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PORSCHE

Technical Manual

Boxster

Technical Information

Repair

Contents:

Group 9
Circuit diagrams
Part 1 (up to and including '99 model)

WKD 483 521

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Foreword

The workshop documentation for the Boxster model has the designation **"Boxster" Technical Manual** and contains **Technical Information** as well as instructions on **Repairs**.

The integration of the technical information published in the "Boxster" Technical Manual with the descriptive matter on repairs provides the user with a complex reference work that combines into one book associated or cross-referenced material of relevance to workshops and originating from various information media.

The "Boxster" Technical Manual consists of 15 folders, subdivided into the following Groups

0	Entire vehicle – General
0	Diagnosis, part 1 (up to Repair Group 45) *1
0	Diagnosis, part 2 (as of Repair Group 69) *2
1	Engine, part 1 (up to Repair Group 13) *3
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2	Fuel, exhaust, engine electronics
3	Transmission, manual transmission
3	Transmission, automatic transmission
4	Running gear
5	Body
6	Body equipment, exterior
7	Body equipment, interior
8 / 9	Air conditioning / Electrics
9	Circuit diagrams, part 1 (up to and including the '99 model) *5
9	Circuit diagrams, part 2 (as of the '00 model) *6

*1 The two folders with Group 0 are to be regarded as one folder; i.e. file the "Technical Information" notices only in front of the repair descriptions in the folder "Group 0 – Diagnosis, part 1" **(up to Repair Group 45)**.

*2 The **second folder** "Group 0 – Diagnosis, part 2" **(as of Repair Group 69)** includes the further Repair Groups belonging to Group 0.

*3 The two folders with Group 1 are to be regarded as one folder; i.e. file the "Technical Information" notices only in front of the repair descriptions in the folder "Group 1 – Engine, part 1" **(up to Repair Group 13)**.

*4 The **second folder** "Group 1 – Engine, part 2" **(as of Repair Group 15)** includes the further Repair Groups belonging to Group 1.

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*5 The two folders with Group 9 are to be regarded as one folder; i.e. file the "Technical Information" notices only in front of the repair descriptions in the folder "Group 9 – Circuit diagrams, part 1" **(up to the '99 model)**.

*6 The **second folder** "Group 9 – Circuit diagrams, part 2" **(as of the '00 model)** includes the further circuit diagrams belonging to Group 9.

The "Boxster" Technical Manual has the same structure in each folder, with the following breakdown for all Groups:

Title page, "Boxster" Technical Manual
> Foreword

Title page: "Technical Information"
> Table of Contents, Technical information
> Technical information

Title page: "Repair"
> Repair Groups: overview
> Table of Contents, repairs
> General / technical data
> Instructions on repairs

As can be seen from the breakdown, the published Technical Information is in the front part of each folder – numbered according to the Groups. The Table of Contents assigned to each Group will be periodically updated.

Following the Technical Information, separated by a title page, the instructions on repairs – assigned according to the Groups or broken down into Repair Groups – are included in the folder.

The instructions on repairs will be extended and updated by means of supplements.

Note

Sheets that already exist in the "Boxster" Technical Manual and are updated or revised and thereby exchanged by a supplement are designated "Replacement sheet". Revisions or technical modifications on pages of these replacement sheets are identified for the user with a vertical bar at the margin.

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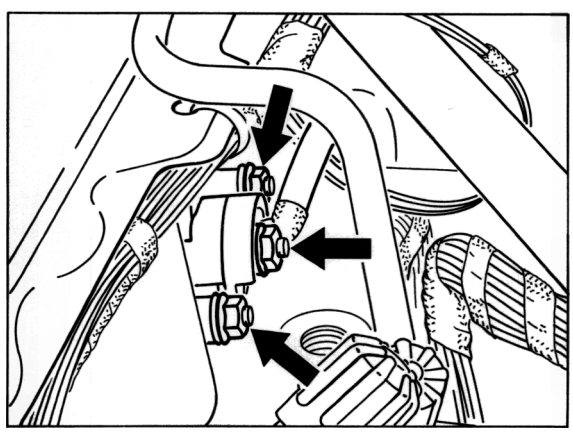
97 89 19 Removing and installing current distributor

Removal

1. Disconnect battery and cover the terminal or battery.

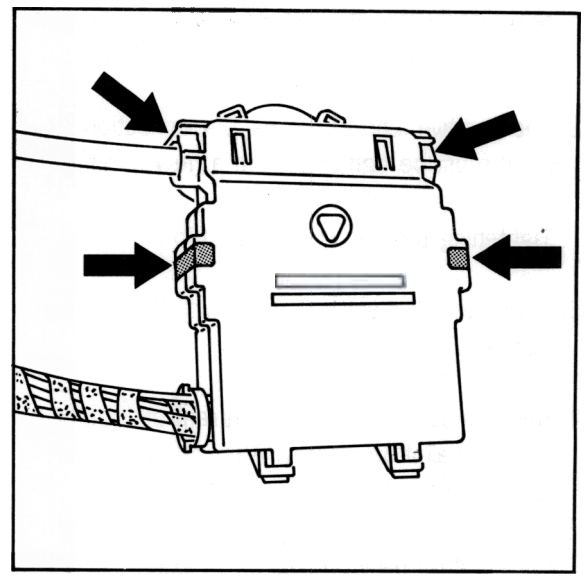
2. Remove protective cap and undo M 8 fastening nut of the battery cable on the current distributor.

3. Undo both M 8 fastening nuts on the current distributor and lower the current distributor from the firewall into the passenger's footwell.



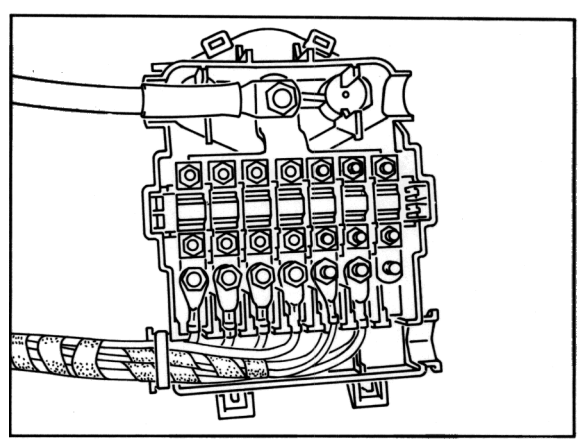
113 - 96

4. Before removing the outer lid, remove the two sealing labels. Open and disengage the outer lid.



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5. After marking the allocation of the vehicle electrical system leads to the associated fusible elements, disconnect the vehicle electrical system leads and the positive lead to the B+ disconnection point.



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Installation

1. The vehicle electrical system leads must be connected in the correct order to the new current distributor with **new** original M 6 hexagon nuts. Tightening torque: 7 Nm (5.0 ftlb.)

2. The positive lead to the B+ disconnection point must be tightened with a **new** original M 8 hexagon nut.
   Tightening torque: 15 Nm (11 ftlb.)

3. The outer lid must be sealed with the two service labels (red).

4. Replace seal between the current distributor and firewall if necessary. After fitting the current distributor on the firewall (tightening torque: 15 Nm (11 ftlb.)), fasten the battery cable with a **new** original M 8 hexagon nut.
   Tightening torque: 15 Nm (11 ftlb.)

5. As it is essential to observe the tightening torques for the hexagon nuts, these values are stamped into the inner lid. The original repair set "current distributor" is available as a spare part.

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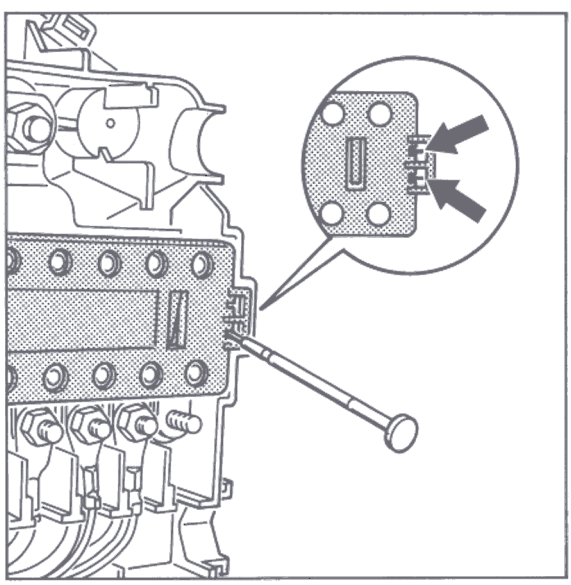
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97 92 19 Removing and installing fusible element in the current distributor

Removal

1. Remove current distributor as described up to step 4 in Repair Group 97 - 01.

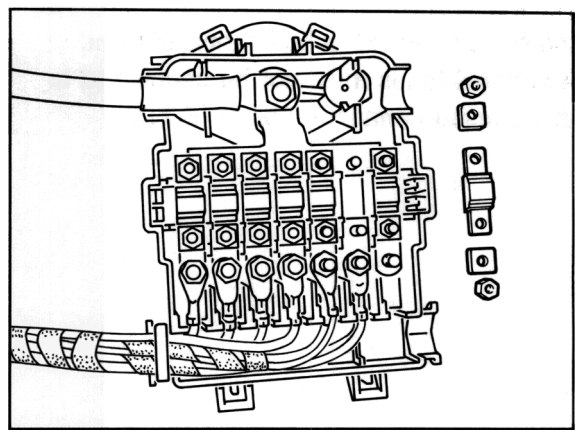
2. After removing the outer lid, remove the inner lid. To do this, sever the four locking tabs by inserting a small screwdriver through the opening slots.



648/1 - 96

3. Take off inner lid and remove the severed locking tabs.

4. Remove the blown fusible element. Remove M 5 hexagon nuts and intermediate layers together with the blown fusible element. These parts must not be used again.



649 - 96

Installation

1. Install new fusible element. The new fusible element and new intermediate layers and M 5 fastening nuts are included in the original repair set "fusible element".

2. Install new original fusible element, intermediate layer and M 5 hexagon nut and tighten. Tightening torque: 3.5 Nm (2.5 ftlb.)

3. The **blue** service inner lid is engaged after installation.

4. Engage the outer lid and seal with two service labels (red).

5. Install the current distributor as described as from step 4 in Repair Group 97 - 02.

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Free connection point in the current distributor

Note

The free connection point (F 7) in the current distributor is fused with a 50-A fusible element.
Additional loads must not be connected to this unused connection point (F 7).

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97 92 Allocation of free fuse connection points

Note

Additional loads must not be connected to the existing "free" fuse locations in the fuse box.

One exception is fuse D 10 (see wiring diagram, connection point retrofit max. 5 A).

The load on the fusible elements in the current distributor was carefully set during development. Connecting additional loads could lead to an overload in the current distributor or to disturbances in the vehicle electrical system.
If an external load is to be retrofitted nevertheless, it must be connected directly to B+ and fused accordingly (series fuse). The wiring can be routed into the passenger compartment through the service opening in the firewall (closed behind the battery with a rubber sleeve) and with an appropriate seal.

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97 Measurement of closed-circuit current

Note

Closed-circuit current should preferably measured using an analog ammeter (measuring instrument with gauge) or digital multimeter with a long integration time (to filter voltage peaks).

Before measuring the closed-circuit current, determine the vehicle equipment (M-numbers) and ascertain the expected closed-circuit current with the aid of the attached table.

Preparations on the vehicle

Open the front luggage compartment. Using a suitable tool, close lower part of the luggage compartment lock whilst keeping the luggage compartment lid open. This tool may consist of the upper part of the lock, to which a handle is screwed. Remove the ignition key and lock vehicle with the remote control (the alarm system is then primed).

Connect measuring instrument:

To retain the radio code or PCM code the following procedure is recommended.

1. Set the measuring instrument to the highest possible current-measuring range.

2. With two alligator clips, connect the measuring instrument to the battery ground and to the unoccupied second body ground which is always available for RHD and LHD versions.

3. Remove ground strap from the body secure against contact with the body. The entire vehicle current now flows through the ampmeter.

Measurement:

1. Select a measuring range which ensures that the pointer of the instrument is in the upper third of the scale, as far as possible. Switch over measuring range without interruption. Read off the measuring range only when **30 minutes** have passed since the vehicle was locked.

2. As the close-circuit current does not flow in a uniform manner, a tolerance must be allowed for slightly pulsating fluctuations in the displayed measured value (see note).

3. Compare the displayed measured value with the value previously determined with the aid of the equipment list. Differences of 20 % are possible due to different battery charge conditions or temperatures.

4. After measurement, first screw the ground strap back onto the body. This procedure ensures that the radio code is retained.

Note

If the value of the closed-circuit current is higher than the value determined in the table, the cause must be established.

The recommended troubleshooting procedure is to disconnect the fuses of terminal 30 and the relays one after the other, with the measuring instrument connected. Observe the measuring instrument when removing the fuses, in order to recognise a reduction in current. After troubleshooting, screw the ground strap back onto the body according to specifications.

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Caution:

Do not switch on any electrical loads (starting the engine, deactivating the alarm system, and so on) during measurement.

Table of closed-circuit currents

M-number	Designation	Value in mA
Standard 531 651	Generator, Motronic, instrument cluster Immobilizer/central locking Power windows, front	14
249 Tiptronic	Tiptronic control module (after the battery has been disconnected, terminal 15 must have been connected at least once to the control module).	1
Cabriolet	Power windows, rear, convertible-top control module	3
534 or 535	Alarm system with passenger compartment monitoring and radio remote control	7
537	Seat memory	1
662 692, 490, 680	Radio or PCM CD changer and sound package	4
	Sum total	**(max. 30)**
	+ 20 % tolerance	(max. 6)
	Maximum value	**(max. 36)**

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97 09 41 Repairing main wiring harness

Note

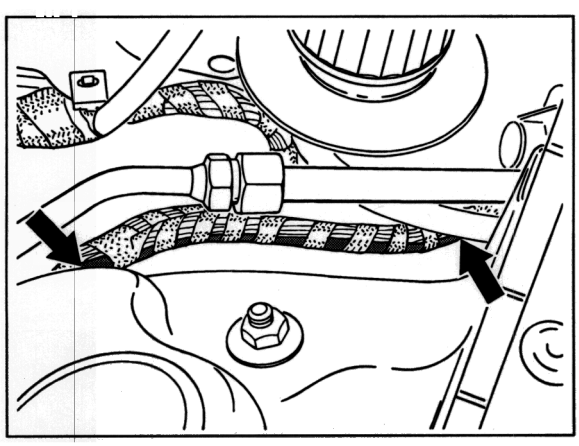
The combination wires for ABS and brake wear indicator are integrated in the wiring harness. In the case of damage, the integrated wires can be cut off and replaced by repair wires. The disconnection points are located at the front left and front right above the radiator tank.

Carry out the following function tests after the repair:

ABS: Test with the Porsche System Tester 2.

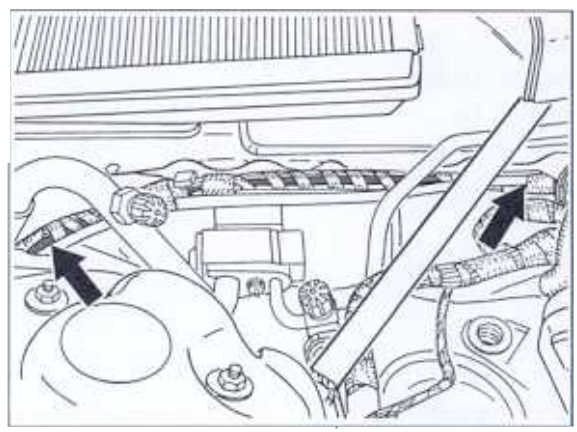
Brake wear indicator: The indicator lamp must go out when the engine is running and the brake pads are intact.

Disconnection point, front left:
Connect wires between arrows with crimp connectors.



159_98

Disconnection point, front right:
Connect wires between arrows with crimp connectors.



158_98

Removal

1. Remove cover over the battery and radiator tank.

2. Disconnect the battery and cover terminal or battery.

3. Remove front wheel housing liner. Undo cable ties in area of the wheel housing and remove the combination wire.

4. Carefully remove insulating tape from the combination wire in the area of the disconnection point, and cut off the old combination wire ahead of the exit point to the wheel housing (do not damage any other wires).

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Installation

1. Install repair wire in the wheel housing. Connect wires according to the table using crimp connectors and crimping pliers (see Workshop Equipment Manual, No. 155 - 1).

