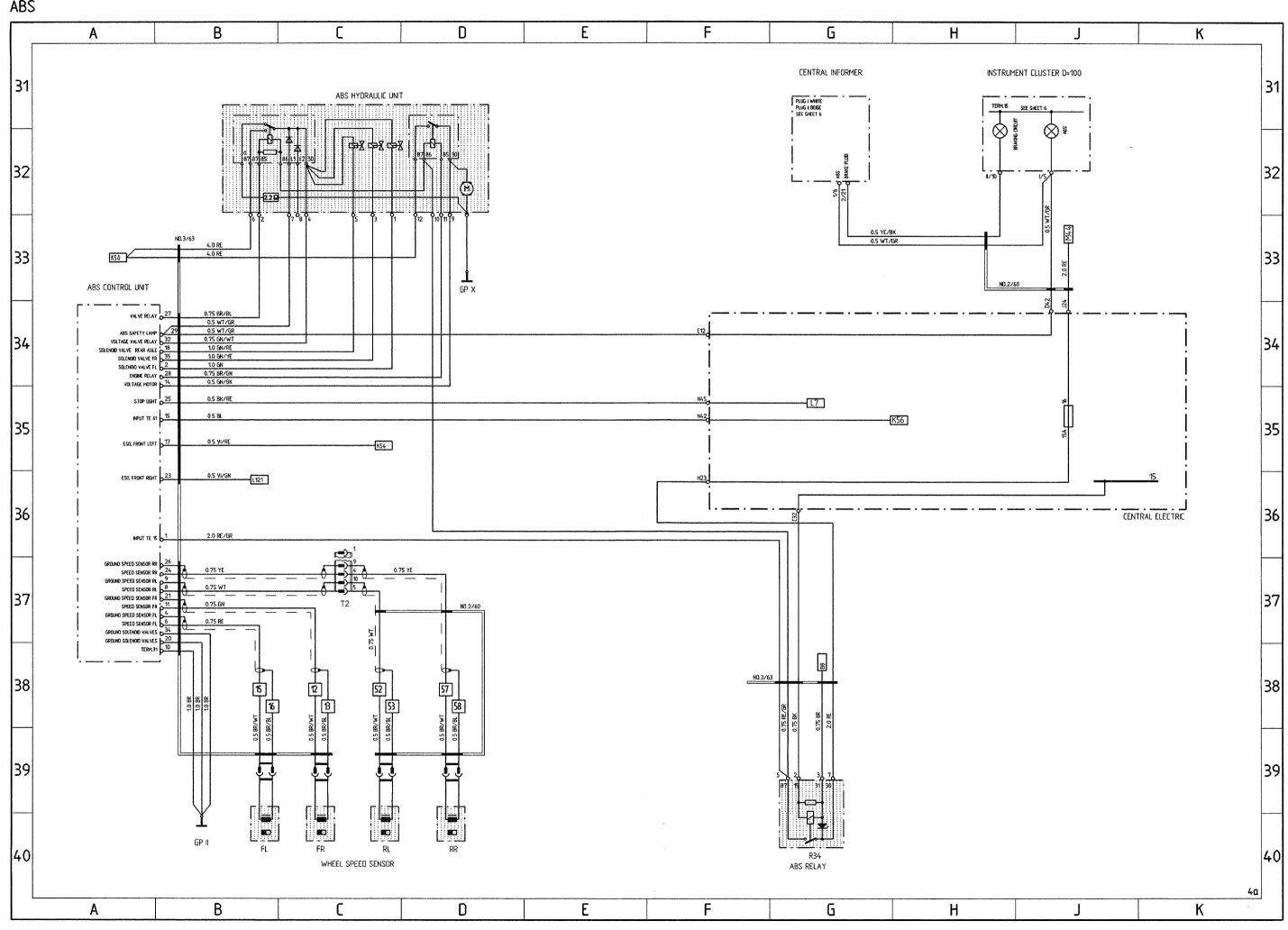
VI = VIOLET

RE = RED

YE = YELLOW

OR = ORANGE

WIRING DIAGRAM 97-157



97

BK = BLACK GR = GREY

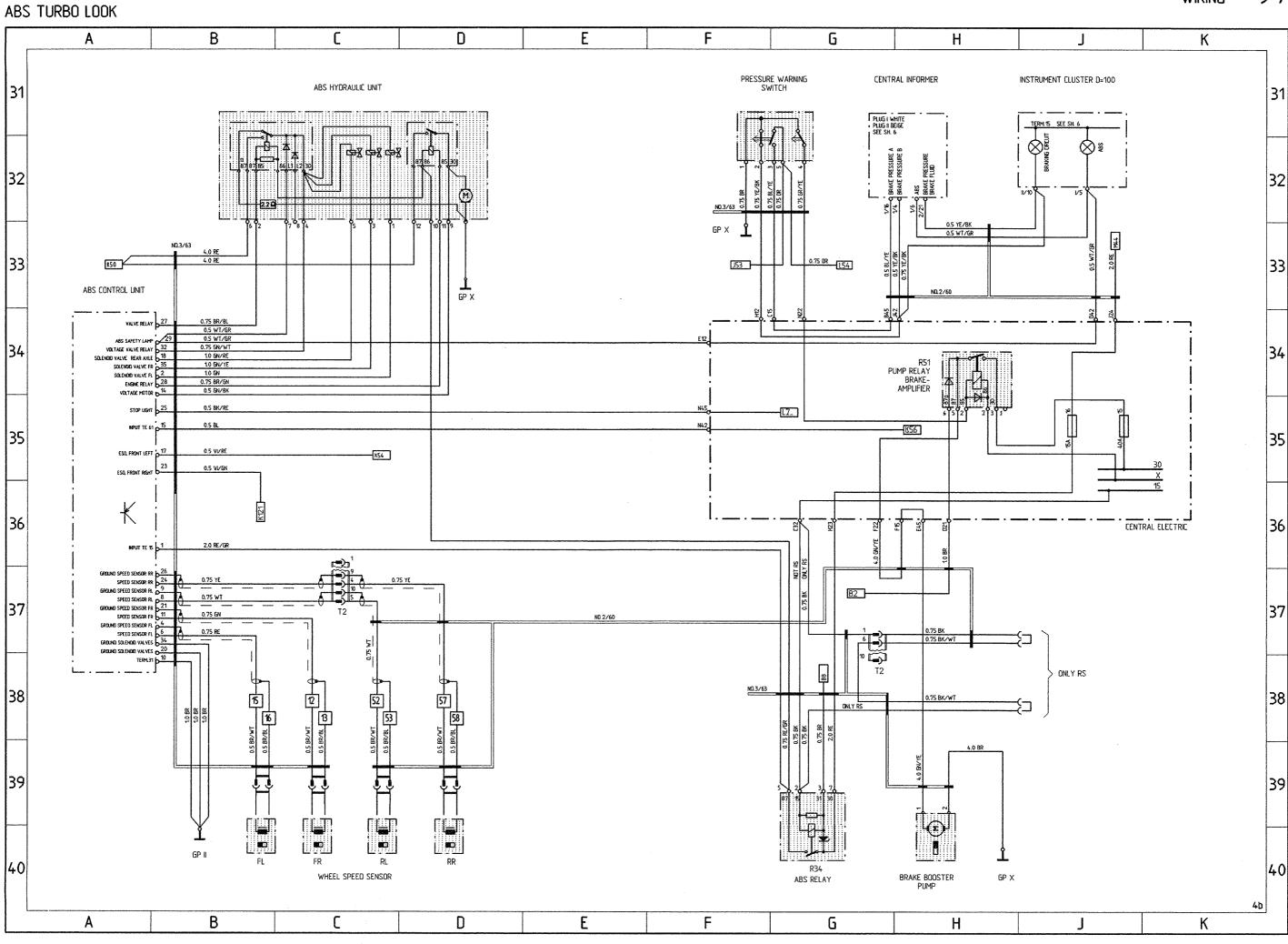
WT = WHITE BR = BROWN

RE = RED BL = BLUE