2. Colour marking of the left and right sides of the wires:

Wire 1 - bn/gn
Wire 2 - bn/bk
Wire 3 - bn
Wire 4 - bn/bu
Wire 5 - bn/wt

bn - brown
bk - black
bu - blue
wt - white
gn - green

3. Cut wires to length in the disconnection area.

Combination wire		Front-end wire	
Colour	Length mm	Colour	Length mm
bn/bk	20	bn/bk	100
bn/gn	40	bn/gn	80
bn/wt	60	bn/wt	60
bn/bu	80	bn/bu	40
bn	100	bn	20

4. Take care when stripping the wire ends. Other wires must not be damaged.

5. Slide on the included heat-shrink tubing sections.

6. Slide the large section of heat shrink tubing over all wires.

7. Strip wire ends to a length of 10 mm.

8. Connect wires with crimp connectors.

9. Shrink heat-shrink tubing with a hot-air gun. Important: all wires must be waterproof.

10. Wrap the entire remaining connection areas with commercially available PVC tape.

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97 25 41 Repair – rear wiring harness

Note

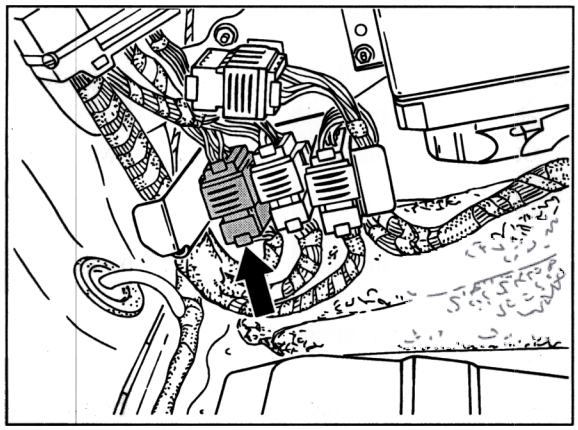
The combination wires for ABS and brake wear indicator are integrated in the wiring harness. In the case of damage, the integrated wires can be removed and replaced by repair wires. The disconnection point is plug connector X 2/2 for the passenger compartment/rear end (yellow) or connector points in the rear luggage compartment.

Carry out the following function tests after the repair;

ABS: Test with the Porsche System Tester 2.

Brake wear indicator: The indicator lamp must go out when the engine is running and the brake pads are intact.

Plug connection X 2/2 for the passenger compartment/rear end:
Install prepared contacts or connect wires at the connector points.



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Removal

1. Disconnect the battery and cover terminal or battery.

2. Detach combination wire in the rear wheel housing area. Remove lining for rear wall of the convertible top compartment.

3. Disconnect the plug connections. Detach control module and retaining bracket for the plug connections on the rear wall of the convertible top compartment and expose the combination wire.

4. Carefully remove insulating tape from the combination wire to plug connector X 2/2 (do not damage any other wires).

Installation

1. Install repair wire in the wheel housing and route it to plug connection X 2/2.

2. Connect wires to the connector points using crimp connectors and crimping pliers (see Workshop Equipment Manual, No. 155 - 1). Fit prepared contacts into plug connection X 2/2.

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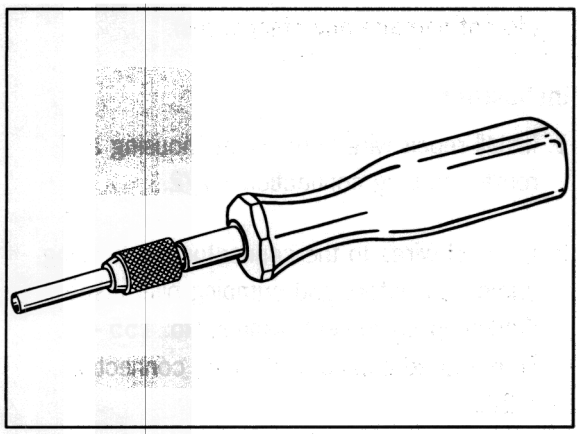
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3. Colour marking of the left and right sides of the wires:

Wire 1 - bn/gn
Wire 2 - bn/bk
Wire 3 - bn
Wire 4 - bn/bu
Wire 5 - bn/wt

bn - brown
bk - black
bu - blue
wt - white
gn - green

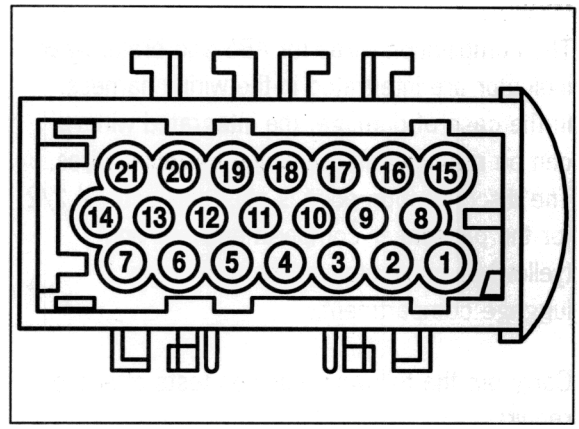
4. Unlocking tool to unlock the old contacts in the plug connection (see Workshop Equipment Manual, No. 155).



164_98

5. Unlock the old contacts of the combination wire with the unlocking tool and remove. Install new contacts of the repair wire at the same positions.

6. Plug connection X 2/2 (yellow)



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7. Combination wire, rear left:
Combination wire for ABS and brake wear indicator in plug connection X 2/2 (yellow)
bn/wt in pin 1 (ABS)
bn/bu in pin 2 (ABS)
bn/bk in pin 3 (brake wear indicator)

Combination wire, rear right:
bn/wt in pin 6 (ABS)
bn/bu in pin 5 (ABS)
bn/bk in pin 4 (brake wear indicator)

8. Ground wires of the combination wires (brown) are identical for the left and right sides. Connector point No. 44 according to wiring diagram.

- Strip wire ends to a length of 10 mm.
- Push on heat shrink tubing.
- Use crimp connectors to connect brown wire of combination wire with brown wire of rear wiring harness.

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Shrink heat-shrink tubing with a hot-air gun so that it is waterproof.

9. Brake wear indicator wires of the combination wire (brown/green) are identical on the left and right sides.
Connector point No. 43 according to wiring diagram.

   – Strip wire ends to a length of 10 mm.

   – Push on heat shrink tubing.

   – Use crimp connectors to connect brown/green wire of combination wire with brown/green wire of rear wiring harness.

   – Shrink heat-shrink tubing with a hot-air gun so that it is waterproof.

10. Wrap wires with commercially available PVC tape.

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Wiring Diagram Boxster Model 97

	Coordinates	
Sheet 1	1 - 10	Lights RoW
Sheet 2	1 - 10	Lights USA
Sheet 3	11 - 20	Instrument Cluster and Sensor
Sheet 4	21 - 30	Wipe - and Wash Cleaners, Two - Tone Horns, Power Window, Mirror
Sheet 5	41 - 50	Engine Cooling, Heating, Air Conditioning System
Sheet 6	51 - 60	Mirror Adjustment, Seat Heating, Rear Window Defogger
Sheet 7	61 - 70	Convertible Top Drive
Sheet 8	71 - 80	Spoiler Extend
Sheet 9	81 - 90	Central Locks, Alarm System, Interior Monitoring
Sheet 10	91 - 100	Antilock Braking System
Sheet 11	101 - 110	Tiptronic
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Sheet 18		Connectors and Abbreviations
Sheet 19		Welding Point
Sheet 20		Relay Support 1, Relay Support 2
Sheet 21		Fuses

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Wiring Diagram Boxster Model 97

The wiring diagram consists of individual wiring diagrams and overview sheets for ground points, components, plugs, connector points, relay holders an fuses. The individual wiring diagrams are divided up into coordinate fields.

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

The connectors are identified by an X and a number.

Wherever wires branch to another page, the coordinates and, in certain cases, the terminal markings are indicated.

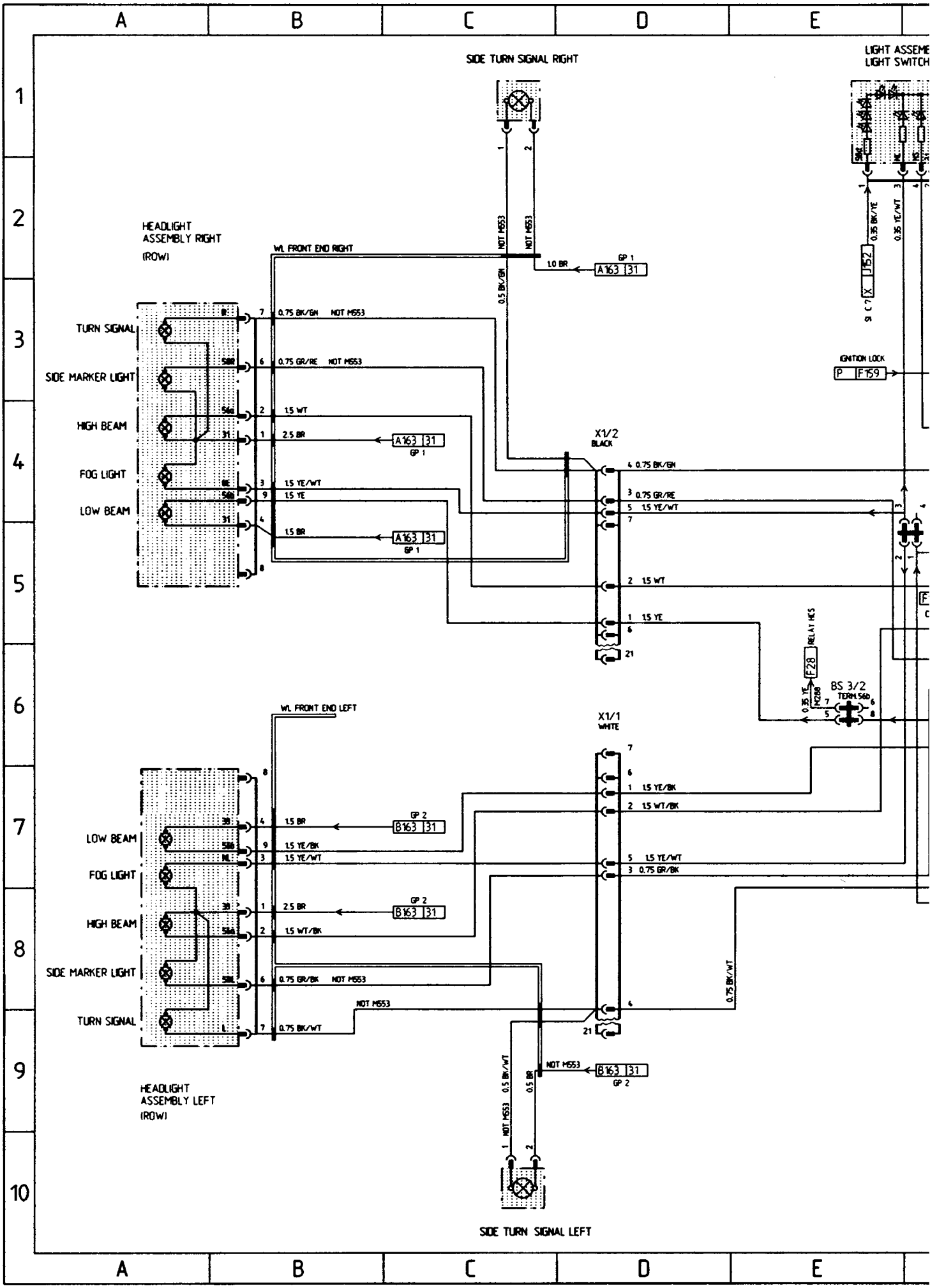
The feed wire of wire joints and bridge connectors is indicated by an arrow.

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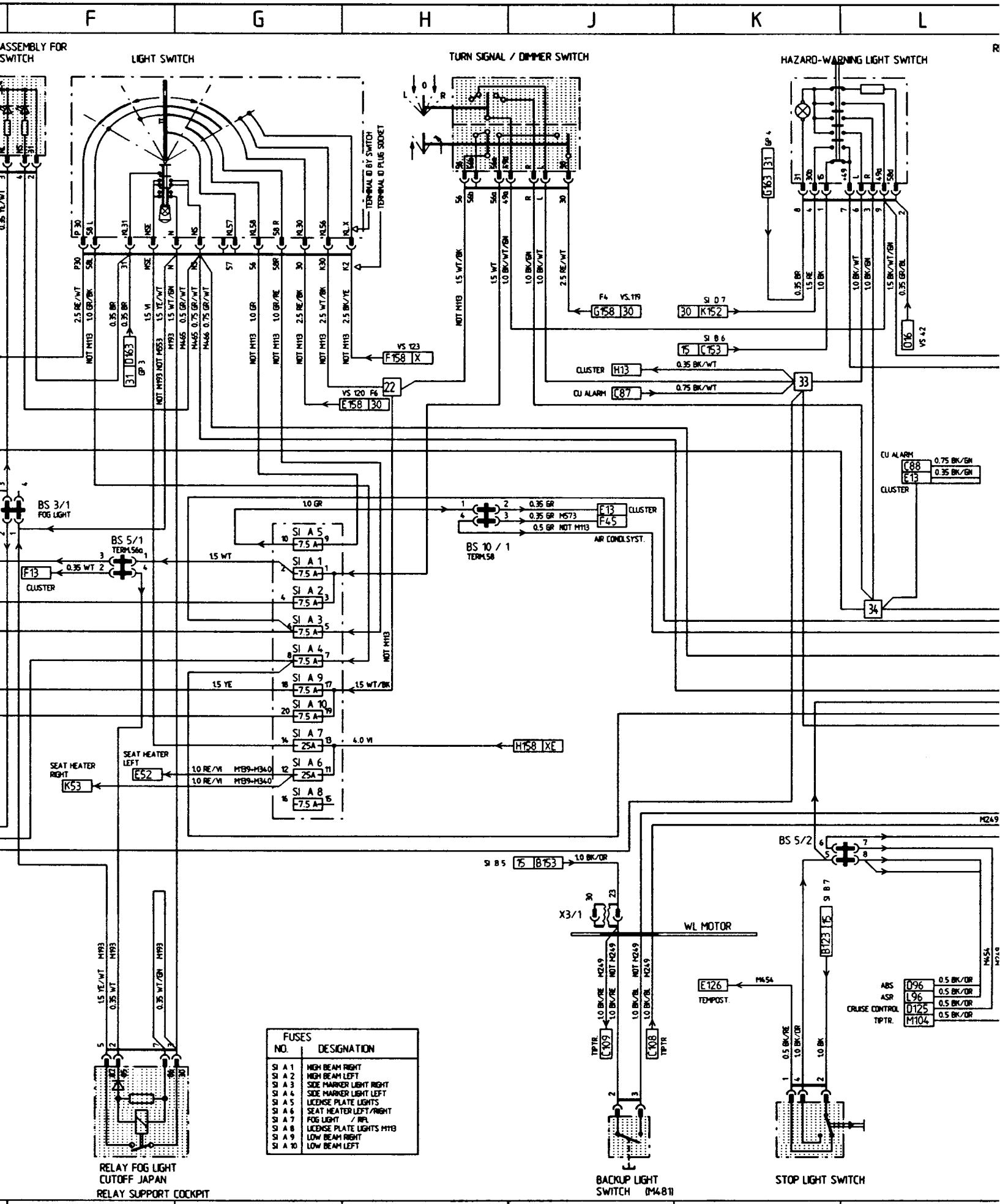
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LIGHTS ROW