GN = GREEN VI = VIOLET YE = YELLOW PK = PINK

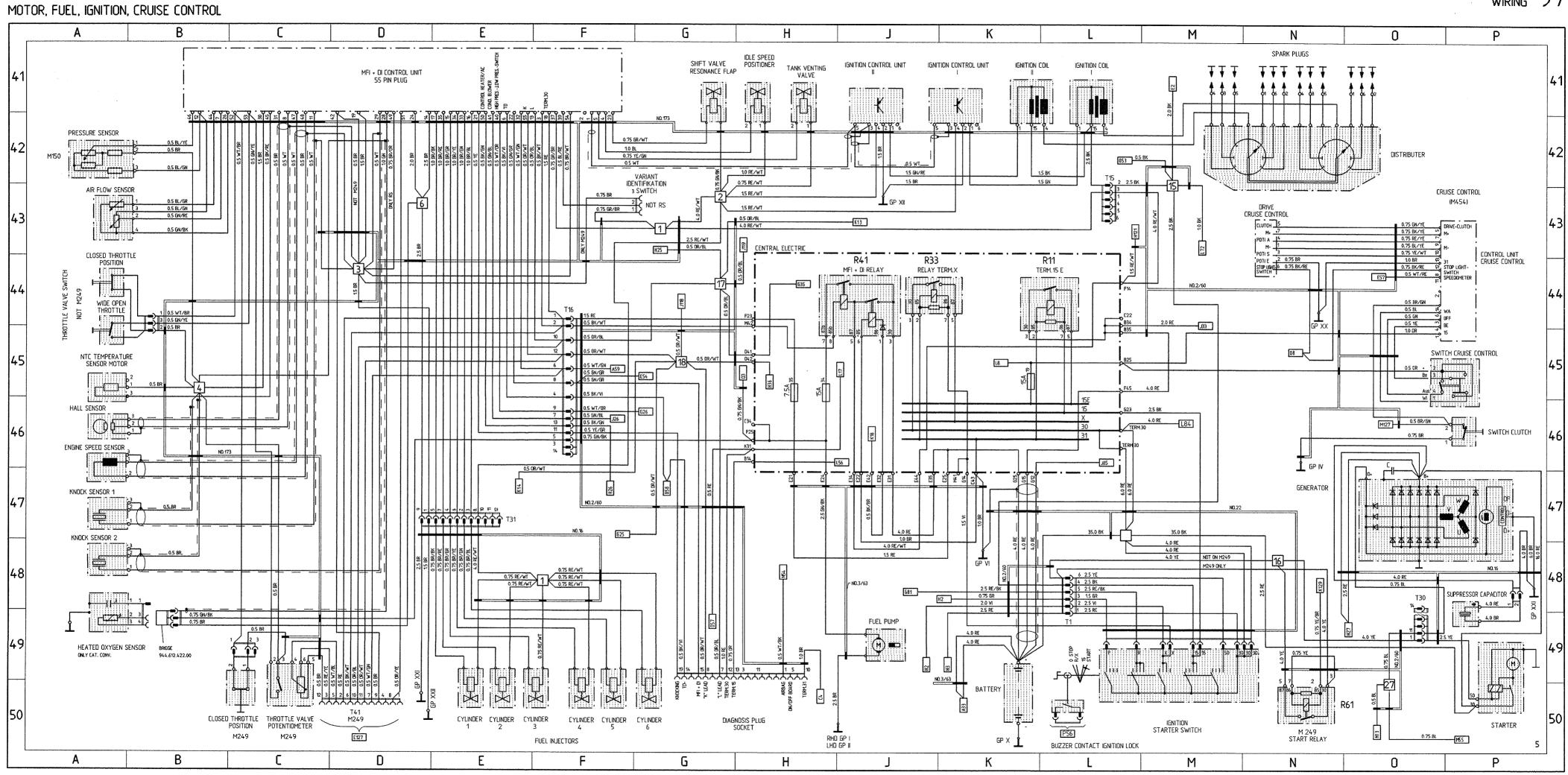
OR = ORANGE

WIRING DIAGRAM 97-161



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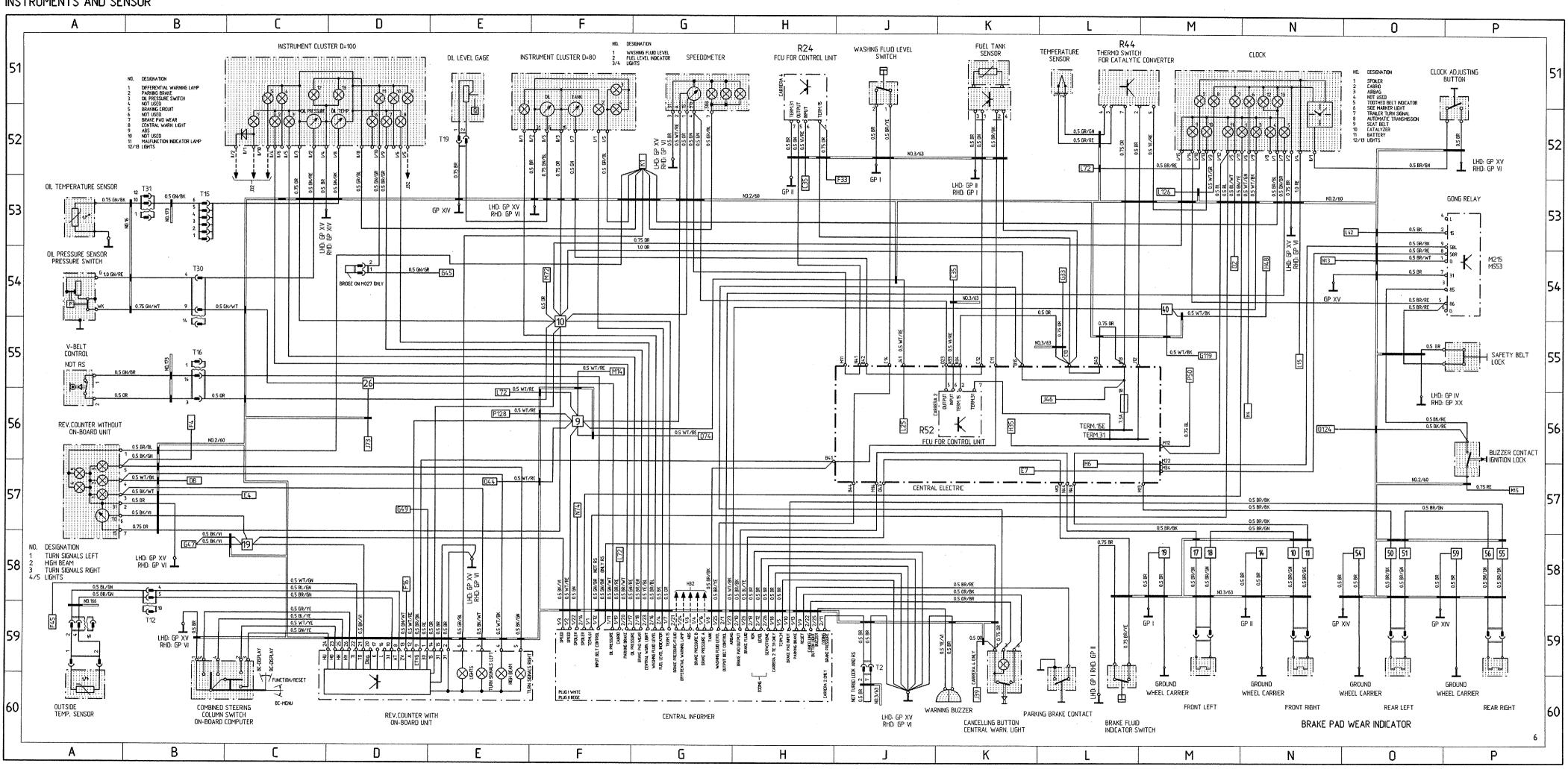
WIRING DIAGRAM 97-163