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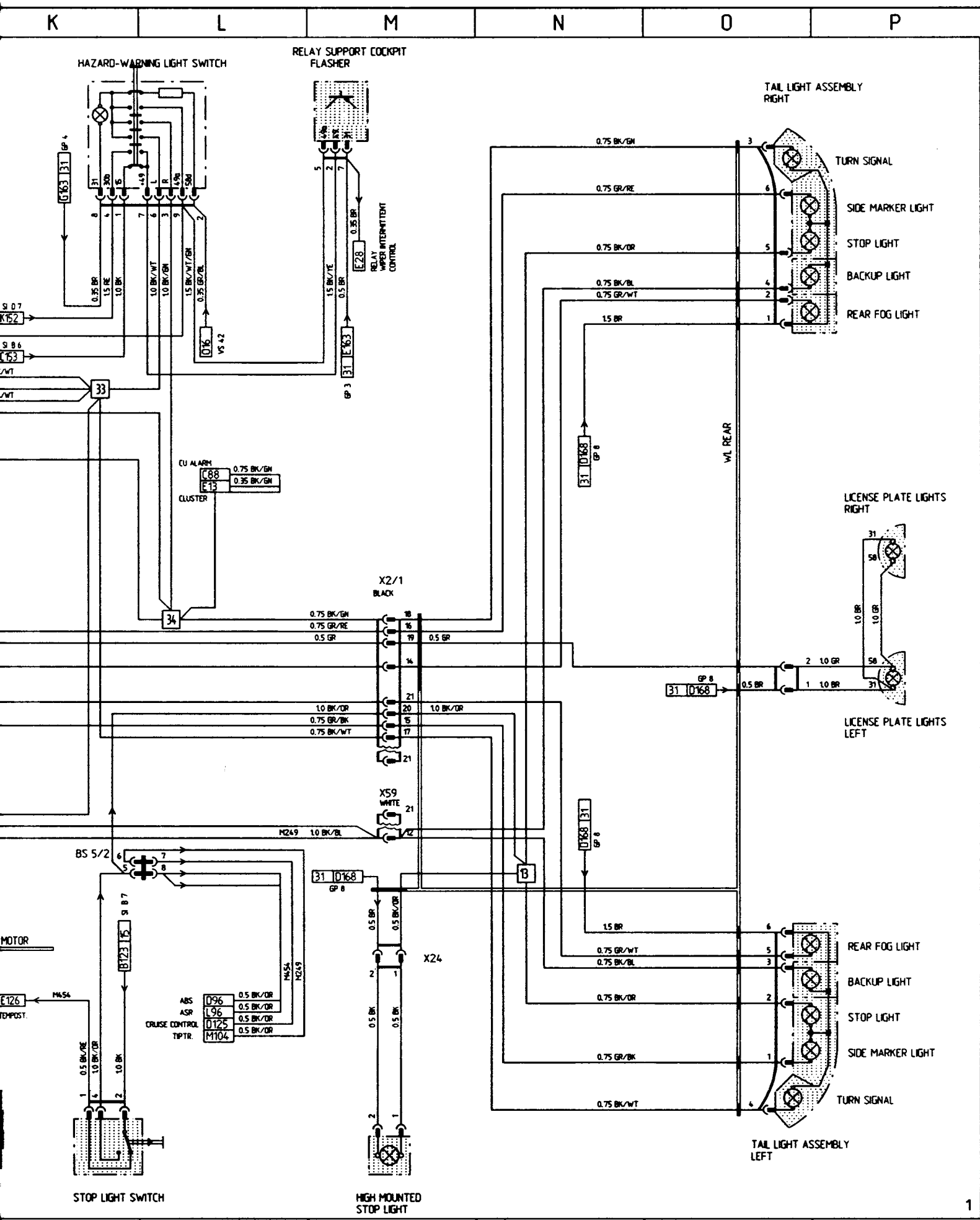
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BL = BLUE BR = BROWN YE = YELLOW GN = GREEN GR = GREY PK = PINK RE = RED BK = BLACK VI = VIOLET WT =

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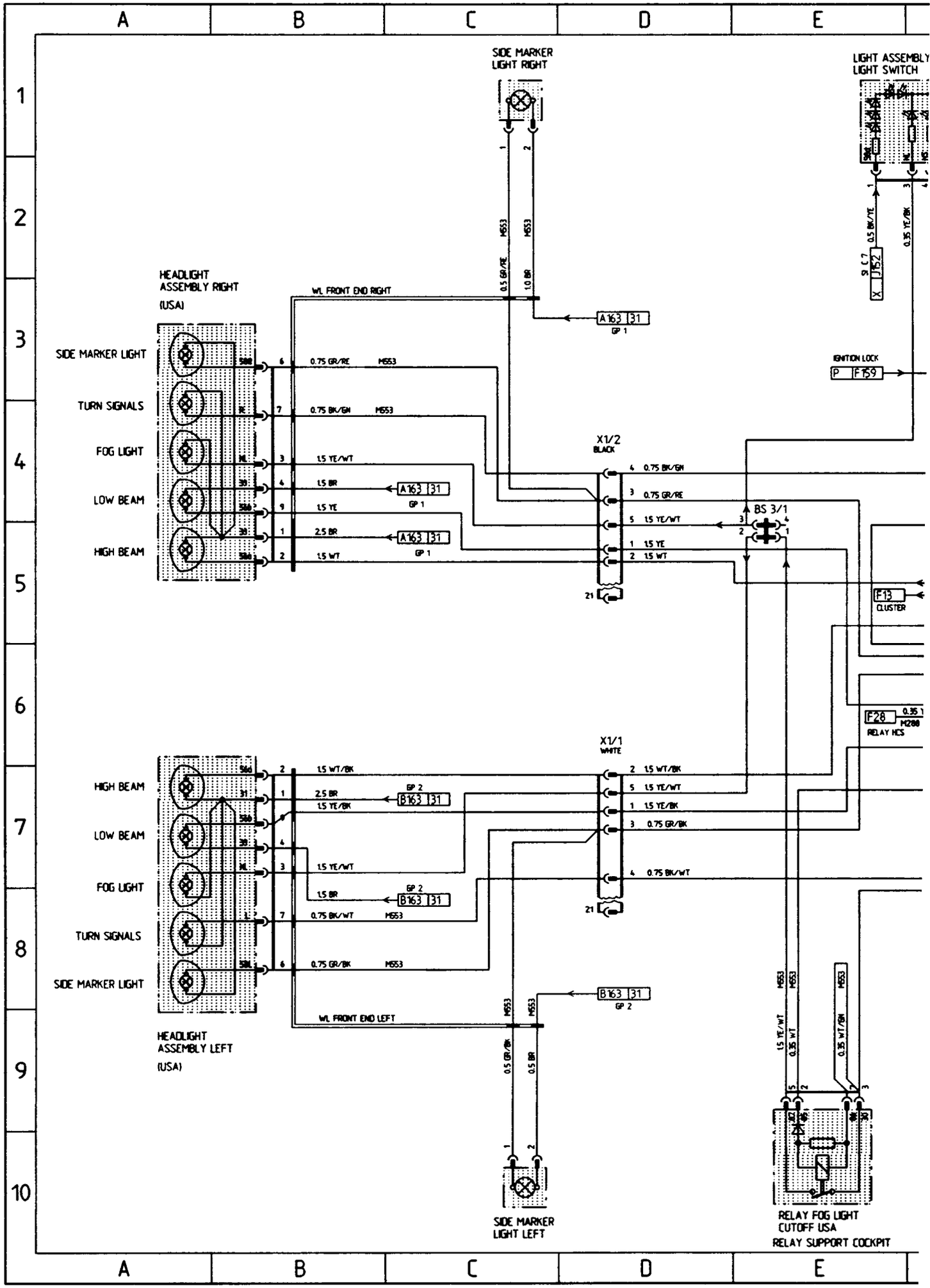


RED BK = BLACK VI = VIOLET WT = WHITE

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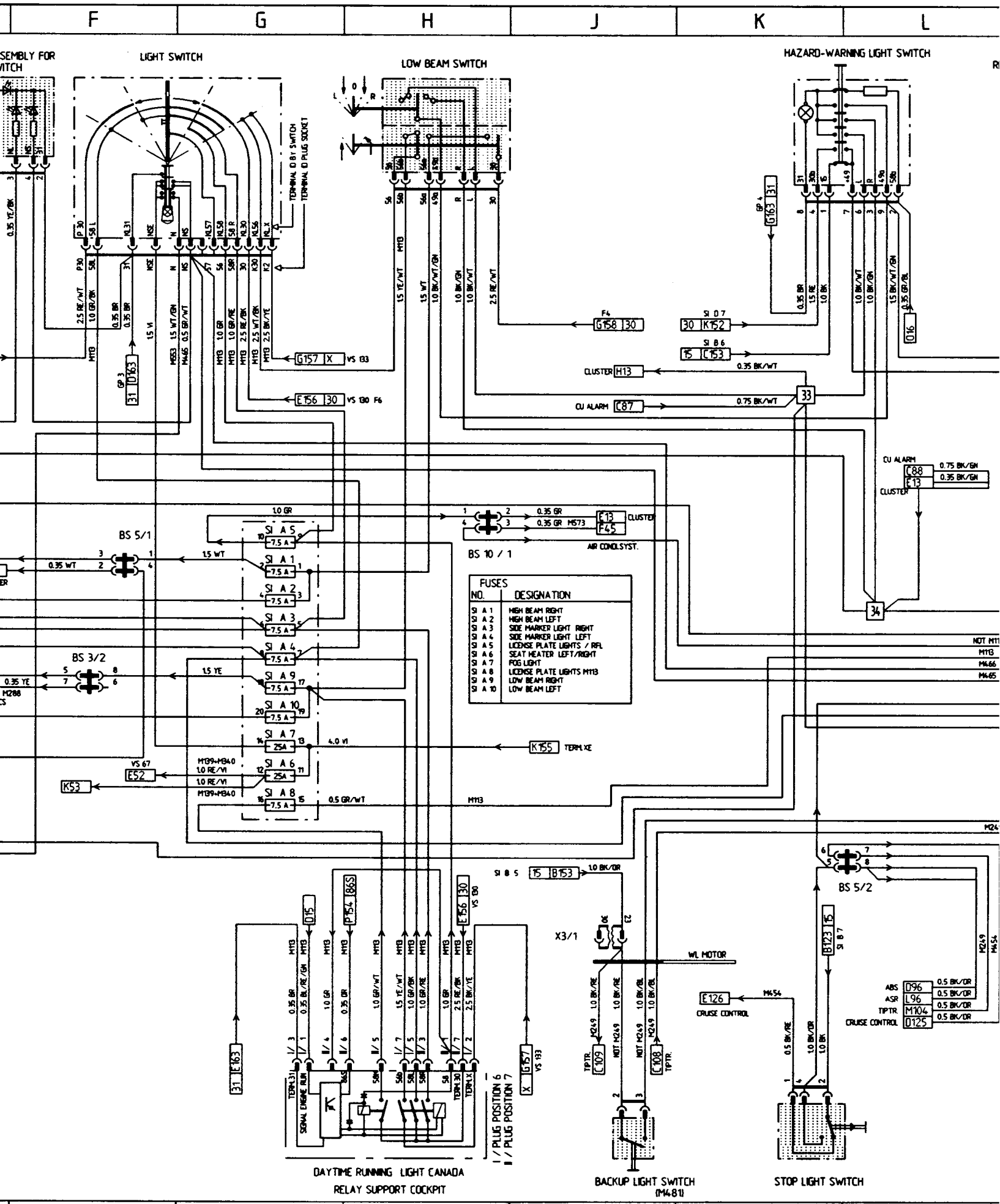
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LIGHTS USA



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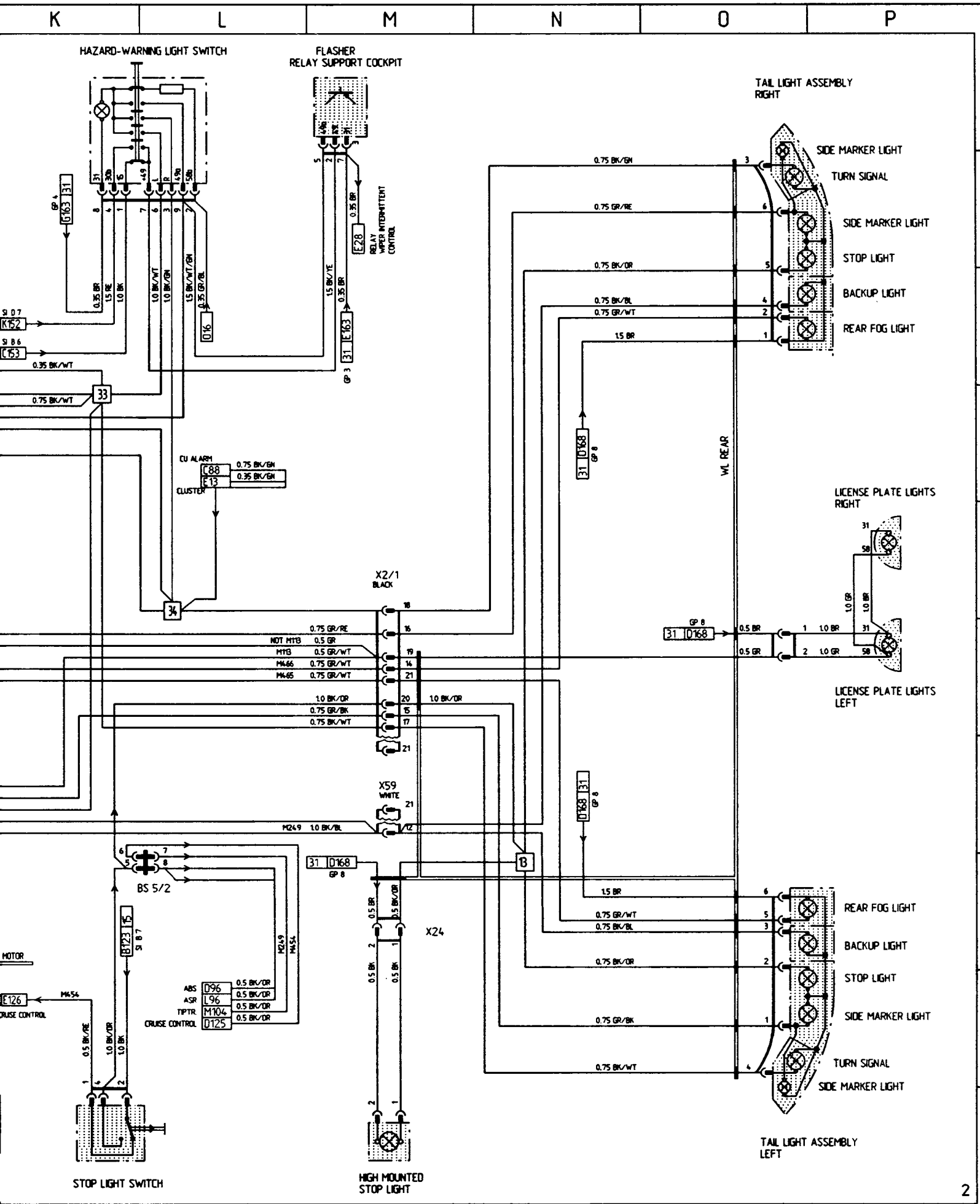
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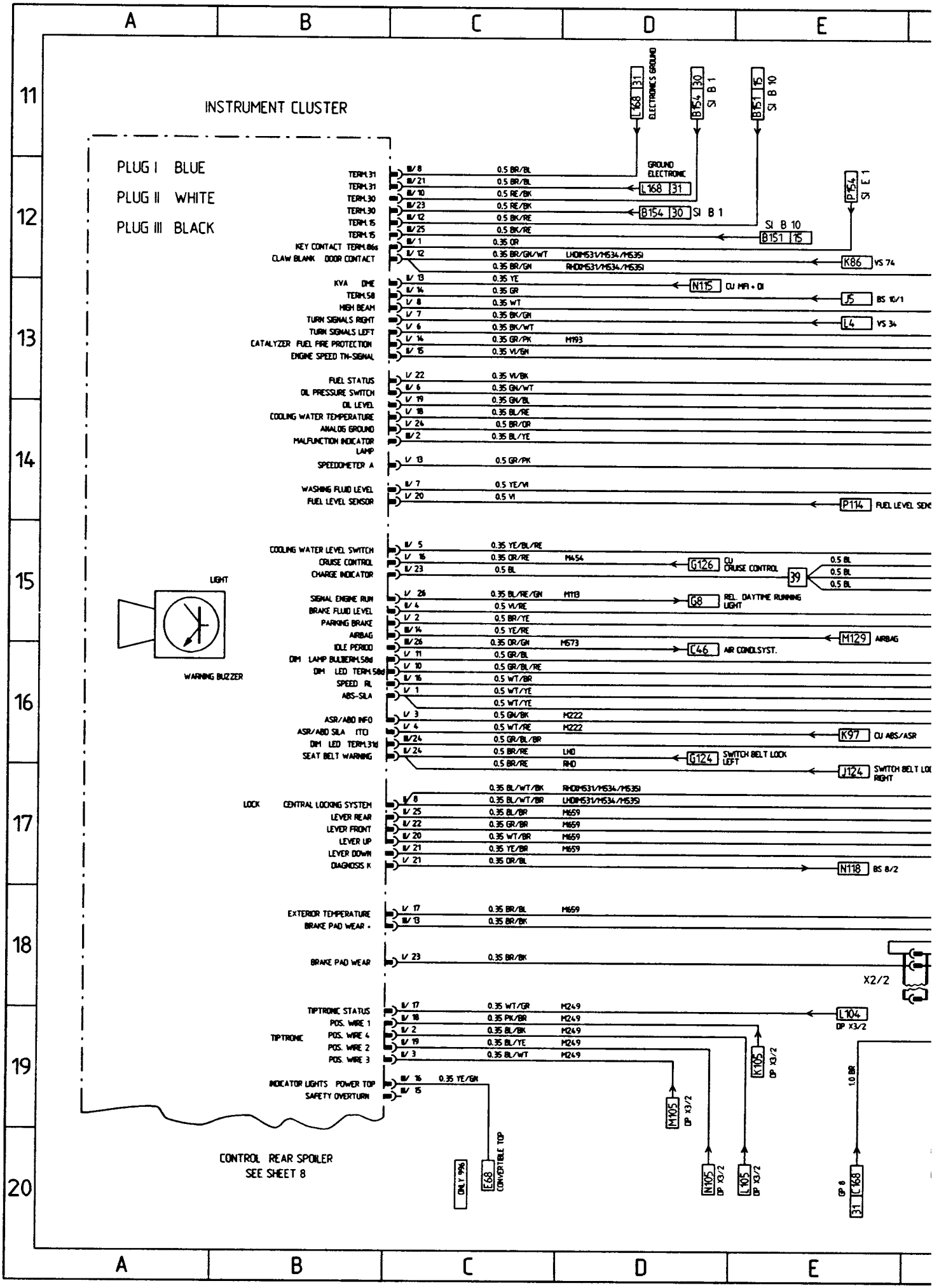
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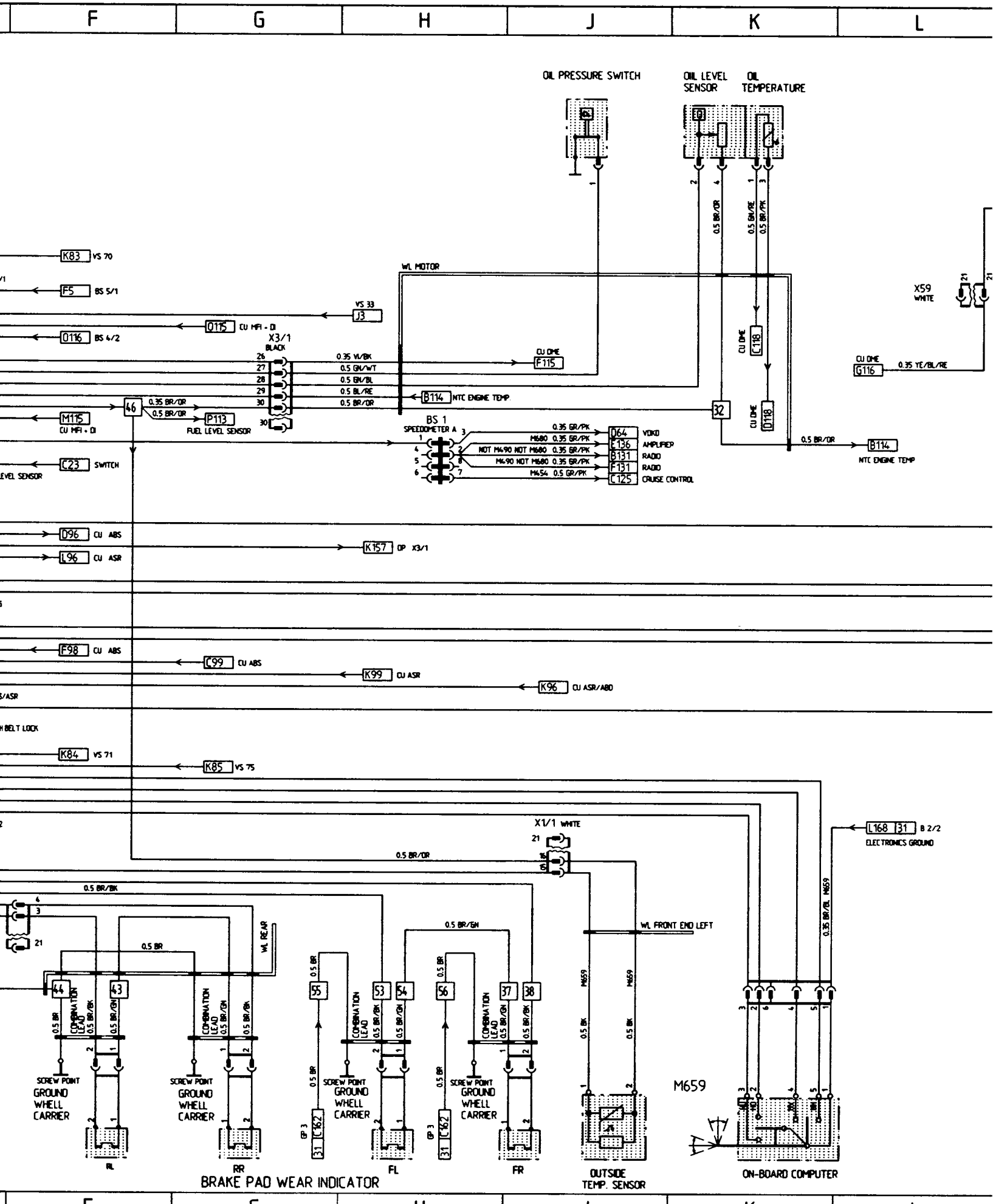
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INSTRUMENT CLUSTER AND SENSOR



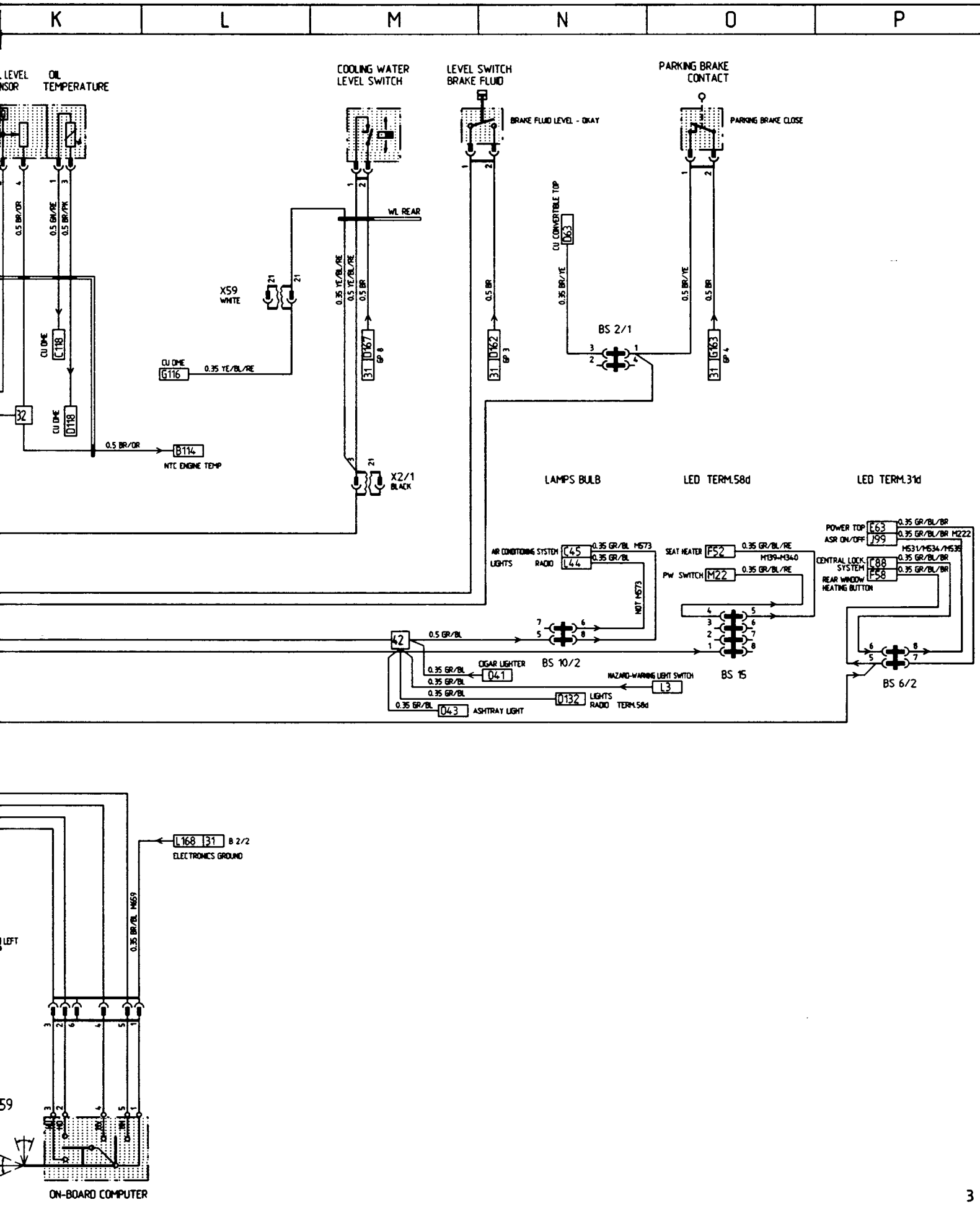
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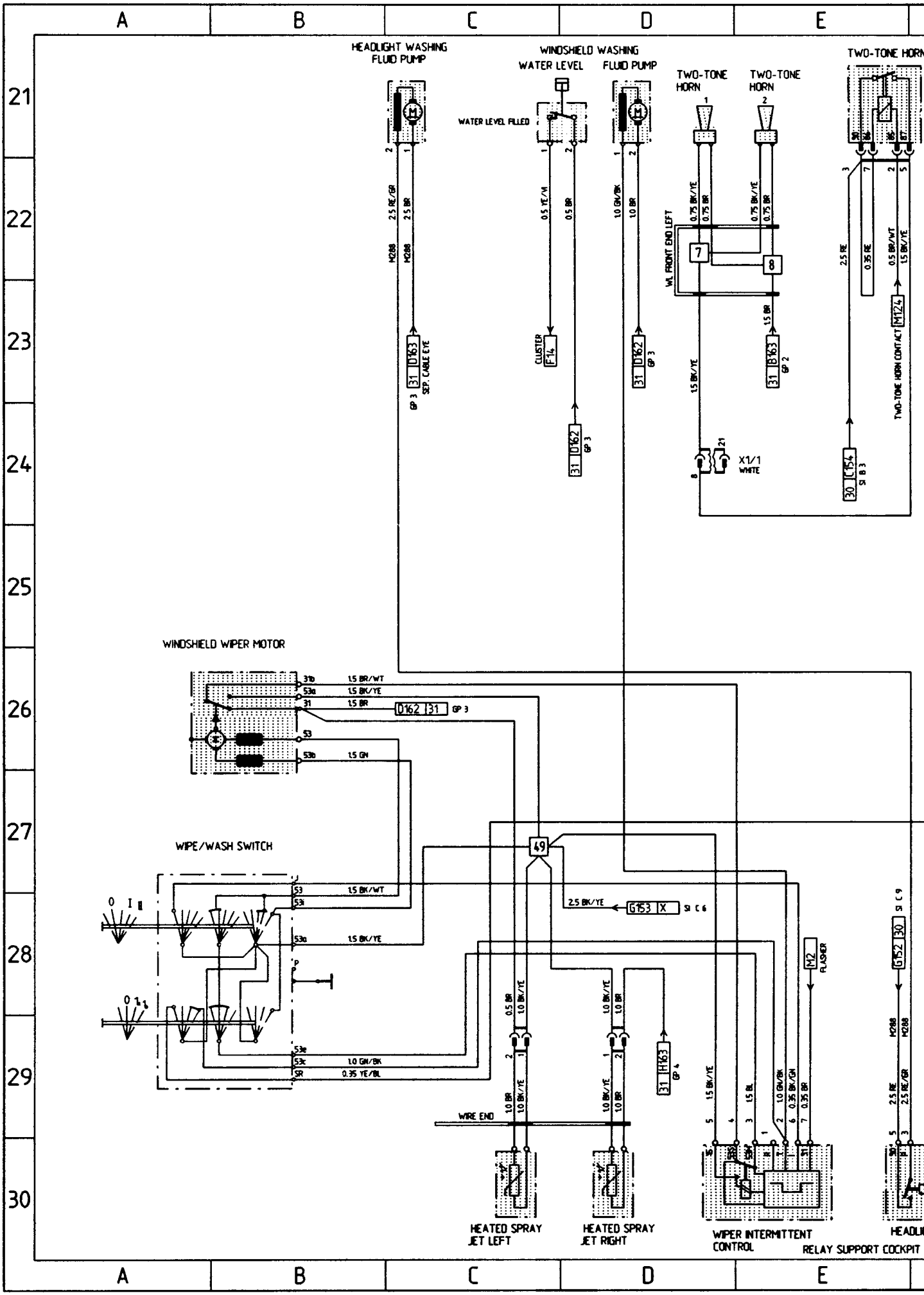
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WIPE- AND WASH CLEANERS, TWO-TONE HORNS, POWER WINDOW, MIRROR