WIRING DIAGRAM 97-165

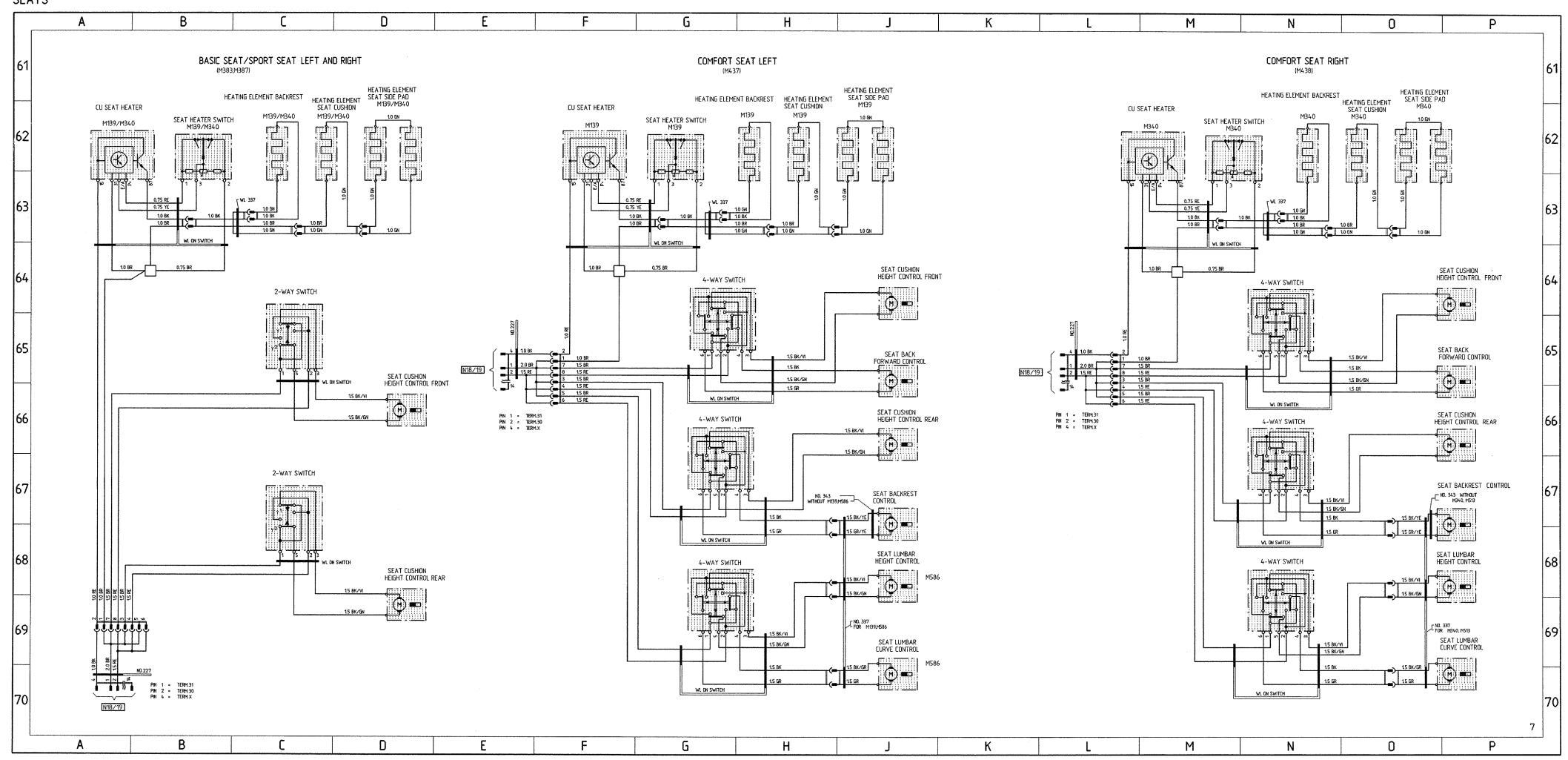
INSTRUMENTS AND SENSOR

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WIRING DIAGRAM 97-167

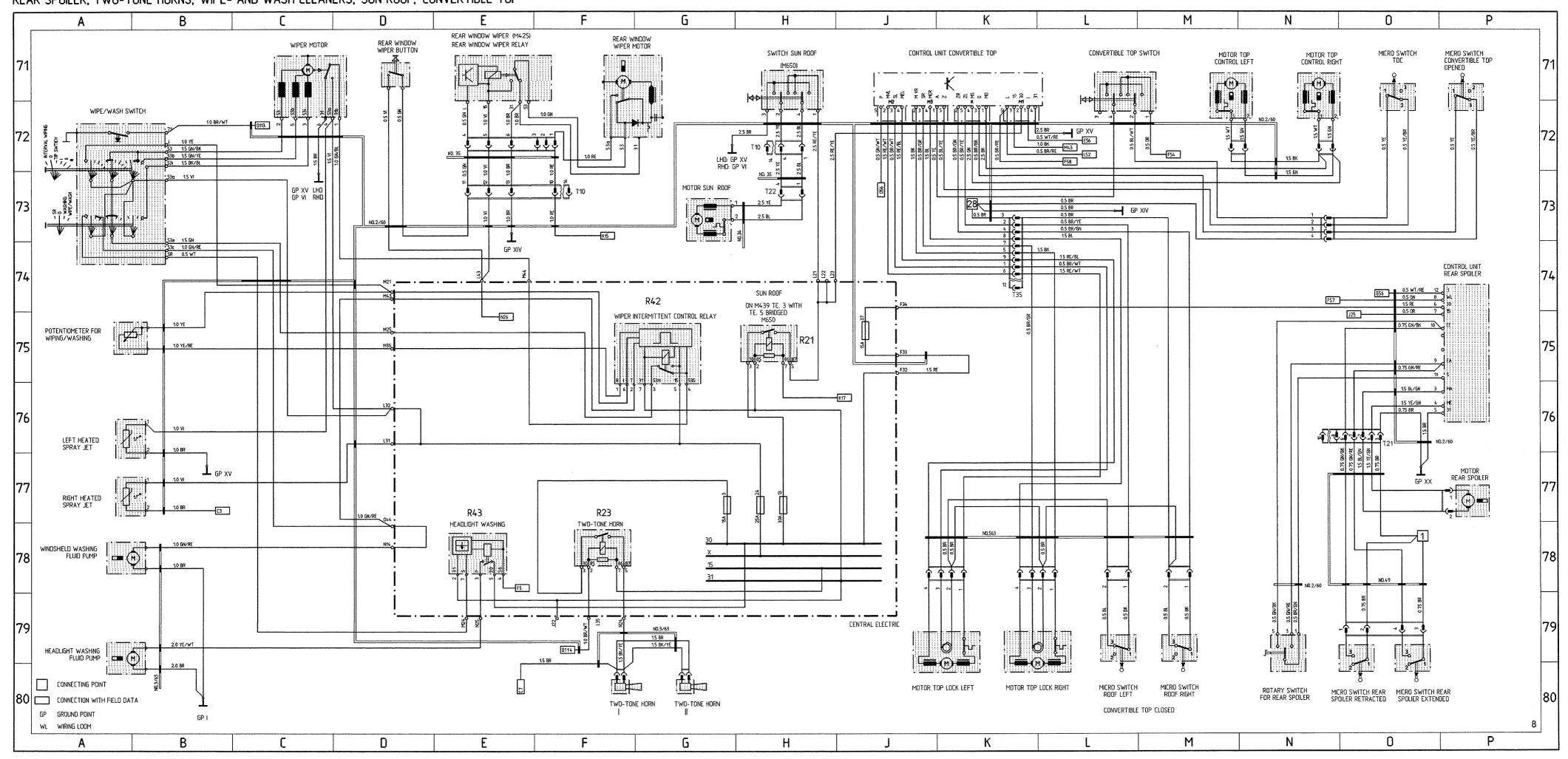


97-167

BK = BLACK

WIRING DIAGRAM 97-169

REAR SPOILER, TWO-TONE HORNS, WIPE- AND WASH CLEANERS, SUN ROOF, CONVERTIBLE TOP