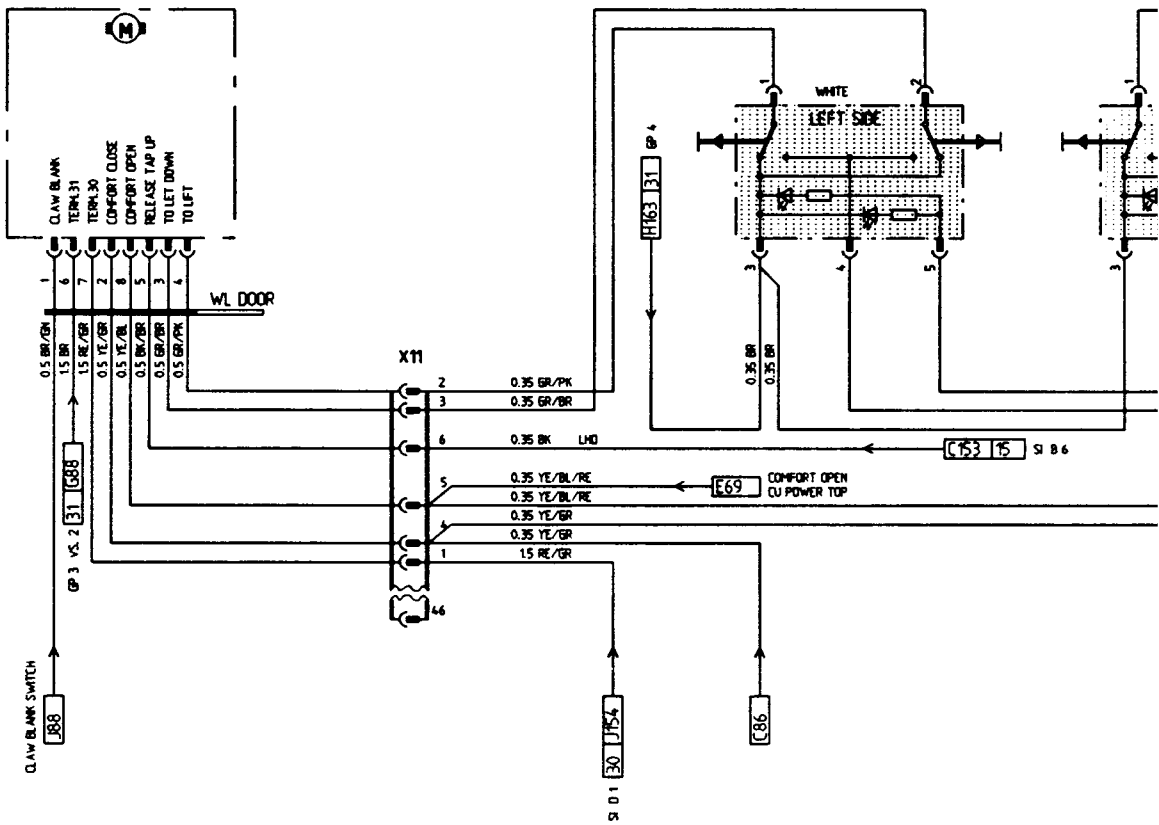


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POWER WINDOWS

POWER WINDOW MOTOR
LEFT SIDE



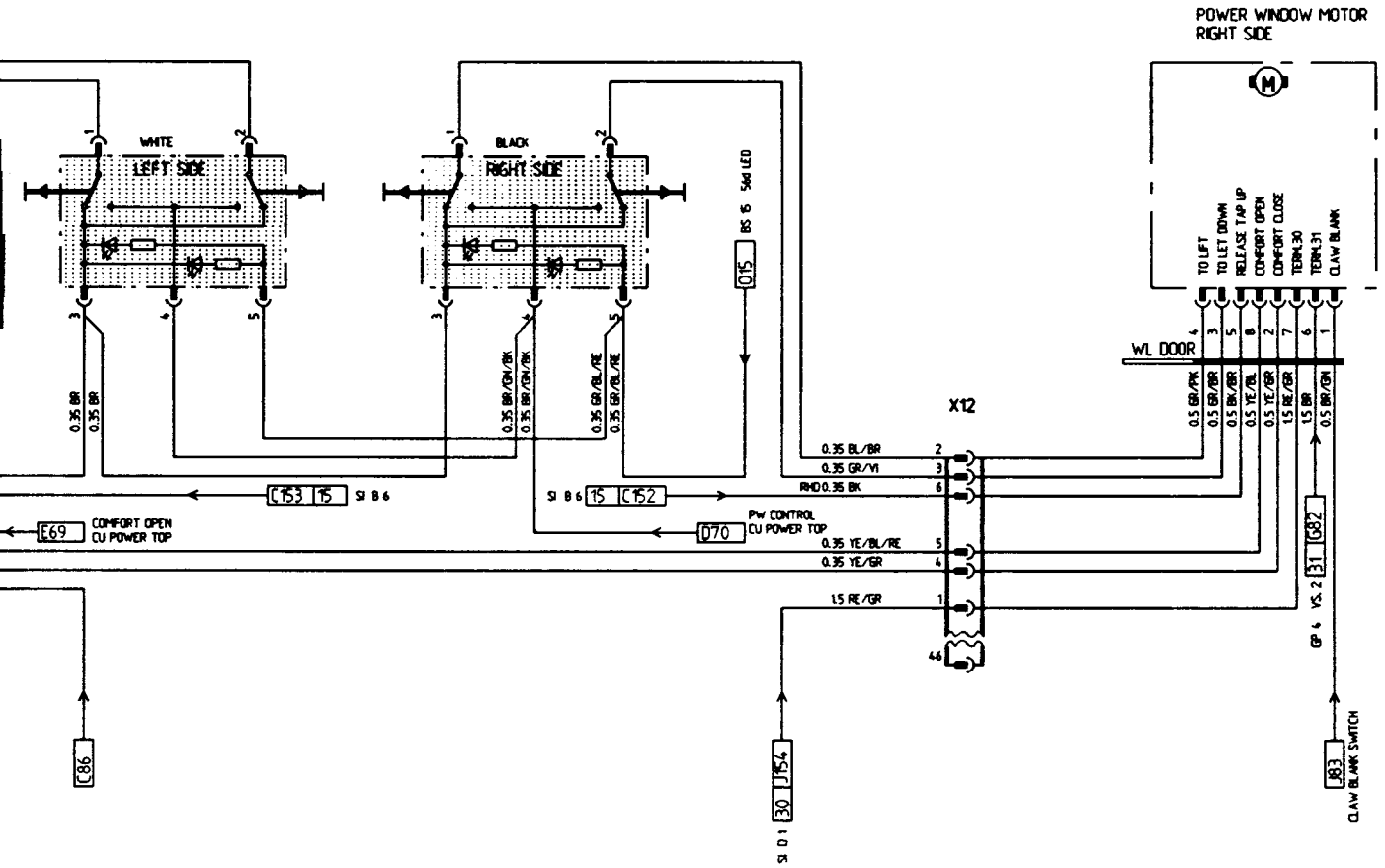
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K L M N O P

POWER WINDOWS



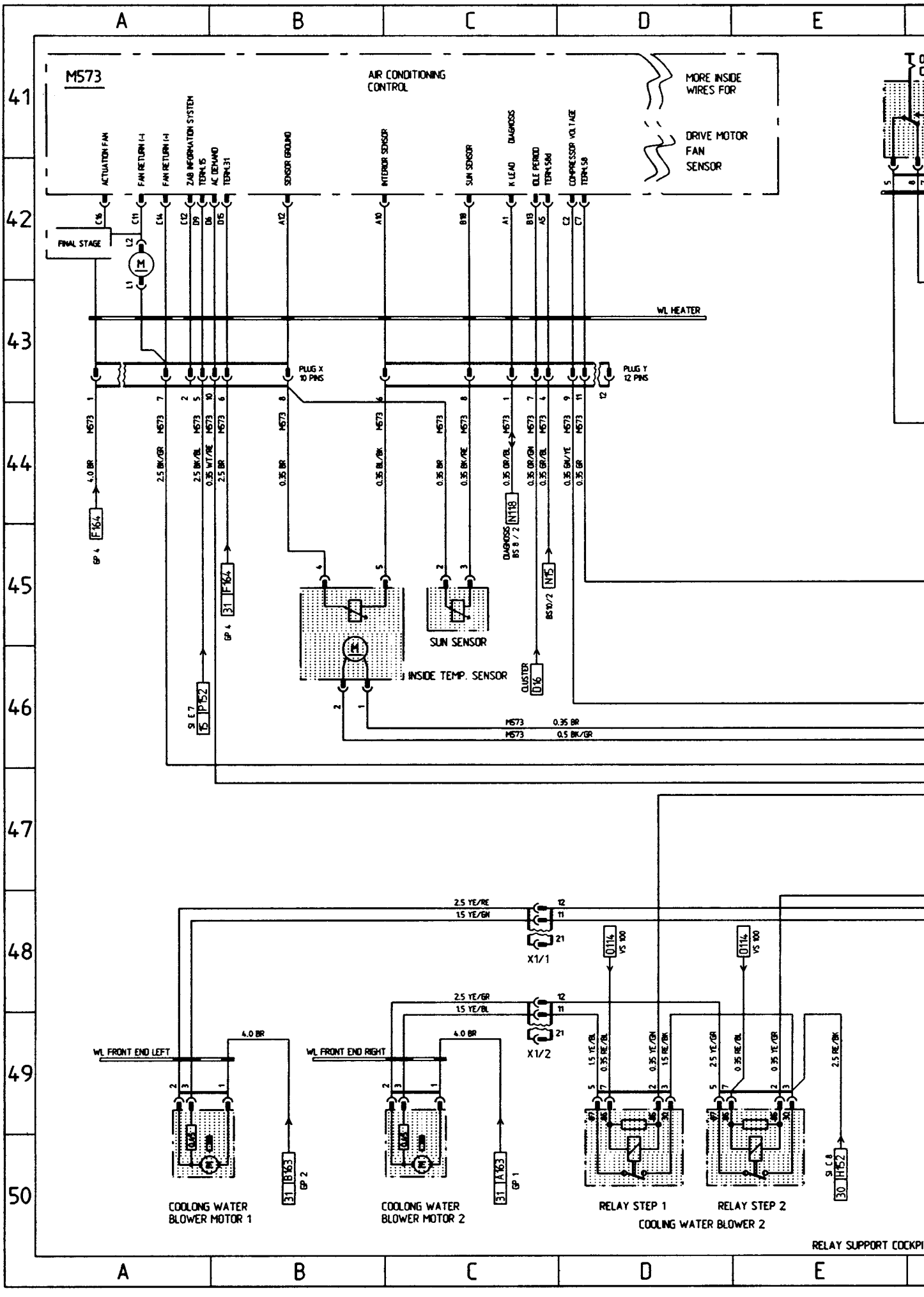
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K L M N O P

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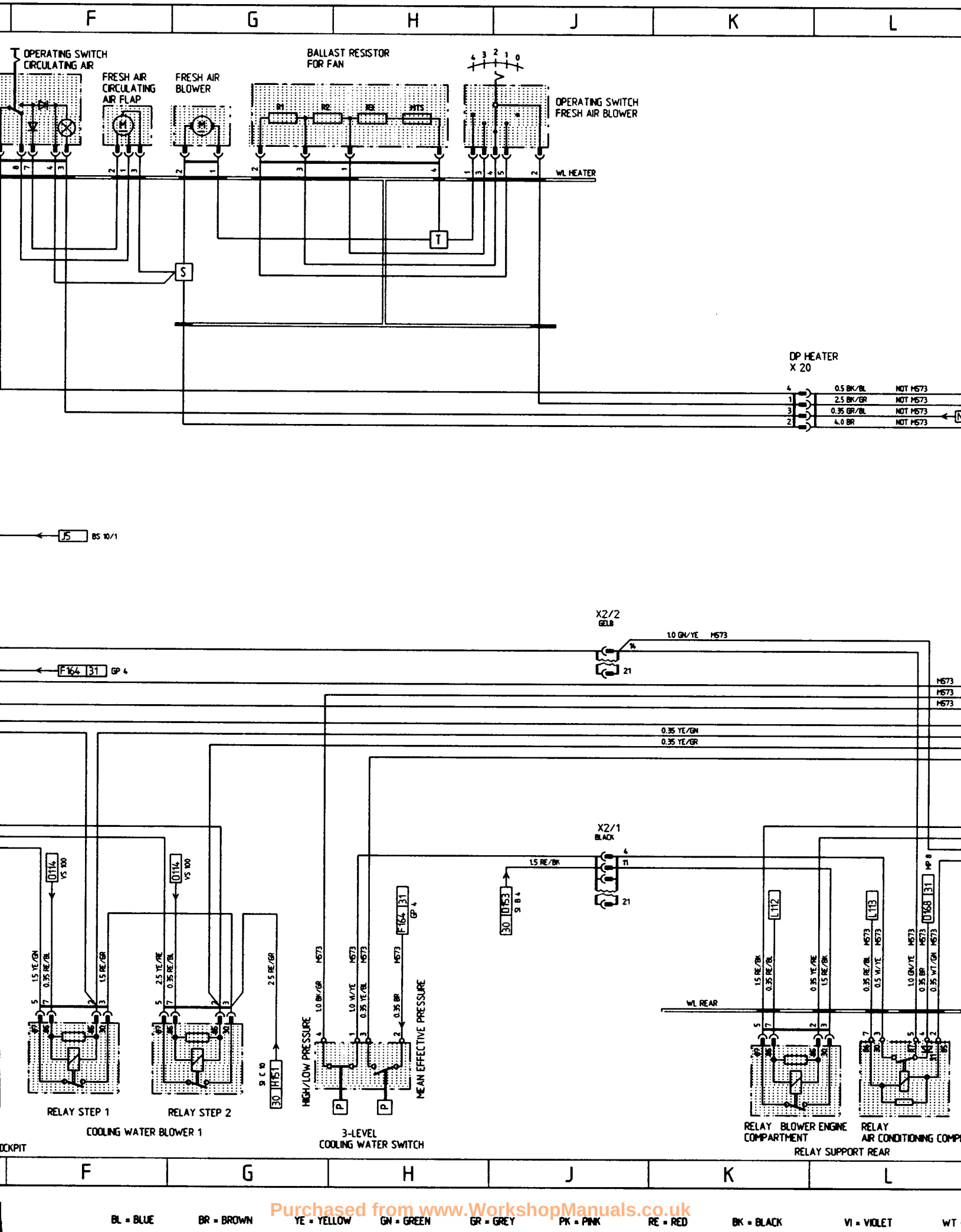
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ENGINE COOLING, HEATING, AIR CONDITIONING SYSTEM