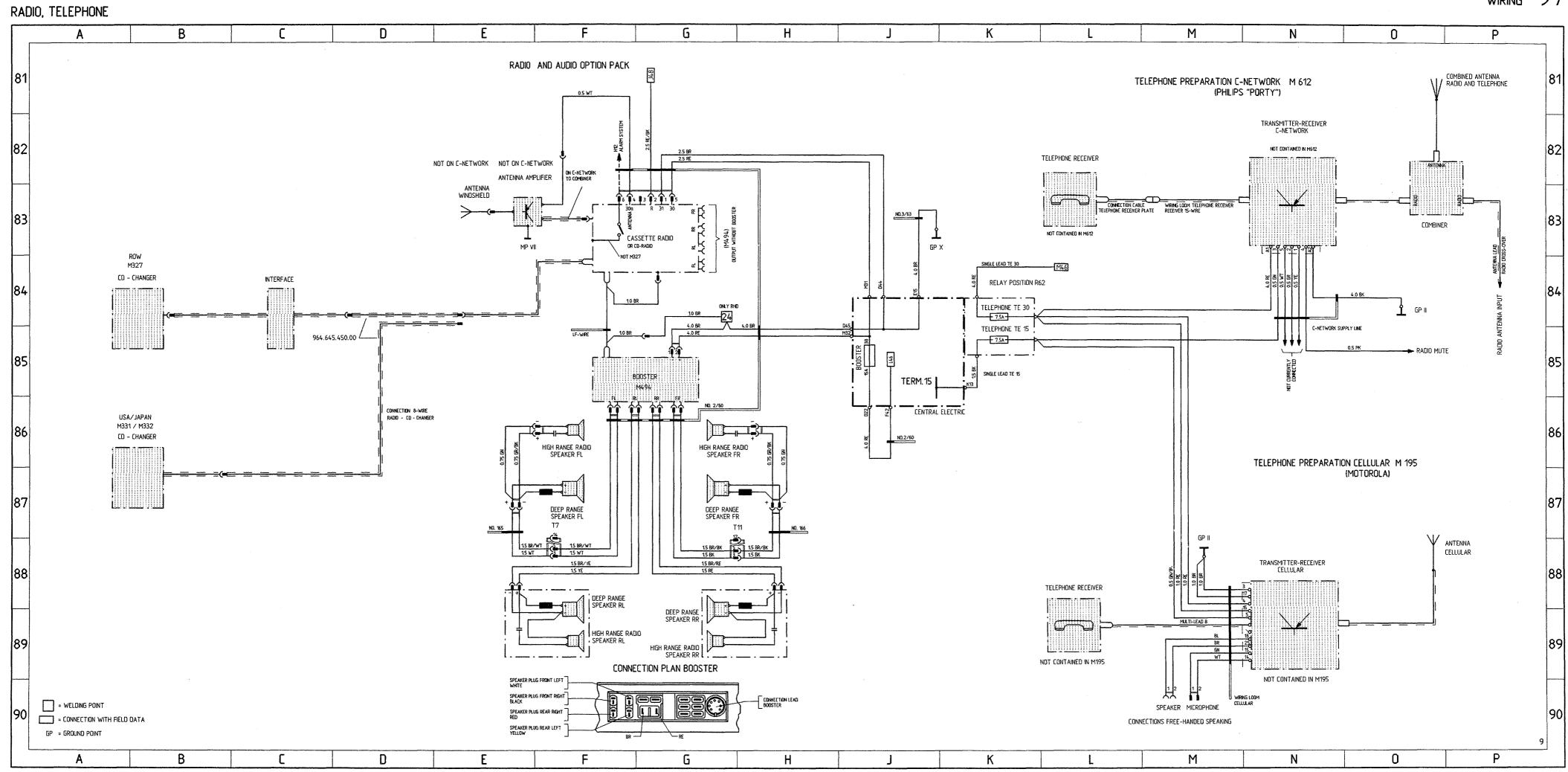


97-171

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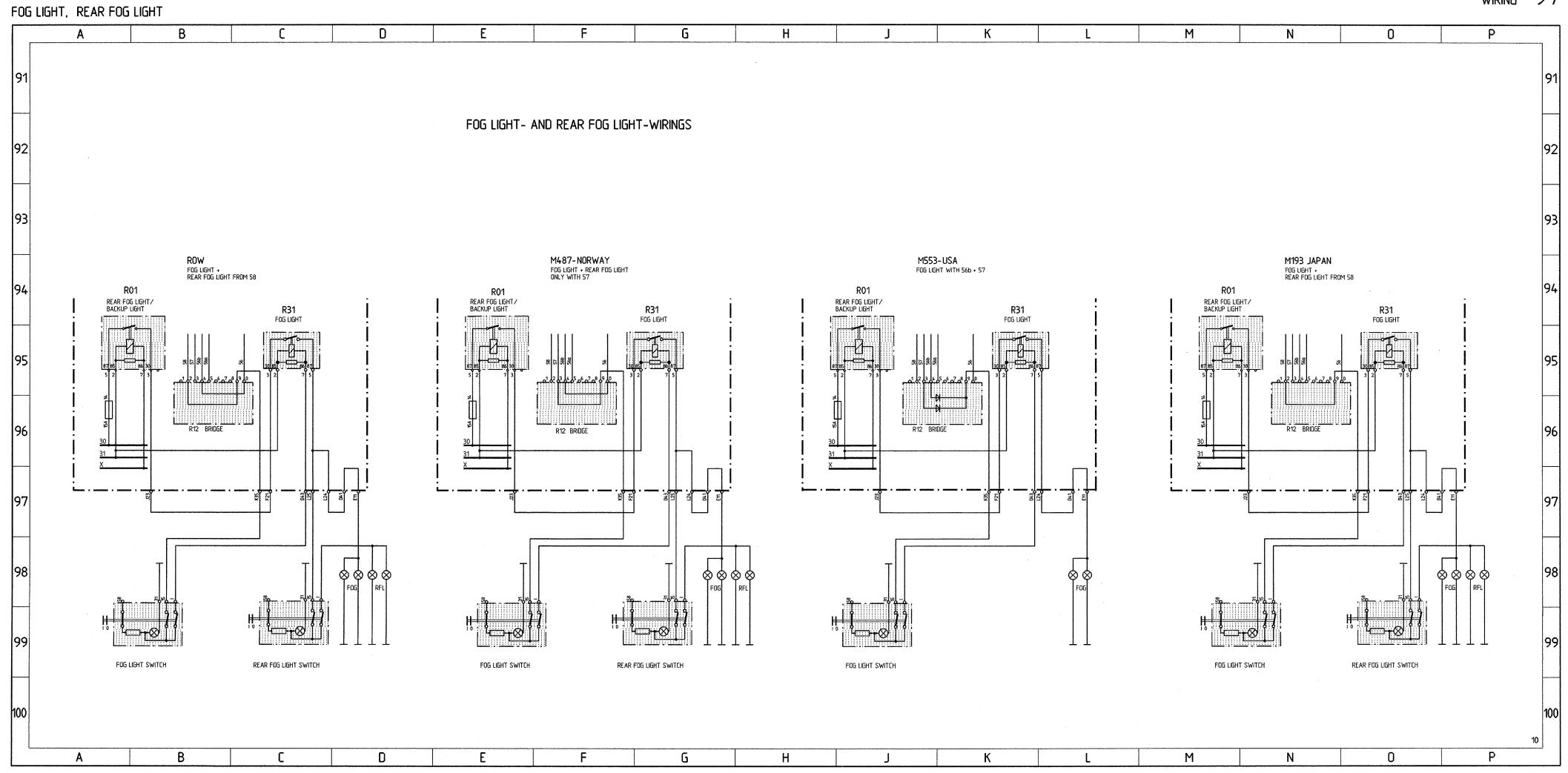
WIRING DIAGRAM 97-171

OR = ORANGE



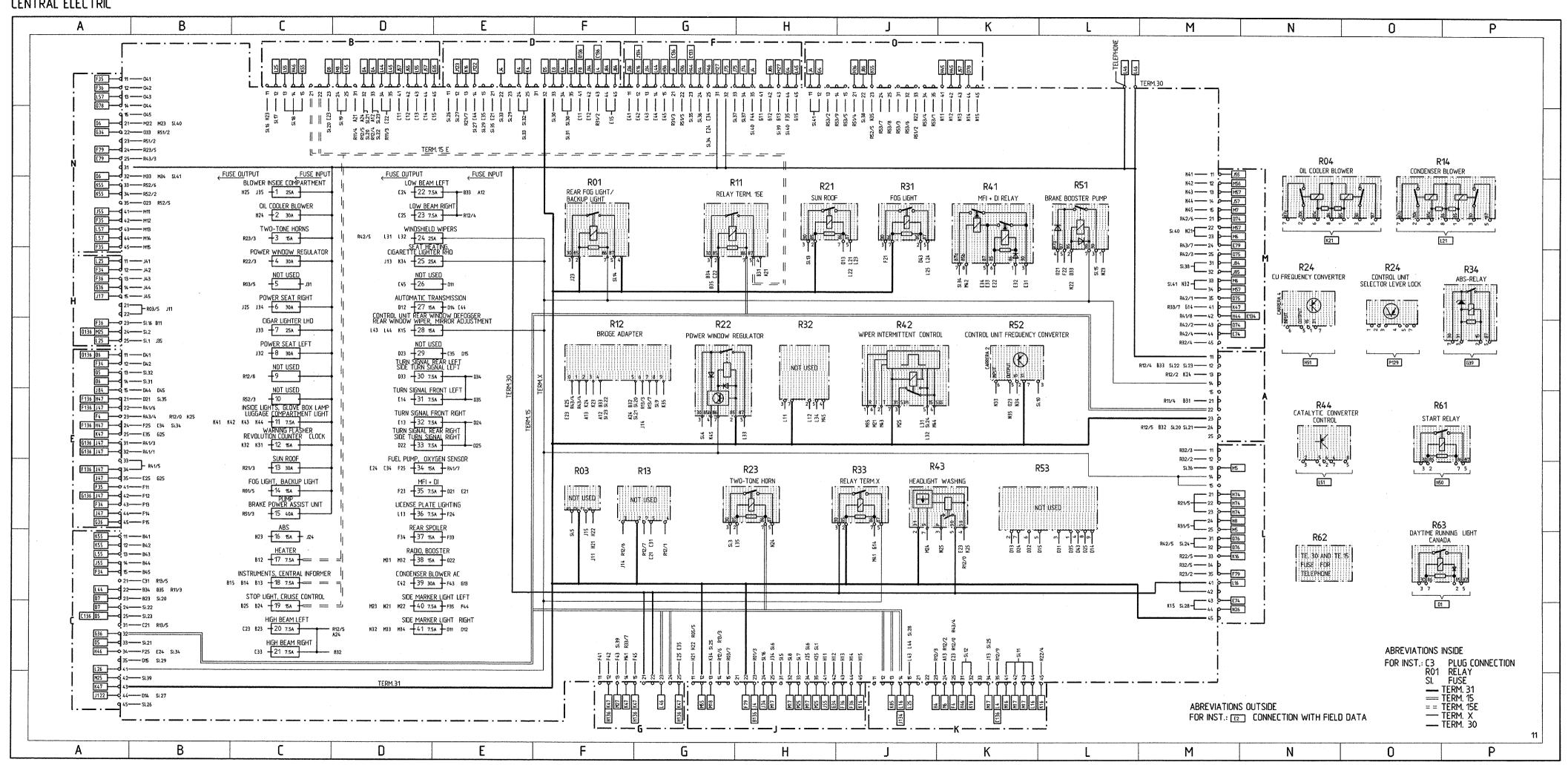
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WIRING DIAGRAM 97-173



97-173

BK = BLACK



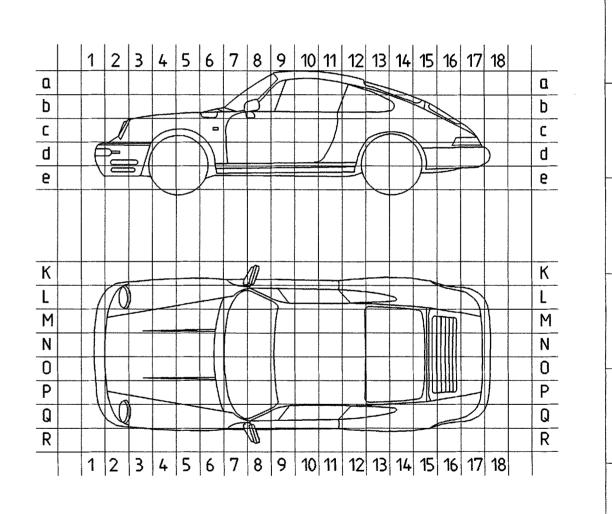
CONSTRUCTION COMPONENTS

Α	В	С	D D	E	F	G	Н	J	K	L	M	N	0	Р

CONSTRUCTION COMPONENTS

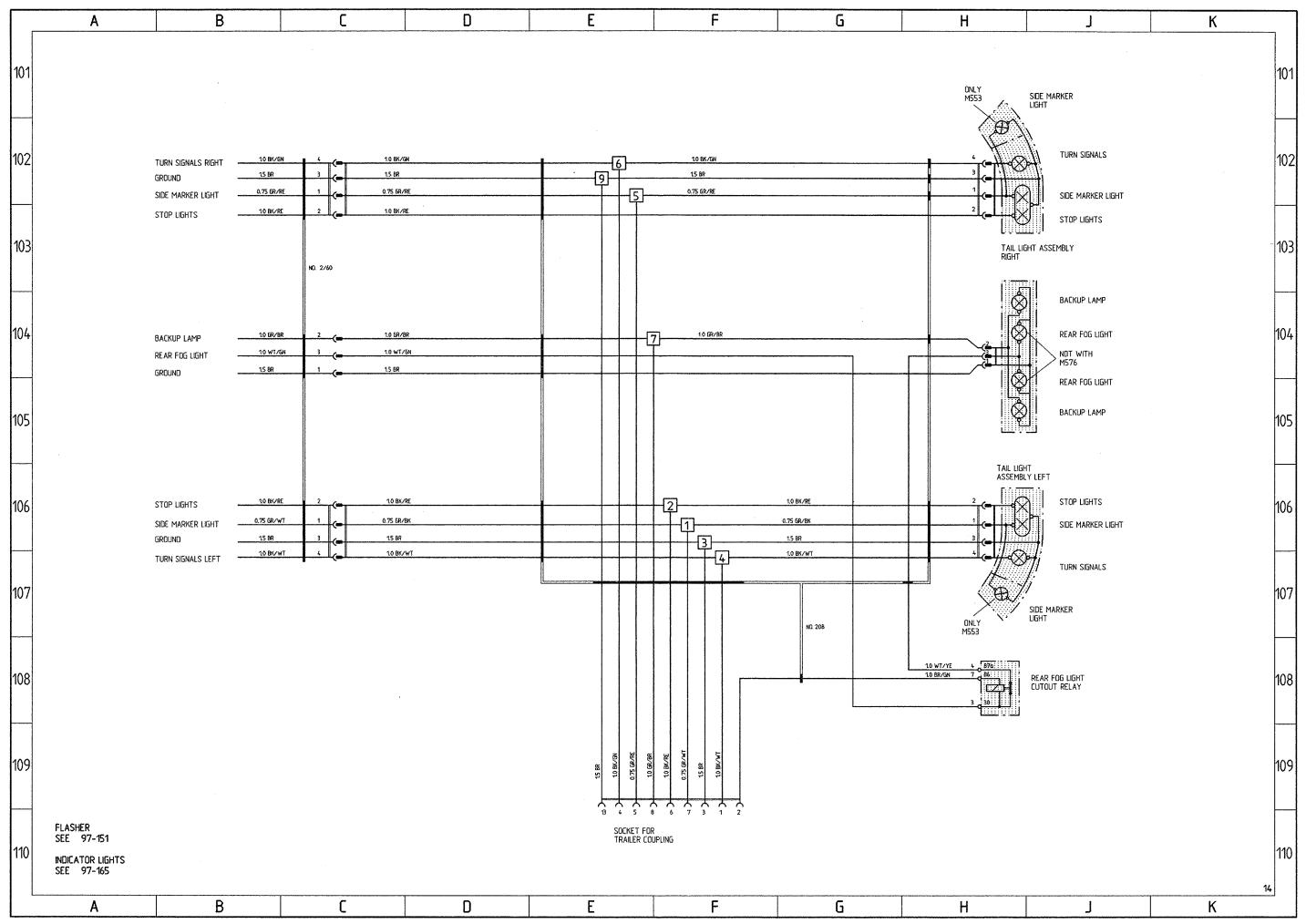
DESIGNATION, FUNCTION	Positik Vehicl		NOTE	Field in Wiring Diagram		
	LHO	RHD				
ABS RELAY	6cM	6cM	CENTRAL ELECTRIC	G39/40		
NIR FLOW SENSOR	16b0	16b0	ON ENGINE	A43		
ALARM HORN	3cL	3cL	IN WHEEL HOUSING FRONT RIGHT	J20		
NTENNA AMPLIFIER	7bL	7bQ	IN LUGGAGE COMPARTMENT	E/F83		
ACKUP LIGHT SWITCH	14dN	14dN	BY TRANSMISSION RIGHT	N1		
BATTERY MAIN SWITCH RS	2dN	2dN	IN LUGGAGE COMPARTMENT	H138/139		
BLOWER ENGINE COMPARTMENT	16c0	16c0	ON ENGINE	H30		
BLOWER FINAL STAGE	6bN	6bN	IN LUGGAGE COMPARTMENT	F30		
BLOWER MOTOR LEFT	6cP	6cP	IN LUGGAGE COMPARTMENT	F30		
BLOWER MOTOR RIGHT	6cM	6cM	IN LUGGAGE COMPARTMENT	G30		
BOOSTER	9eM	9eM	UNDER THE SEAT RIGHT	F/685		
BRAKE BOOSTER PUMP	1dD	100	IN LUGGAGE COMPARTMENT	H39/40		
			\$			
BUZZER CONTACT	7cP	7cM	ON IGNITION LOCK	P56		
ENTRAL ELECTRIC	6cM	6cM	IN LUGGAGE COMPARTMENT	UD0 E /E /UE0		
ENTRAL INFORMER	6cP	6сР	ON STEERING COLUMN	H32,F/G/H59		
LUTCH SWITCH CRUISE CONTROL	6dP	6dN	BY CLUTCH PEDAL UNDER FLOOR PANEL	P46		
CONDENSER BLOWER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	N21		
CONTROL RELAY REAR WINDOW DEFOGGER	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	0/P29/30		
IDNTROL UNIT ABS	2dM	2dM	IN LUGGAGE COMPARTMENT	A33-38		
CONTROL UNIT AIRBAG	6c0	6c0	ON INTRUMENT PANEL	J114/115		
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	9eM	9eM	UNDER THE SEAT RIGHT	J-M12		
CONTROL UNIT AUTOMATIC TRANSMISSION	10dP	10dP	UNDER THE SEAT LEFT	C-G122		
CONTROL UNIT CONVERTIBLE TOP	6cP	6cP	ON INTRUMENT PANEL	J/K71		
ONTROL UNIT CRUISE CONTROL	9eN	9eN	UNDER THE SEAT RIGHT	P43/44		
ONTROL UNIT INSTRUMENT LIGHT	7bQ	7bQ	IN LUGGAGE COMPARTMENT LEFT	K1		
CONTROL UNIT HEATING, AIR CONDITIONING	7c0	7cN	ON INTRUMENT PANEL	B-F21		
CONTROL UNIT REAR SPOILER	6cM	6cP	INSIDE FIREWALL RIGHT/LEFT	P74-76		
CONTROL UNIT SELECTOR LEVER LOCK	6cM	6cM	CENTRAL ELECTRIC	0/P129/130		
CRASH SENSOR LEFT	4cP	4cP	IN LUGGAGE COMPARTMENT	F112/113		
ERASH SENSOR RIGHT	4cM	4cM	IN LUGGAGE COMPARTMENT	6112/113		
DIAGNOSIS CONNECTION	7cL	7cQ	IN PASSENGER'S FOOTWELL	G/H50		
DRIVE CRUISE CONTROL	15c0	15c0	ON ENGINE	N43/44		
Engine speed sensor	15cP	15cP	BY ENGINE LEFT	A46/47		
FLASHER	7dN	7dN	IN CENTRE CONSOLE	D1		
FUEL LEVEL SENSOR	5cM	5cP	IN FUEL TANK	K51		
FUEL PUMP	6eM	6eP	BEHIND THE BASE	J49		
FUSES ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L28		
		+	<u> </u>			
SONS RELAY	6cP	47.0	BY STEERING COLUMN LEFT	P53/54		
HALL SENSOR	17c0	17c0	DN DISTRIBUTOR	A46		
HEADLIGHT CLEANER PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A79/80		
HEADLIGHT CLEANER RELAY	6cM	6cM	CENTRAL ELECTRIC	E78		
TYDRAULIC UNIT ABS	3dP	3dP	IN LUGGAGE COMPARTMENT	C32		
ole speed positioner	15bN	15bN	IN ENGINE COMPARTMENT	H41		
DLE SPEED SWITCH AUTOMATIC TRANSMISSION	15bN_	15bN	DN ENGINE	C50		
GNITION COIL I	15c0	15c0	IN ENGINE COMPARTMENT LEFT	L41		
GNITION COIL II	15cQ	15cQ	IN ENGINE COMPARTMENT LEFT	K41		
GNITION CONTROL UNIT 1	15cP	15cP	IN ENGINE COMPARTMENT LEFT	K41		
SNITION CONTROL UNIT II	15cP	15cP	IN ENGINE COMPARTMENT LEFT	J41		
(ICK-DOWN SWITCH	6d0	6dM	BY ACCELERATOR PEDAL UNDER FLOOR PANEL	M122		
NOCK SENSOR 1	15cP	15cP	BY ENGINE LEFT	A47		
(NOCK SENSOR 2	16cN	16cN	BY ENGINE TOP	A48		
ATERAL ACCELERATION SENSOR ABS	7dN	7dN	IN CENTRE CONSOLE	D/E40		
ATERAL ACCELERATION_SENSOR AUTOMAT	7dN	7dN	IN CENTRE CONSOLE	K129		
OCKING DIFFERENTIAL VALVES LONGIT, AND TRANSVERSE	3dM	3dM	IN LUGGAGE COMPARTMENT	E31		
ONGITUDINAL ACCELERATION SENSOR	7dN	7dN	IN CENTRE CONSOLE	E40		
1FI + DI CONTROL UNIT	9eP	9eP	UNDER THE SEAT LEFT	B-F41		
MFI + DI RELAY	6сМ	6cM	CENTRAL ELECTRIC	J44		
		12cL	BEHIND SIDE PANEL COVERING	P71		