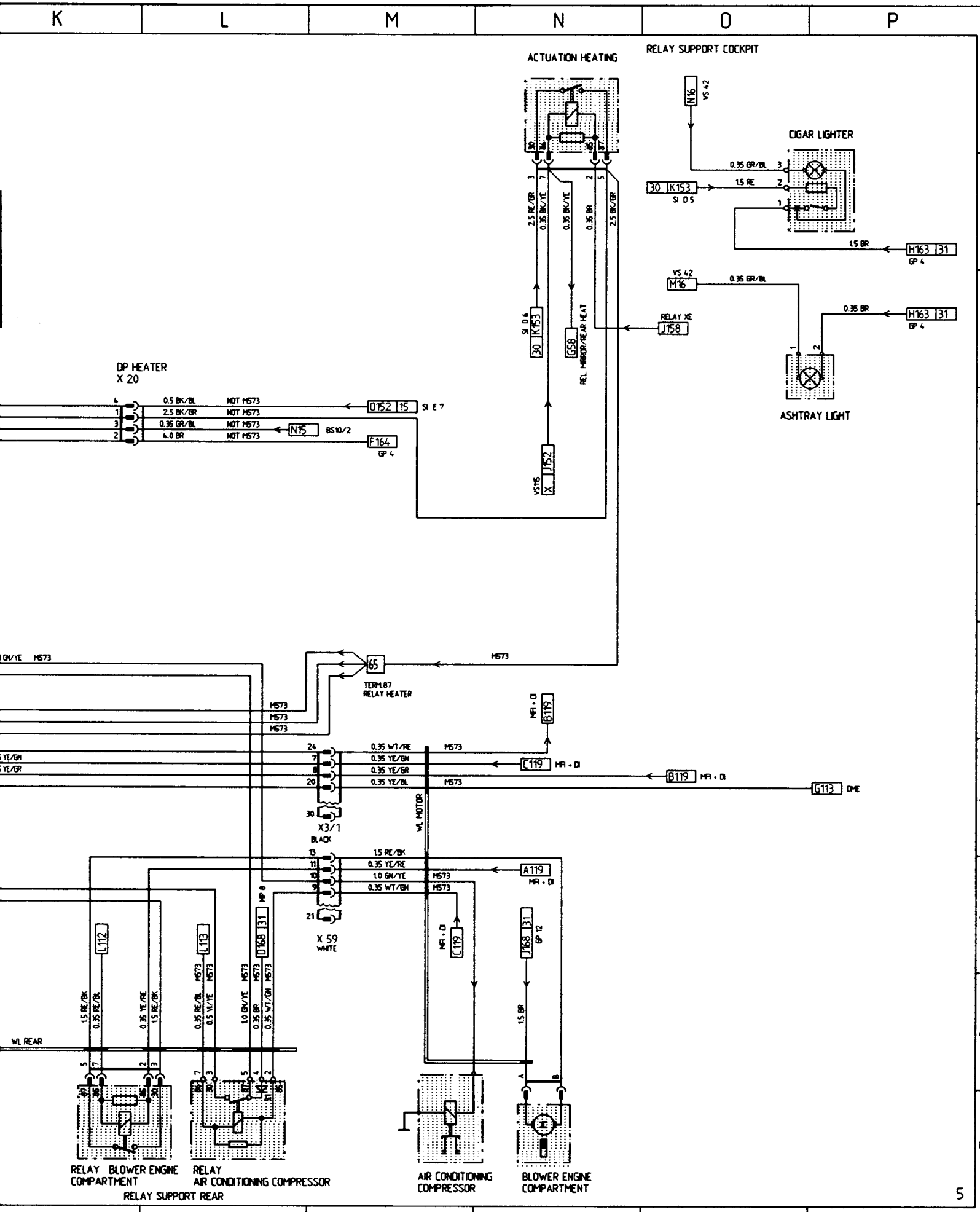
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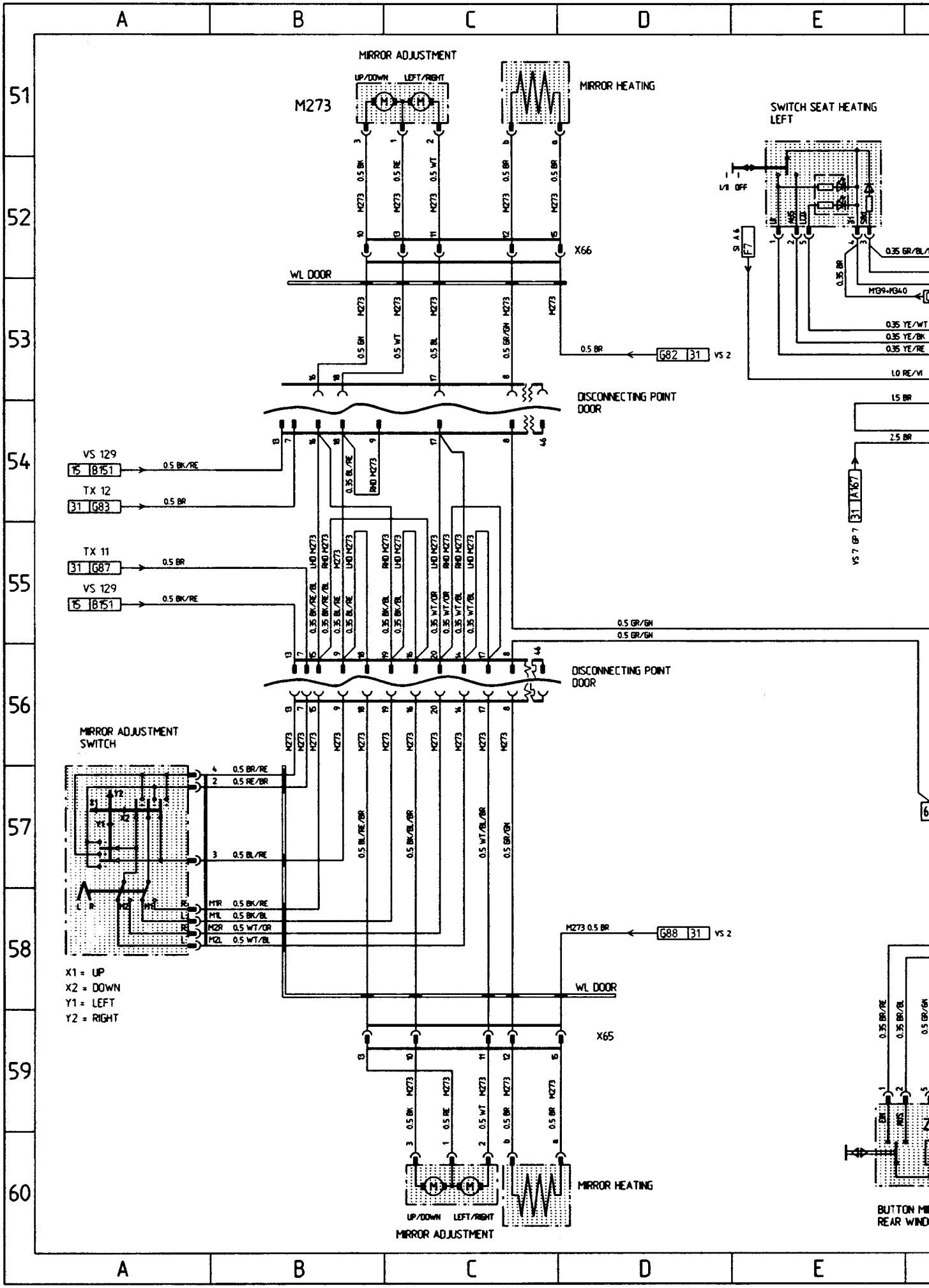
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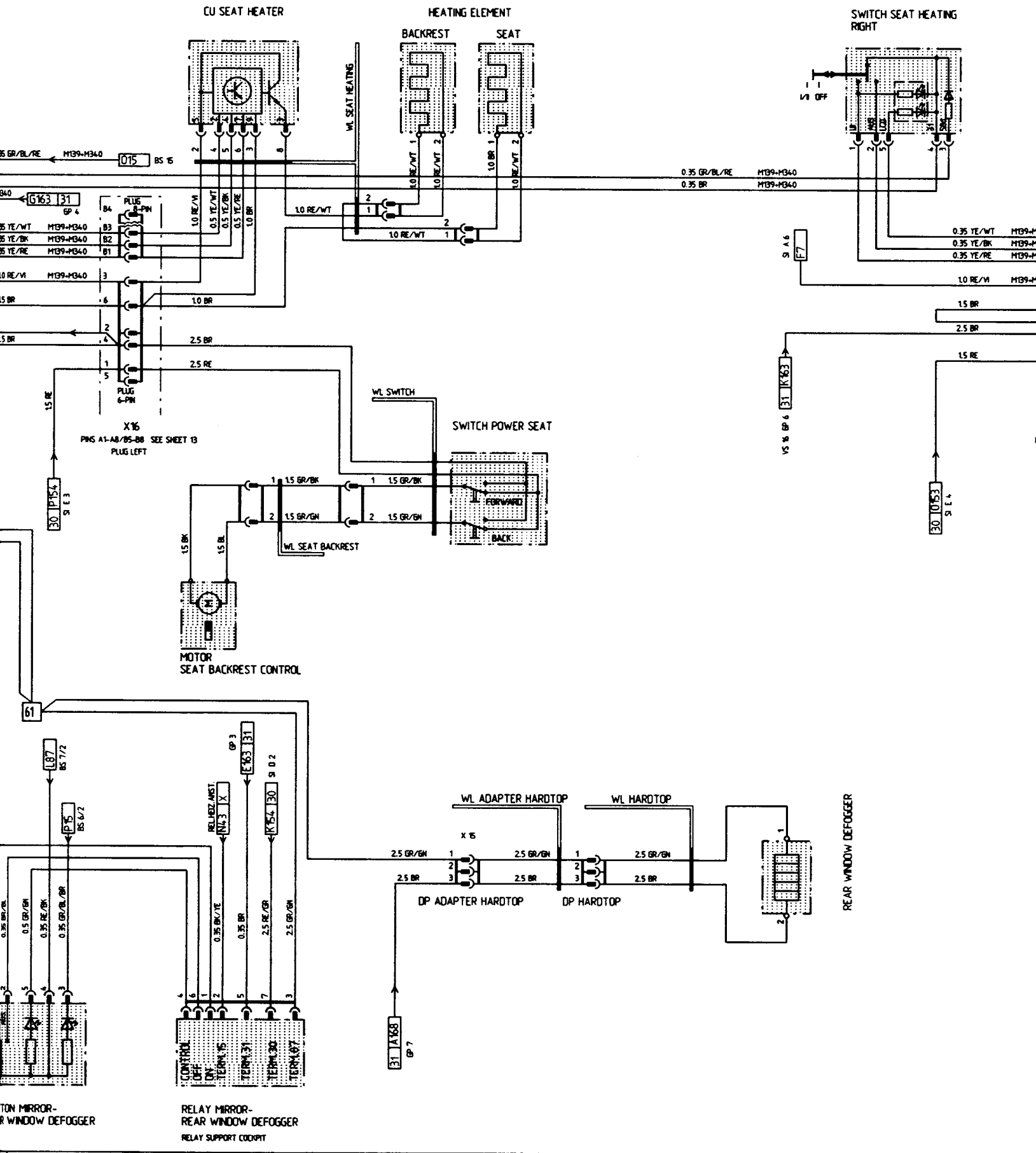
MIRROR ADJUSTMENT, SEAT HEATING , REAR WINDOW DEFOGGER



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ADJUSTABLE SEAT HEATING LEFT
M139+M340



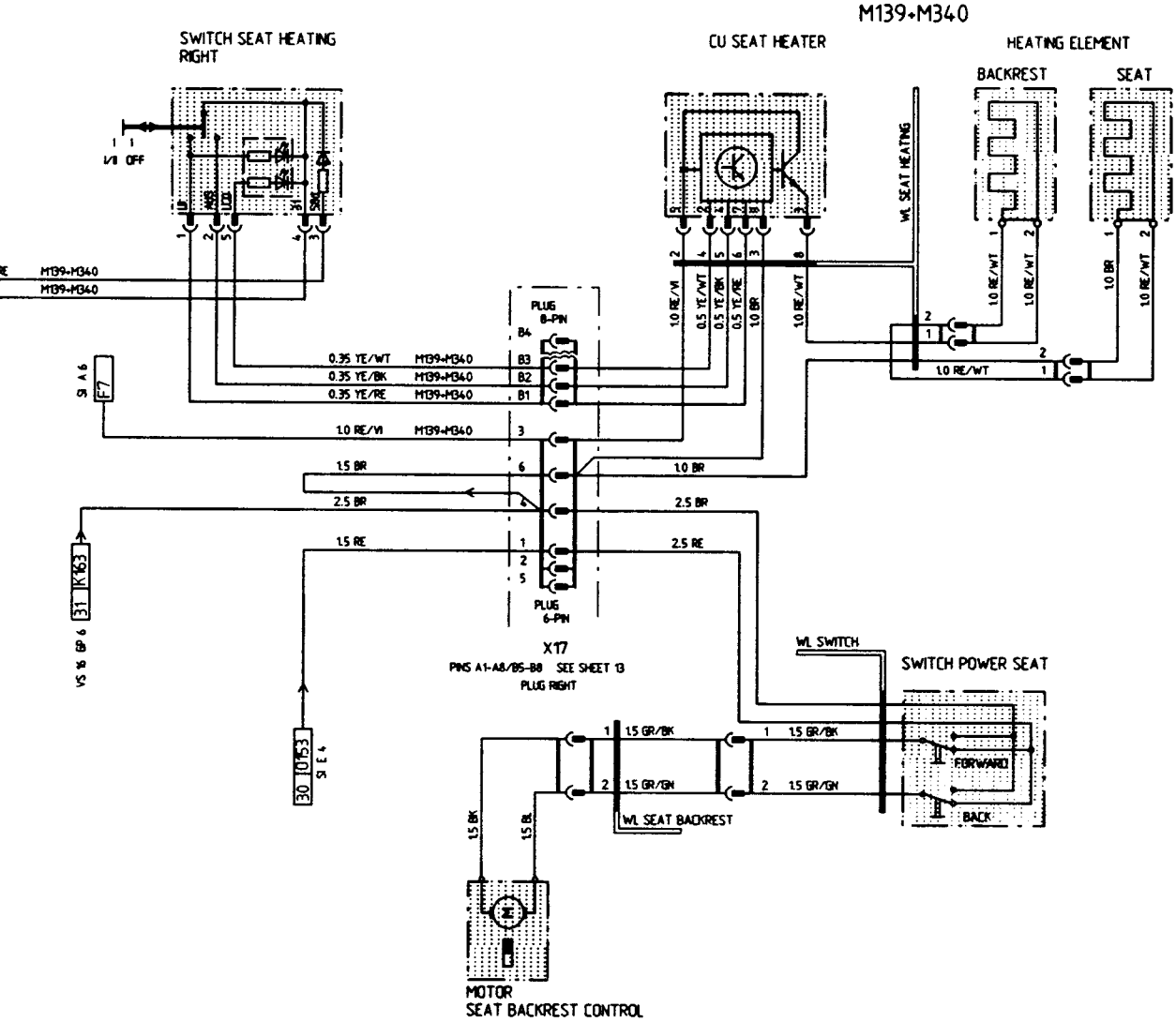
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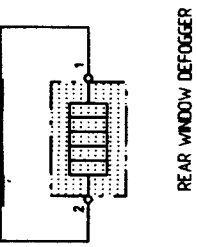
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K L M N O P