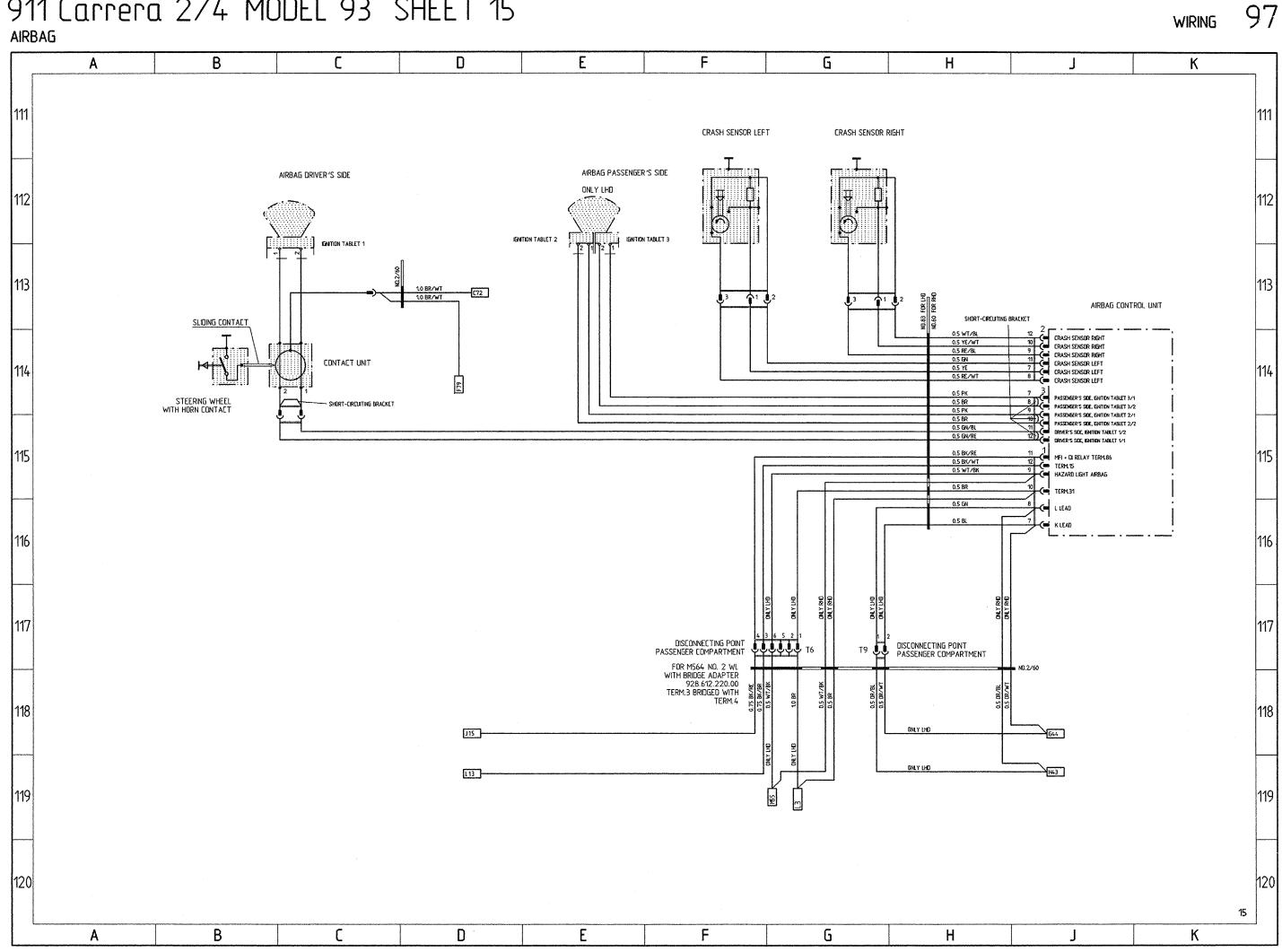
DESIGNATION, FUNCTION	POSITI VEHICL		NOTE	field in Wiring Diagram		
	LHD	RHD				
MICRO SWITCH REAR SPOLIER EXTENDED	16bP	16bP	ON TAILGATE	079		
MICRO SWITCH REAR SPOILER RETRACTED	16bP	16bP	ON TAILGATE	079		
MICRO SWITCH ROOF LEFT	9a0	9a0	AT CONVERTIBLE TOP FRAME	L79		
MICRO SWITCH ROOF RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	M79		
MICRO SWITCH TDC	12cL	12cL	BEHIND SIDE PANEL COVERING	071		
MOTOR TOP_CONTROL LEFT	15c0	15c0	BEHIND REAR SEAT	M/N71		
MOTOR TOP CONTROL RIGHT	15cN	15cN	BEHIND REAR SEAT	N71		
MOTOR TOP LOCK LEFT	9a0	900	AT CONVERTIBLE TOP FRAME	J/K79		
MOTOR TOP LOCK RIGHT	9aN	9aN	AT CONVERTIBLE TOP FRAME	K/1.79		
MOTOR SUN ROOF	12aN	12aN	IN ROOF	G73		
NTC HEATER FAN	16cP	16cP	IN ENGINE COMPARTMENT	G30		
OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	021		
DIL LEVEL GAGE	12cK	12cK	IN WHEEL HOUSING REAR RIGHT	E51/52		
OIL PRESSURE SENSOR/SWITCH	14cN	14cN	on engine	A54		
OIL TEMPERATURE SENSOR COOLING FAN	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	J21		
DIL TEMPERATURE SENSOR FOR INSTRUMENT	14cN	14cN	ON ENGINE	A53		
DUTSIDE TEMP. SENSOR	8bK	8bR	IN DUTSIDE MIRROW	A60		
PRESSURE SENSOR	10eP	10eP	UNDER THE SEAT LEFT	A42		
PRESSURE SWITCH AIR CONDITIONING SYSTEM	650	6b0	IN LUGGAGE COMPARTMENT	D/E30		
PRESSURE WARNING SWITCH	1d0	1d0	IN LUGGAGE COMPARTMENT	F/G31/32		
REAR FOG LIGHT CUTOUT RELAY	17dN	17dN	BEHIND REAR PANEL	H108		
rear window wiper relay	15b0	15b0	ON REAR WINDOW WIPER MOTOR	E71		
RELAY AC COMPRESSOR	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	L30		
relay backup light	7bQ	7bQ	IN LUGGAGE COMPARTMENT LEFT	L122		
RELAY BLOWER ENGINE COMPARTMENT	16cP	16cP	CARRIER PLATE IN ENGINE COMPARTMENT	J/K30		
RELAY BRAKE BOOSTER PUMP	6сМ	6cM	CENTRAL ELECTRIC	H34/35		
relay condenser blower	6cM	6cM	CENTRAL ELECTRIC	L21		
RELAY FREQUENCY TRANSFORMER	6cM	6cM	CENTRAL ELECTRIC	K56/H51		
RELAY FRONT FOG LAMP	6cM	6cM	CENTRAL ELECTRIC	ا7ر		
RELAY DAYTIME RUNNING LIGHT CANADA	6cM	6cM	CENTRAL ELECTRIC	D1		
RELAY DIL CODLER BLOWER	6cM	6cM	CENTRAL ELECTRIC	K21		
RELAY POWER WINDOW REGULATOR	6cM	6cM	CENTRAL ELECTRIC	K18/19		
RELAY REAR FOG LIGHT- BACKUP LIGHT	6cM	6cM	CENTRAL ELECTRIC	J/K7		
RELAY STARTER AUTOMATIC TRANSMISSION	6cM	6cM	CENTRAL ELECTRIC	N50		
RELAY SUN ROOF	6cM	6cM	CENTRAL ELECTRIC	H75_		
RELAY TERM.X	6cM	6cM	CENTRAL ELECTRIC	K44		
RELAY TERM 15 E	6cM	6cM	CENTRAL ELECTRIC	K/L44		
RELAY THERMO SWITCH CATALYTIC CONVERTER	6cM	6cM	CENTRAL ELECTRIC	L/M51		
RELAY TWO-TONE HORN	6cM	6cM	CENTRAL ELECTRIC	F78		
resistor blower	16dP	16dP	IN ENGINE COMPARTMENT	J30		
RESISTOR FOR BLOWER CONDENSER	2dQ	2dQ	IN WHEEL HOUSING FRONT LEFT	M21		
RESISTOR OIL COOLER BLOWER	2dL	2dL	IN WHEEL HOUSING FRONT RIGHT	M21		
SHIFT VALVE RESONANCE FLAP	15bN	15bN	ON ENGINE	541		
STARTER	14dN	14dN	BY CLUTCH HOUSING RIGHT	P49/50		
STOP LIGHT SWITCH	6dP	6dM	AT THE BRAKE PEDAL BELOW THE FLOOR PANEL	N9		
SWITCH LIFTING	12d0	12d0	ON GEARBOX	D-F129		
TANK VENTING VALVE	15cN	15cN	BY ENGINE TOP	H41		
TEMPERATURE MOTOR	15cP	15cP	BY ENGINE LEFT	A45		
THROTTLE VALVE POTENTIOMETER, AUTOM. TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	E50		
THROTTLE VALVE SWITCH, MANUAL TRANSMISSION	15bN	15bN	ON THROTTLE VALVE ASSEMBLY	A44/45		
TWO-TONE HORN I	3cL	3cL	in wheel housing front right	F80		
TWO-TONE HORN II	3cL	3cL	in wheel housing front right	080		
VARIANT IDENTIFIKATION SWITCH	9eP	9eP	UNDER THE SEAT LEFT	G43		
V-BELT CONTROL	17d0	17d0	ON ENGINE	A55/56		
WARNING BUZZER	7cP	7cP	ON INTRUMENT PANEL	K60		
WINDSHIELD WASHING FLUID PUMP	3cQ	3cQ	BY WASHING FLUID RESERVOIR IN WHEEL HOUSING FL	A78		
WINDSHIELD WASHING FLUID PUMP RS	4cM	4c0	IN LUGGAGE COMPARTMENT	A78		
WIPER INTERMITTENT CONTROL RELAY	6cM	6cM	CENTRAL ELECTRIC	F/G75		

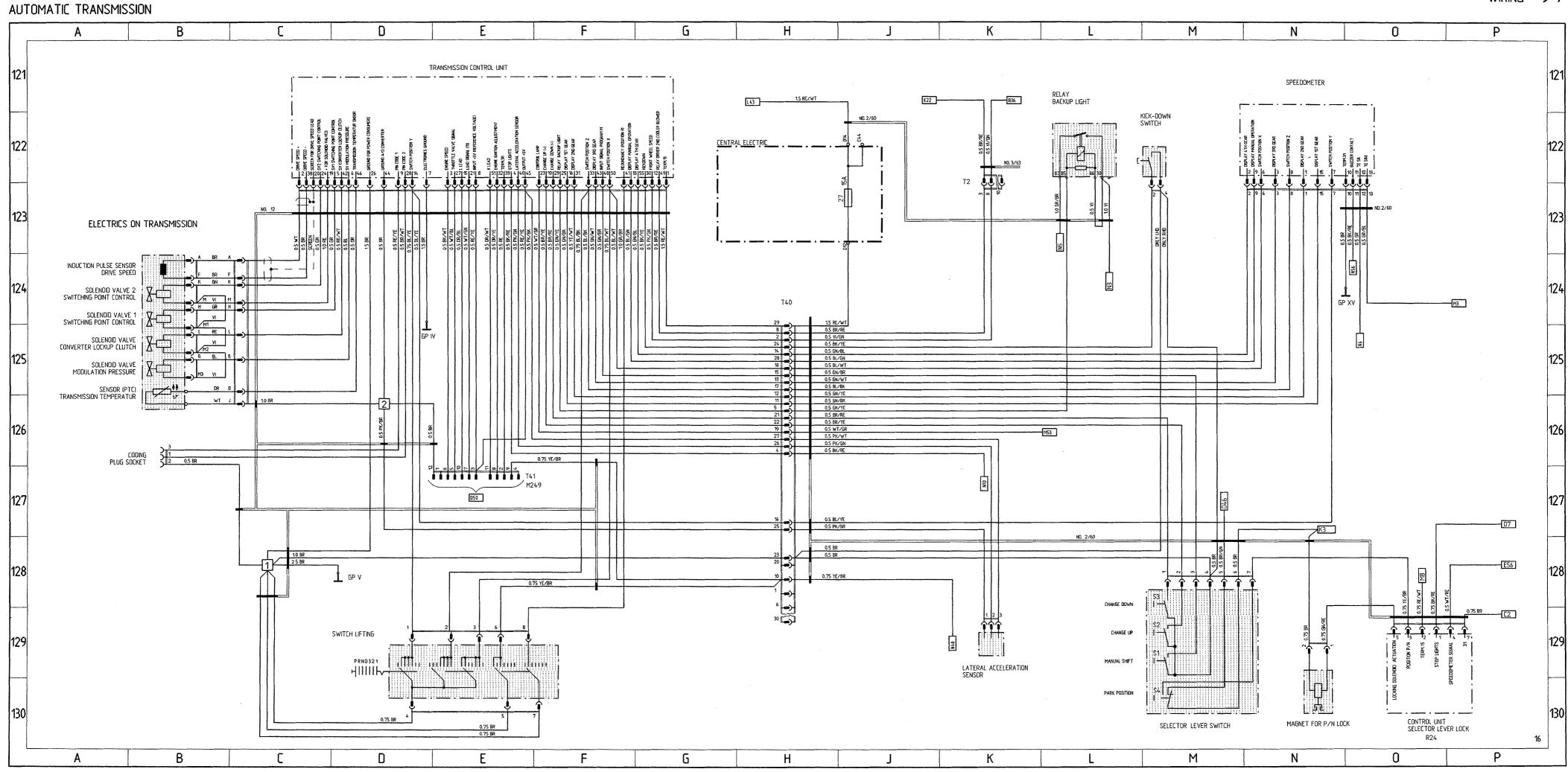


В	C	<u>D</u>	<u>E</u>	F	G	<u> </u>	J	K	<u> </u>	M		N	0	1
PLUG CONNECTIONS	,													
CODE NUMBER OF PINS DES	SIGNATION, FUNCTION	Position in Vehicle Note		FIELD		М	NUMBER							
		LHD RHD				M	- NUMBERS							
T1 6 IGNITIO	N LOCK	6cP 6cM BY STEERING C	OLUMN LEFT	L48										
T2 10 ABS			MPARTMENT RIGHT	C36/37, K122, O15			420 - AD III 07 AD II 05 AT A II 17 AUG A	CCT OF T						
	R, AIR CONDITIONER	6cm 6cm under instrui 7dn 7dn in centre con	MENT PANEL RIGHT	625/26 F/6117			139 ADJUSTABLE SEAT HEATING, L 193 JAPAN VERSION	LEFT SEAT						
T6 6 AIRBAI	DRIVER'S SIDE		MENT PANEL LEFT	F88,E/F17			215 SAUDI-ARABIA VERSION							
	DRIVER'S SIDE		MENT PANEL LEFT	C16		M 2	249 AUTOMATIC TRANSMISSION							
T9 2 AIRBAG		7dN 7dN IN CENTRE CON		G117			340 ADJUSTABLE SEAT HEATING, F							
	WINDOW SHELF PASSENGER'S SIDE	12cl 12cl Behind Side PA 6cl 6cg under instrui	NEL COVERING MENT PANEL RIGHT	09,N13,027,E/F73,H72 E14.H88			383 SPORT SEAT LEFT ELECTRIC H 387 SPORT SEAT RIGHT ELECTRIC F							
	PASSENGER'S SIDE		MENT PANEL RIGHT	B59,C14		M 4	425 REAR WINDOW WIPER							
T15 6 MFI+1	01	9eP 9eP UNDER THE SE.	AT LEFT	L43,853			437 COMFORT SEAT LEFT							
T16 14 MFI + I		9eP 9eP UNDER THE SE		F45/46,B55			438 COMFORT SEAT RIGHT 439 ELECTRIC CONVERTIBLE TOP							
	E PLATE LIGHTS VEL GAGE	17dl 17dl Tail Lights Ri 15cm 15cm in Engine Come		04 F52			454 CRUISE CONTROL			_ _ _				
	BOX LAMP AIRBAG		MENT PANEL RIGHT	017			513 LUMBAR SUPPORT SEAT RIGHT	r	_ 1	2 3 4 5 6	7 8 9 10 11	1 12 13 14 15 16	17 18	
T21 10 TAILG	ATE	15cl 15cl in Engine comi	PARTMENT RIGHT	N76,014,010			553 USA - CANADA VERSION		α		1		a	
	LIGHTS, SUN ROOF	15bM 15bM BELOW THE PA		H73,013			562 AIRBAG		b				h	
	LIGHTS CONVERTIBLE, TARGA URN SIGNAL LEFT	6cQ 6cQ under instrui 7dQ 7dQ in luggage co	MENT PANEL LEFT MPARTMENT ON SIDE MEMBER LEFT	013 0/E9			573 AIR CONDITIONING SYSTEM 576 WITHOUT REAR FOG LIGHT			1-			U	
	URN SIGNAL RIGHT		MPARTMENT ON SIDE MEMBER RIGHT	C2			586 LUMBAR SUPPORT SEAT LEFT		<u>C </u>				C	
	GE COMPARTMENT LIGHT	7bL 7bL IN LUGGAGE CO	MPARTMENT ON SIDE MEMBER RIGHT	D16			602 HIGH MOUNTED STOP LIGHT		d (#)				d	
T30 14 NO. 16		16CP 16CP CARRIER PLATE		N/03,J27/28,048/49,B5	54		650 SUN ROOF		با م				P	
	R, MFI+DI R, AIR CONDITIONER	16cP 16cP CARRIER PLATE 6cM 6cM IN LUGGAGE CO	EIN ENGINE COMPARTMENT MPARTMENT RIGHT	0/E47,B53 523/24		Me	659 ON-BOARD COMPUTER							
	RTIBLE TOP	12cl 12cl BEHIND SIDE PA		K73/74										
	WINDOW	15bM 15bM BELOW THE PA		09,028										
	FRONT LIGHTS		SING FRONT RIGHT	C5/6										
	FRONT LIGHTS 1ATIC TRANSMISSION	3cl 3cl in wheel hous	SING FRONT RIGHT	C6/7 H124/125					1/				- L	
	MATIC TRANSMISSION	9eP 9eP UNDER THE SE		C/050,E127					K				K	
T42 6 REAR	PACKAGE TRAY	9em 9em Under the se		H16					L //					
			ABBREVIATIONS						M	4-1-1			All M	
GROUND POINTS									NI II				- III	
CODE NOTE		Position in Vehicle	CODE MEANING		CODE	MEANING			- N				III IN	
CODE NO.E		LHD							0					