ADJUSTABLE SEAT HEATING RIGHT
M139+M340





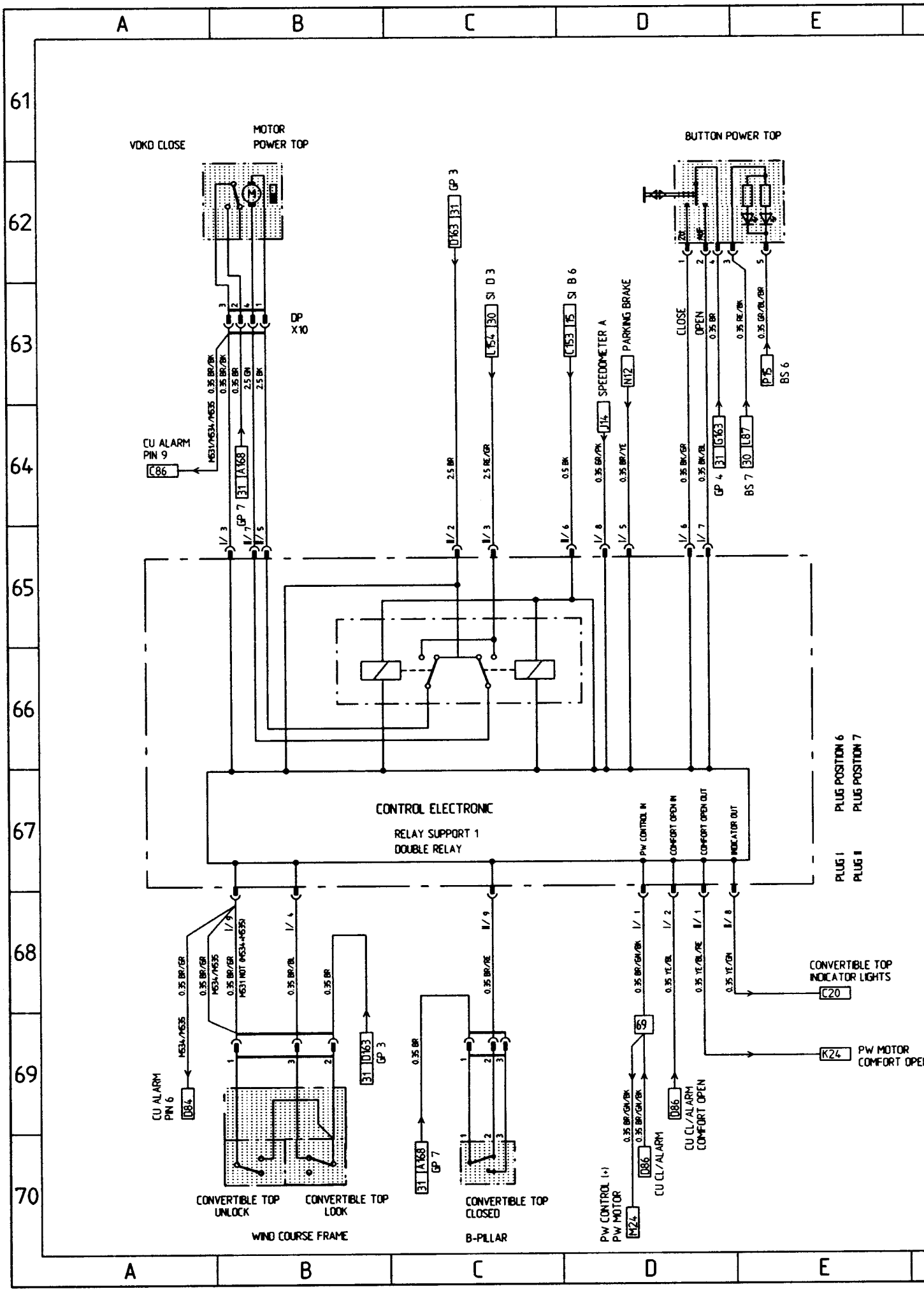
6

K L M N O P

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CONVERTIBLE TOP DRIVE



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F	G	H	J	K	L

OR
T OPEN

F	G	H	J	K	L

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K	L	M	N	O	P

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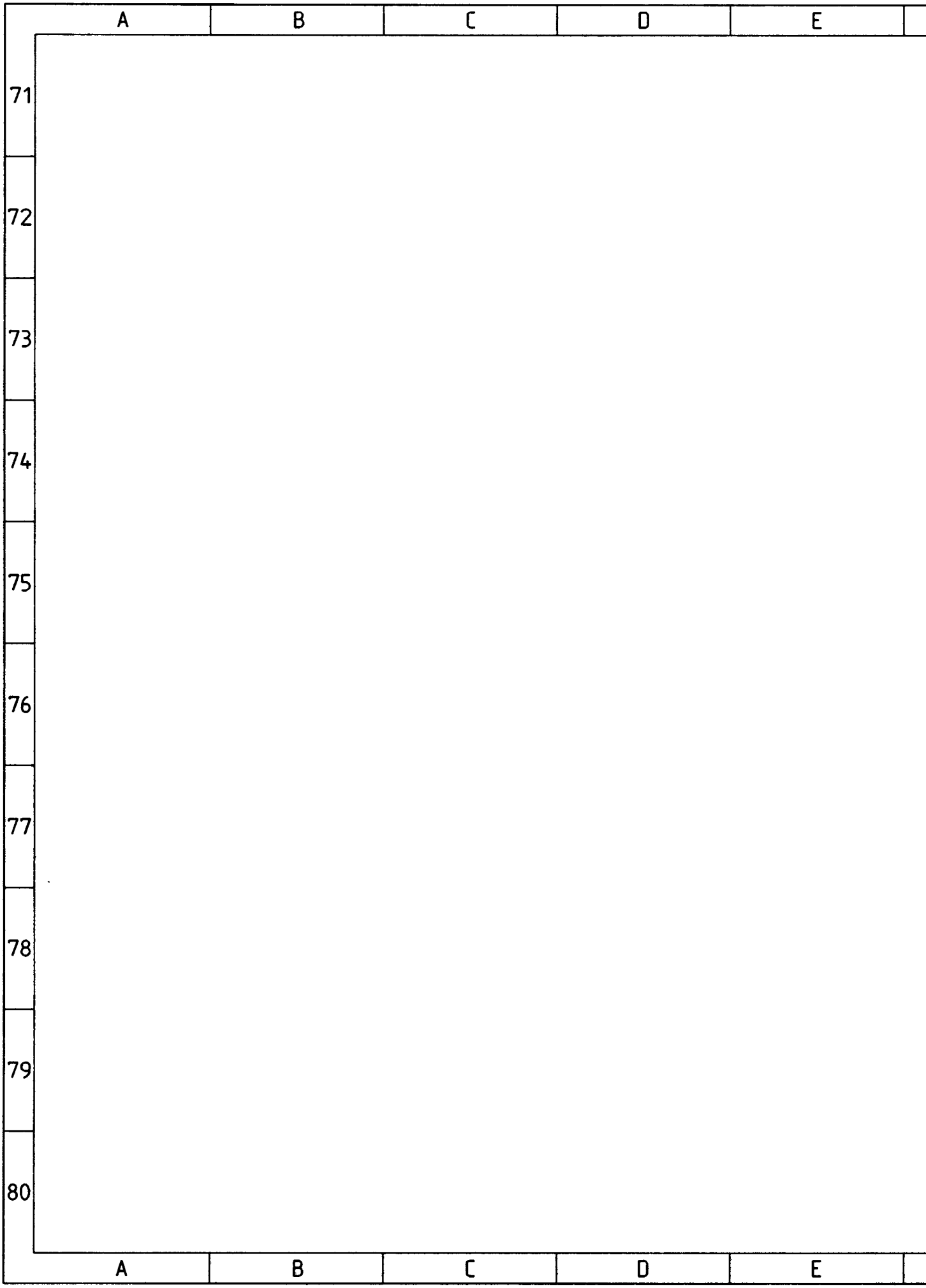
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RED BK = BLACK VI = VIOLET WT = WHITE

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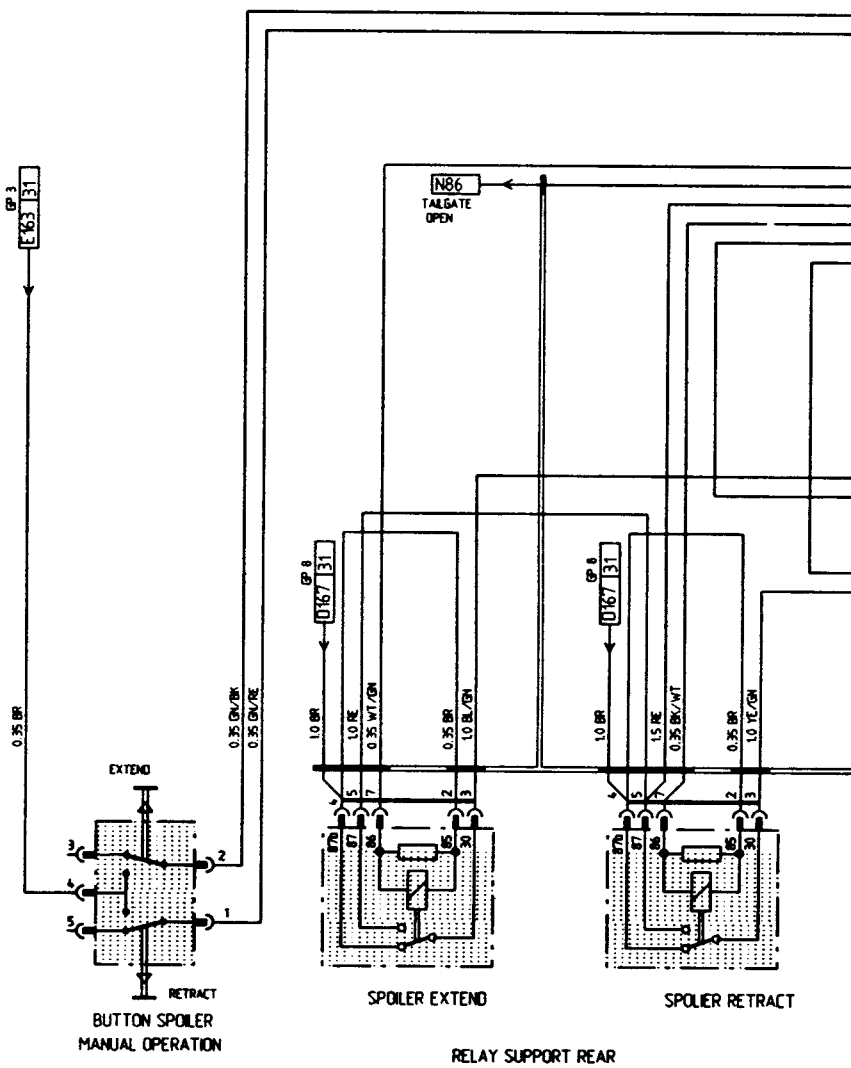
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SPOILER EXTEND



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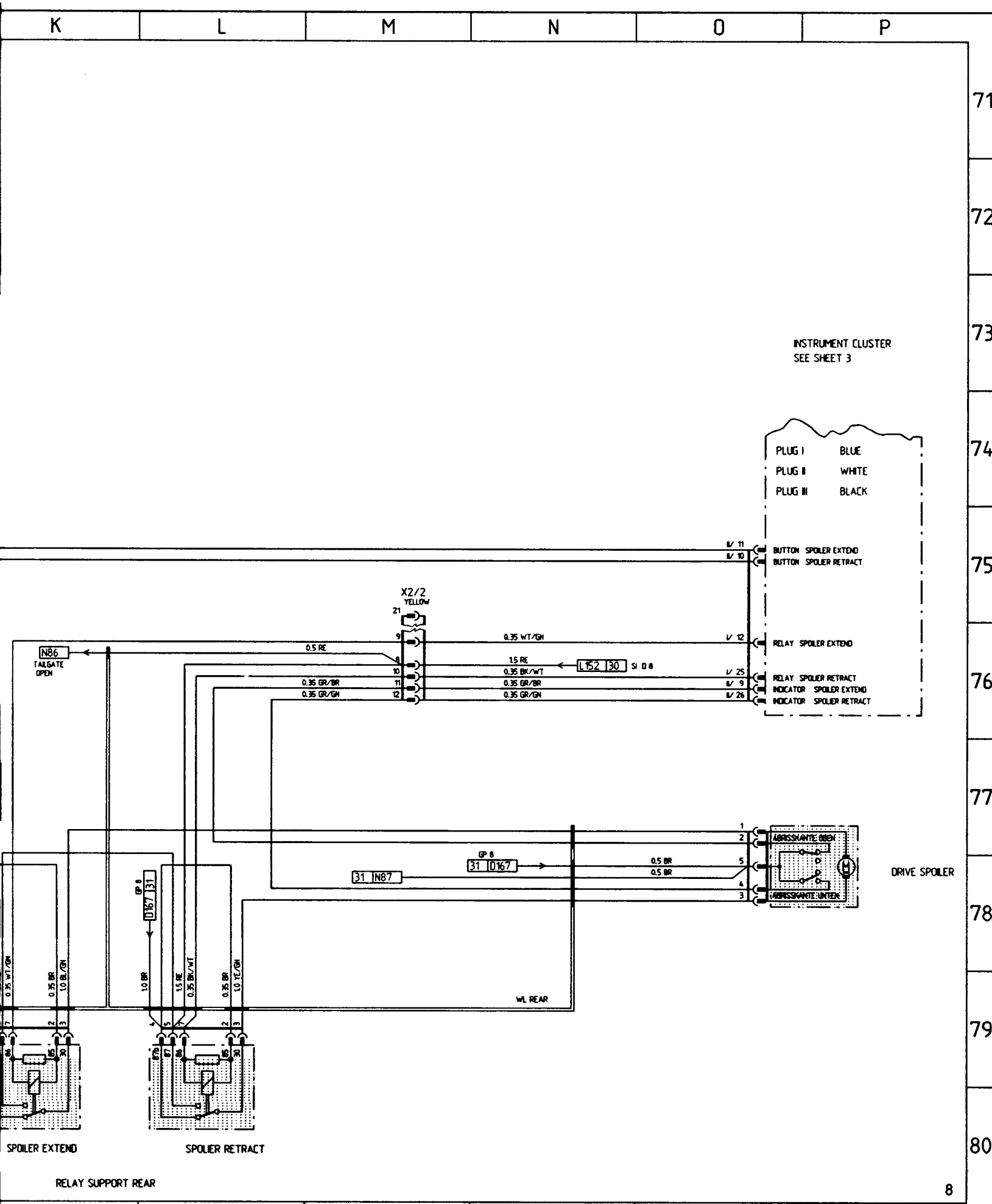
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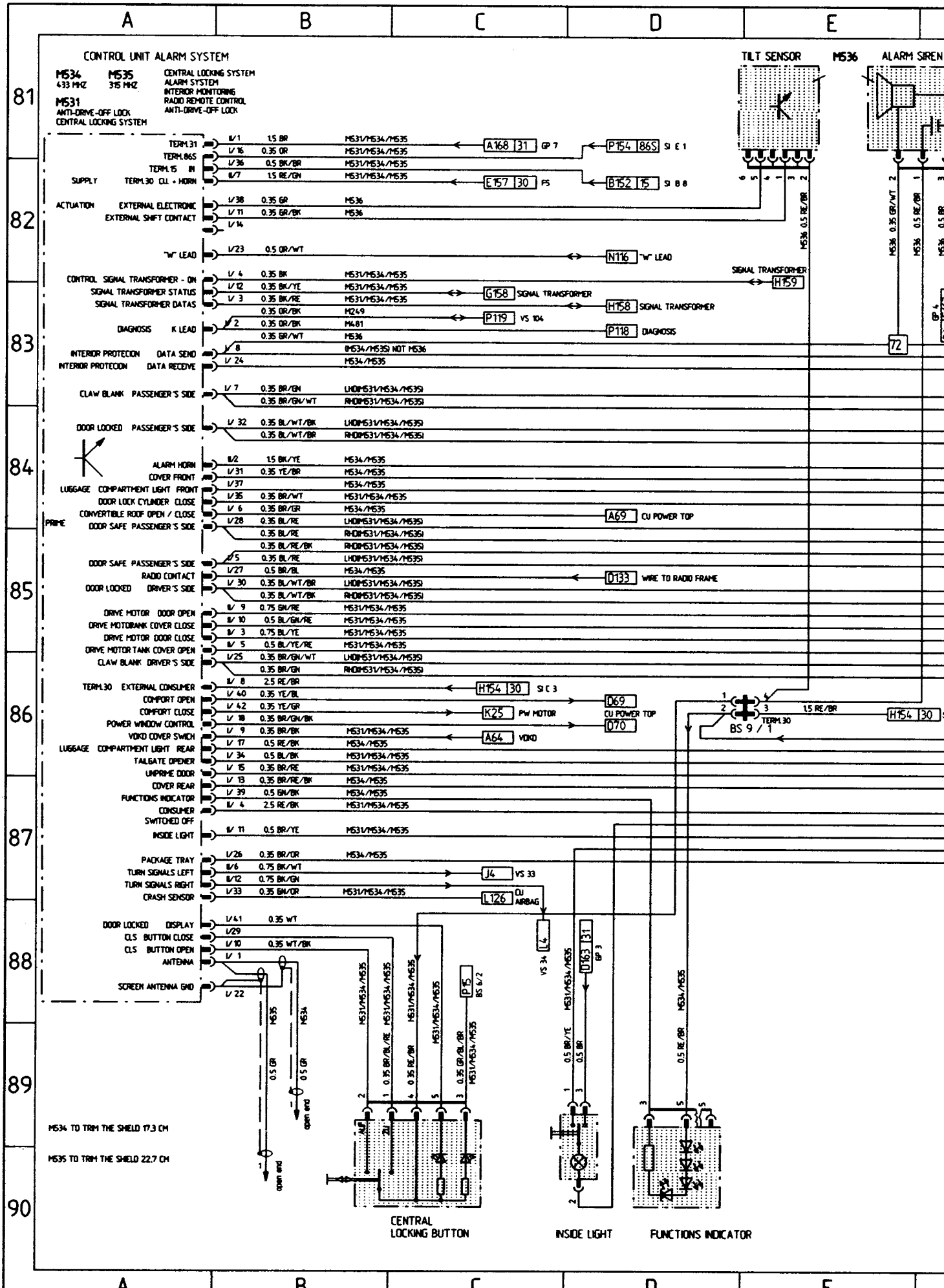
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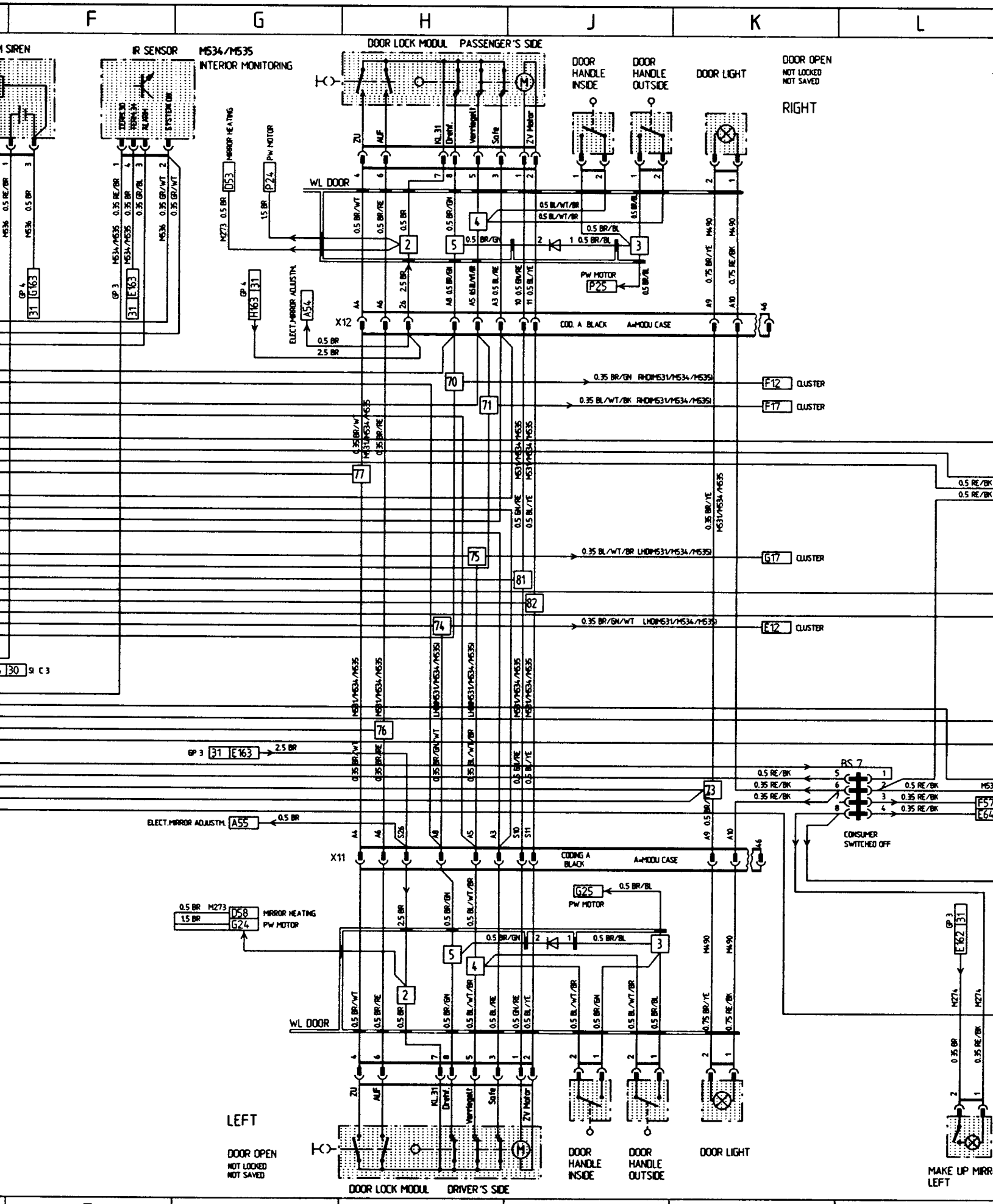
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CENTRAL LOCKS, ALARM SYSTEM, INTERIOR MONITORING