			ABS ANTILOCK BRAKING S		NO NO	NUMBER			P				- P	
GP I LUGGAGE COMPART	MENT, WHEEL HOUSING LEFT	2cP	ADL ADDITIONAL DRIVING AC AIR CONDITIONING SY		NTC NP	NEGATIVE TEMPERATURE COEF	FFICIENT							
	MENT, WHEEL HOUSING RIGHT	2cM	CE CENTRAL ELECTRIC		PIN	PIN			3	4-1-1-			Q D	
GP III ON FIREWALL GP IV GROUND FOR POWE	R CONSUMERS, UNDER SEAT LEFT	11eP	CL CLOSE		PL	PLUG			R		W		R	
GP V ELECTRONICS, UNDE		10eP	CLS CENTRAL LOCKING SY	STEM	POT	POTENTIOMETER CUR DISEED			1 1	2 3 4 5 6	7 8 9 10 11	1 12 13 14 15 16	17 18	
GP VI CENTRAL ELECTRIC		6bL	CP CONNECTING POINT CU CONTROL UNIT		PSD RA	PORSCHE LIMITED SLIP DIFFERE REAR AXLE	ENIIAL		' '	- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	- - . -		11 1	
	R ON SIDE MEMBER LEFT	7bL	DEF DEFROST		RDK	TIRE PRESSURE CONTROL								
6P VIII INSIDE LIGHT CONVI	ERTIBLE, ROOF CENTRE FRONT RIGHT	9aN 11aL	D I ELECTRIC IGNITION SY	STEM WITH KNOCK CONTROL	RFL	REAR FOG LIGHT								
GP IX INSIDE LIGHT, ROOF		11aP	DP DISCONNECTING POINT	·····	RHD	RIGHT-HAND DRIVE								
GP X BATTERY, LUGGAG		3eP	ESO ENGINE-SPEED SENSO FA FRONT AXLE	JK UUTPUT	RL ROW	REAR LEFT REST OF WORLD								
	FARTER, TRANSMISSION, ENGINE, BODY)	14cM	FCU FREQUENCY CONVER	ER UNIT	RR	REAR RIGHT								
GP XII ENGINE COMPARTM	ENT REAK LEFT	15c0 15c0	FL FRONT LEFT		SA	SAUDI ARABIA								
TP XIII MOTOR LEFT	ENT REAR RIGHT	15cL	F0G F0G LIGHT		SCS	COMBINED STEERING COLUMN S	SWITCH							•
GP XIII MOTOR LEFT GP XIV ENGINE COMPARTM		7bQ	FR FRONT RIGHT GP GROUND POINT		SS TF	SPEED SENSOR TERMINAL								
GP XIV ENGINE COMPARTM GP XV INSTRUMENTS, SIDE				SYSTEM	USA	USA								
GP XIV ENGINE COMPARTM GP XV INSTRUMENTS, SIDE GP XVI COMBINED LEAD RE	AR LEFT	13dP	HCS HEADLIGHT CLEANING											
GP XIV ENGINE COMPARTM GP XV INSTRUMENTS, SIDE GP XVI COMBINED LEAD RE GP XVII COMBINED LEAD RE	ar left ar right	13dP 12dM	HCS HEADLIGHT CLEANING HF HIGH FREQUENCY		WL	WIRING LOOM								
GP XIV ENGINE COMPARTM GP XV INSTRUMENTS, SIDE GP XVI COMBINED LEAD RE GP XVII COMBINED LEAD RE GP XVIII COMBINED LEAD FR	ar left Ar right Ont right	13dP	HF HIGH FREQUENCY IC INSTRUMENT CLUSTE	R	WP	WELD POINT								
GP XIV ENGINE COMPARTM GP XV INSTRUMENTS, SIDE GP XVI COMBINED LEAD RE GP XVII COMBINED LEAD RE	AR LEFT AR RIGHT ONT RIGHT ONT LEFT	13dP 12dM 4cM	HF HIGH FREQUENCY IC INSTRUMENT CLUSTE LED LIGHT-EMITTING DIOD	R										
GP XIV ENGINE COMPARTM GP XV INSTRUMENTS, SIDE GP XVI COMBINED LEAD RE GP XVII COMBINED LEAD RE GP XVIII COMBINED LEAD FR GP XIX COMBINED LEAD FR GP XXX SEAT CROSS MEMB	AR LEFT AR RIGHT ONT RIGHT ONT LEFT ER, UNDER SEAT RIGHT R CONSUMERS, CONNECTION CRANK CASE	13dP 12dM 4cM 4cP	HF HIGH FREQUENCY IC INSTRUMENT CLUSTE	R	WP	WELD POINT								

ADDITIONAL WIRING DIAGRAM TRAILER COUPLING







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97-185

BK = BLACK

WT = WHITE

RE = RED

YE = YELLO

BR = BROV

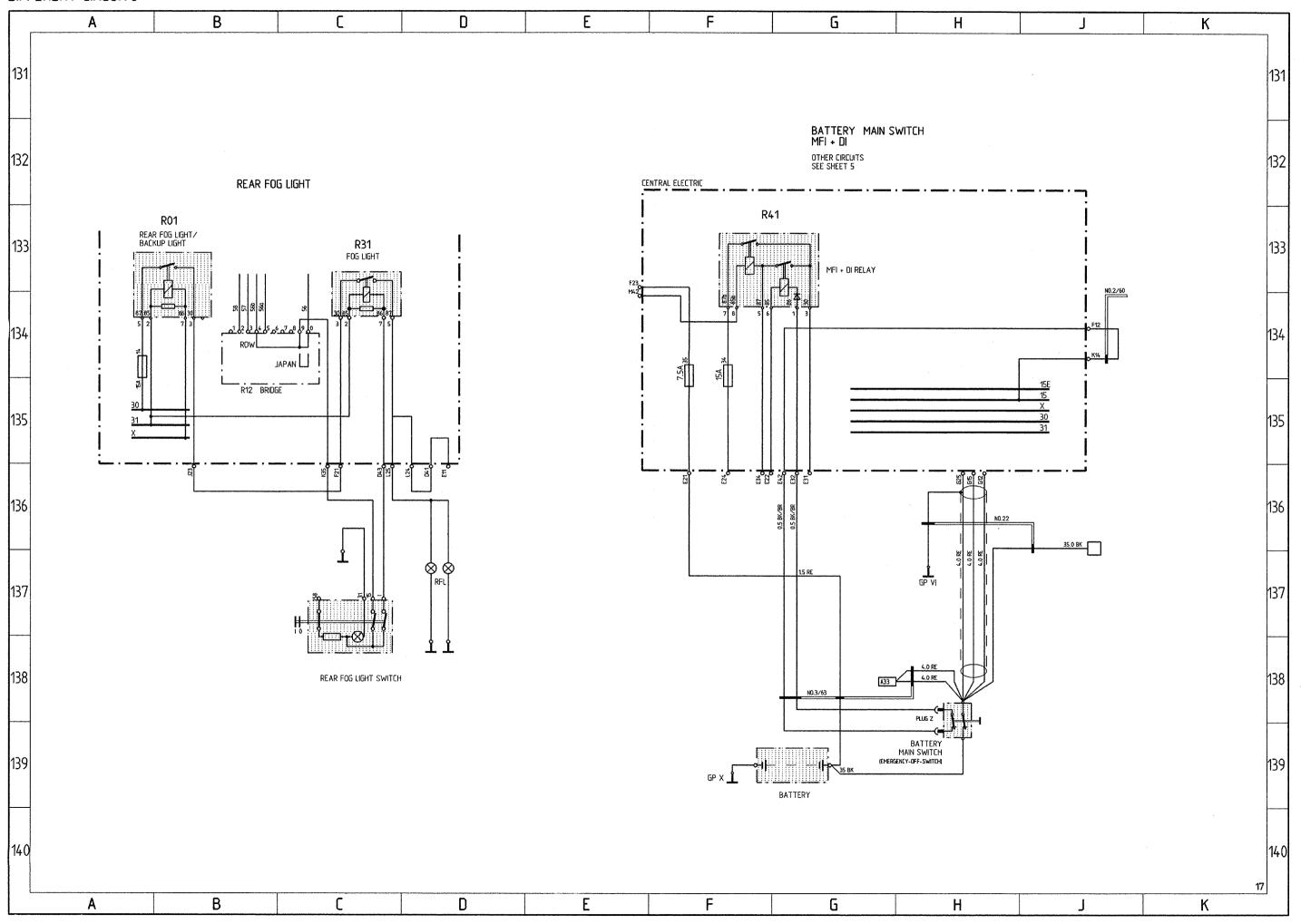
BL = BLUE

VI = VIOLET

PK = PINK

OR = ORANGE

WIRING DIAGRAM 97-185



GN = GREEN

VI = VIOLET