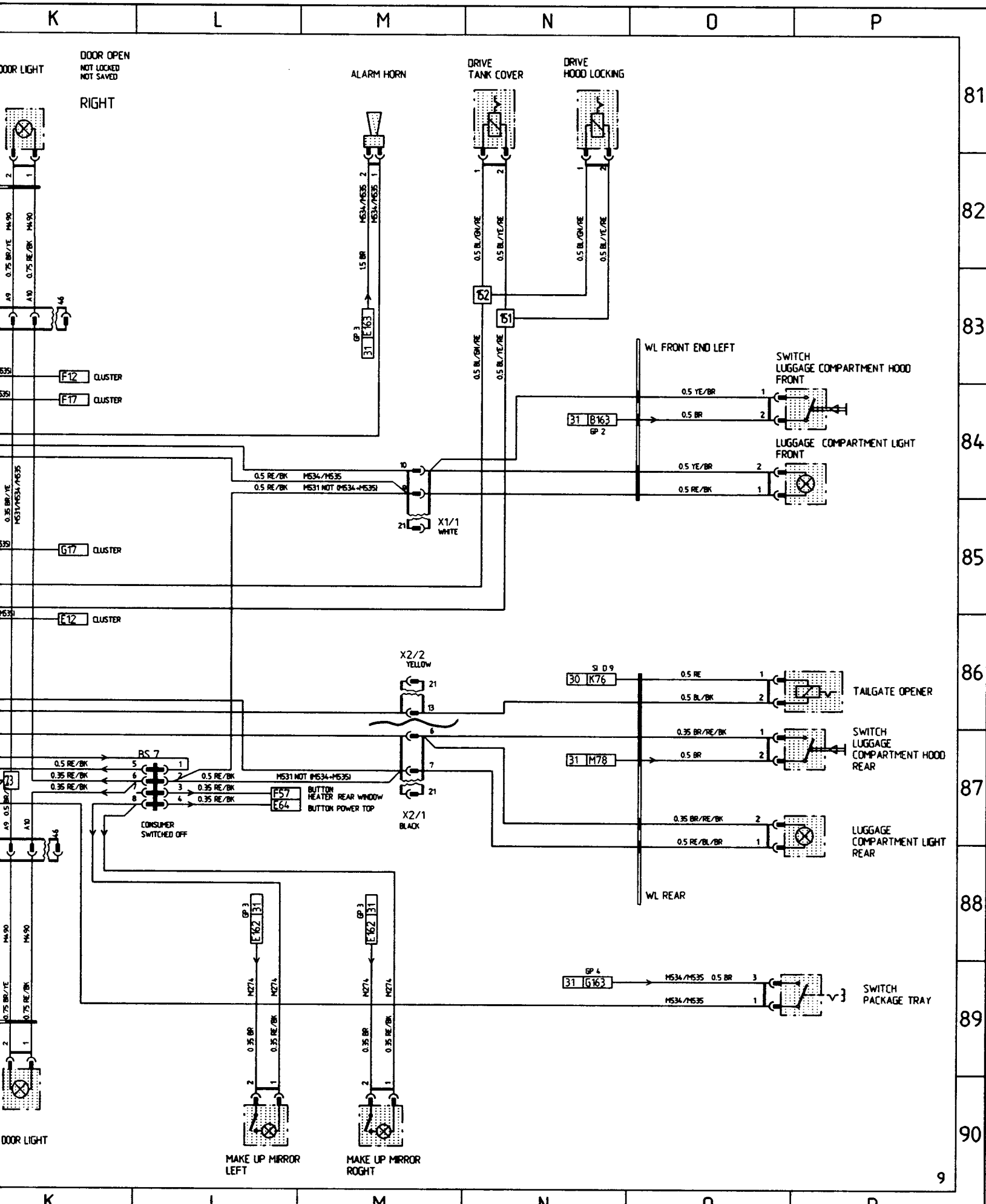
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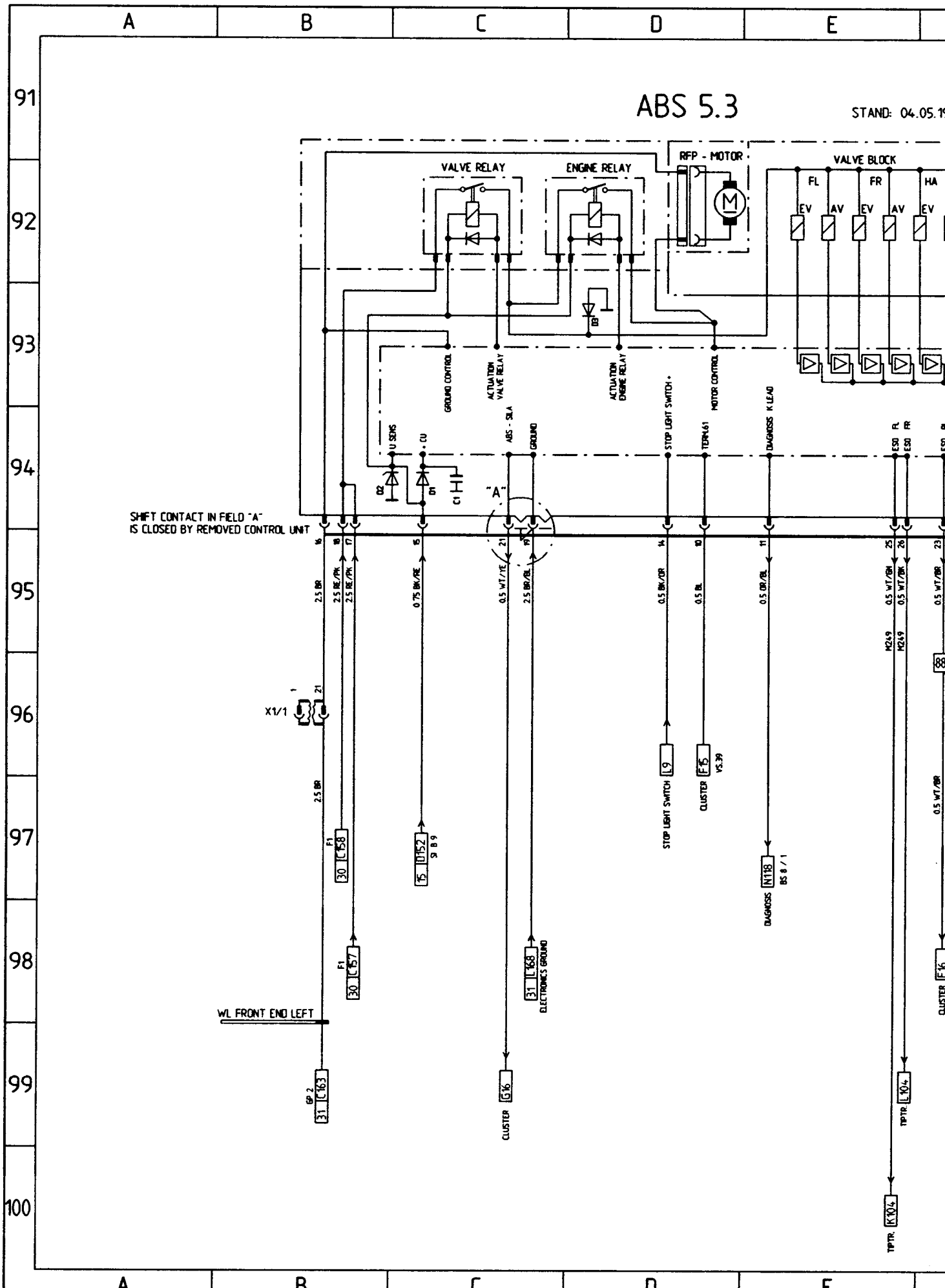
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ANTILOCK BRAKING SYSTEM

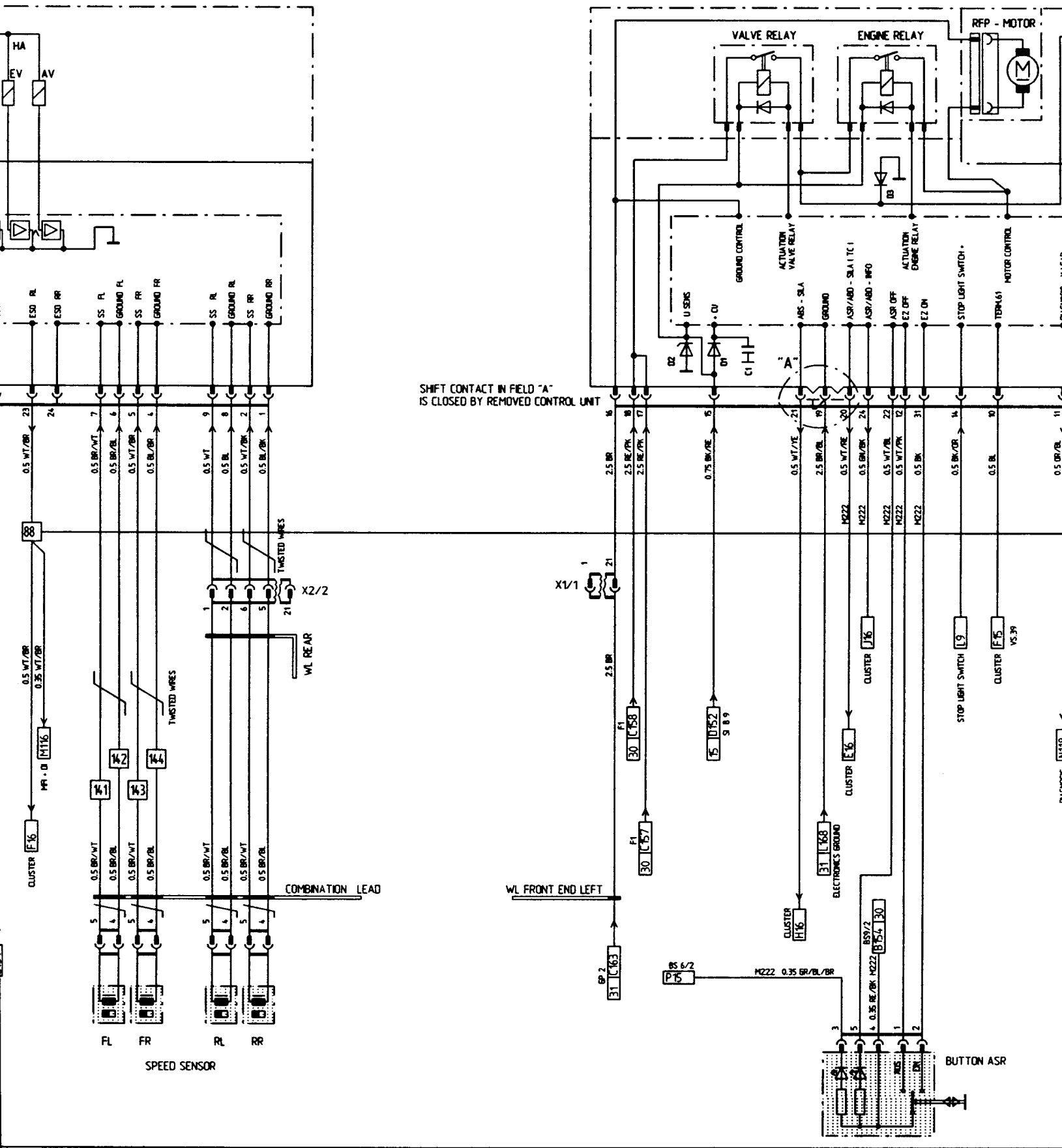


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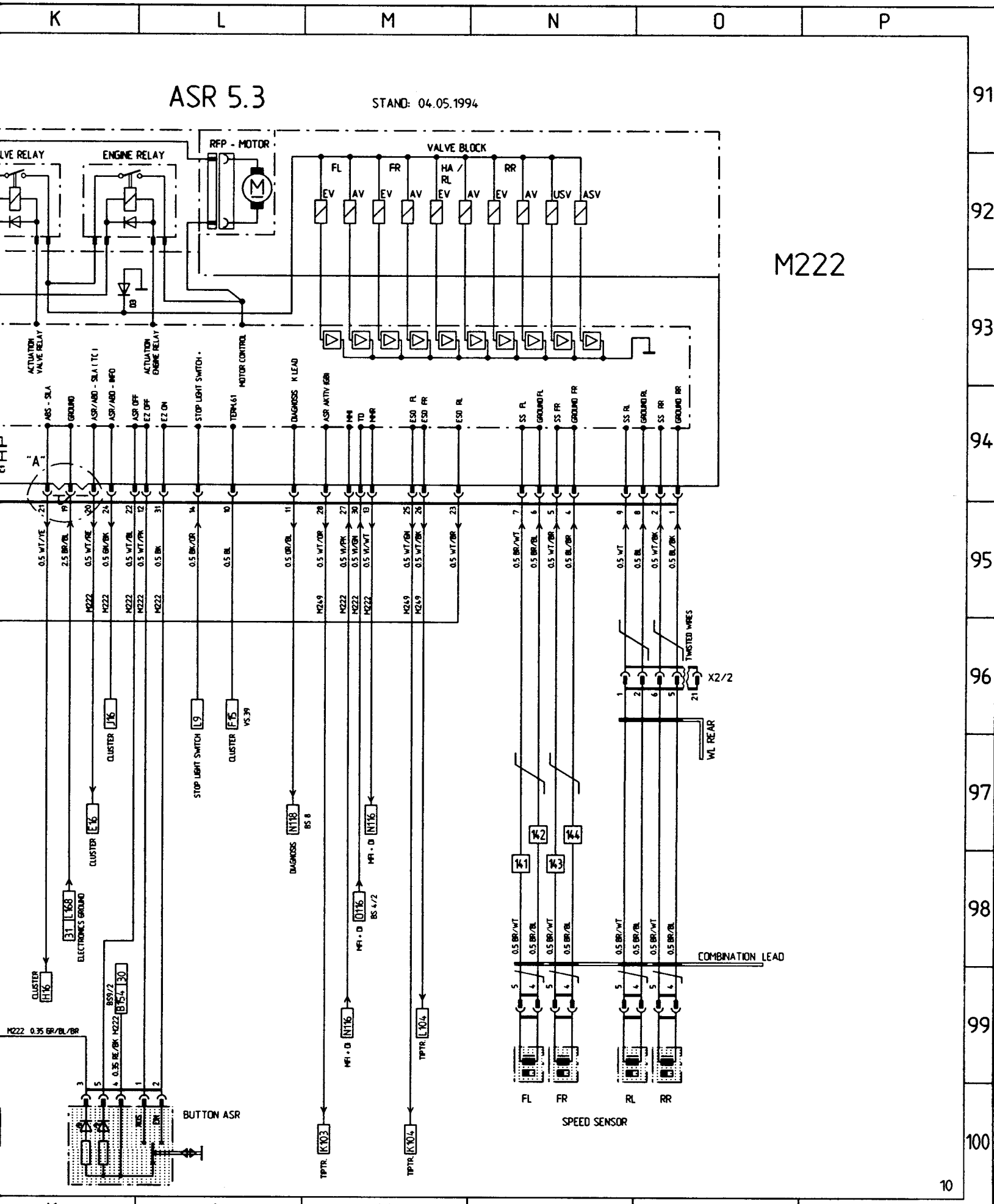
ASR 5.3



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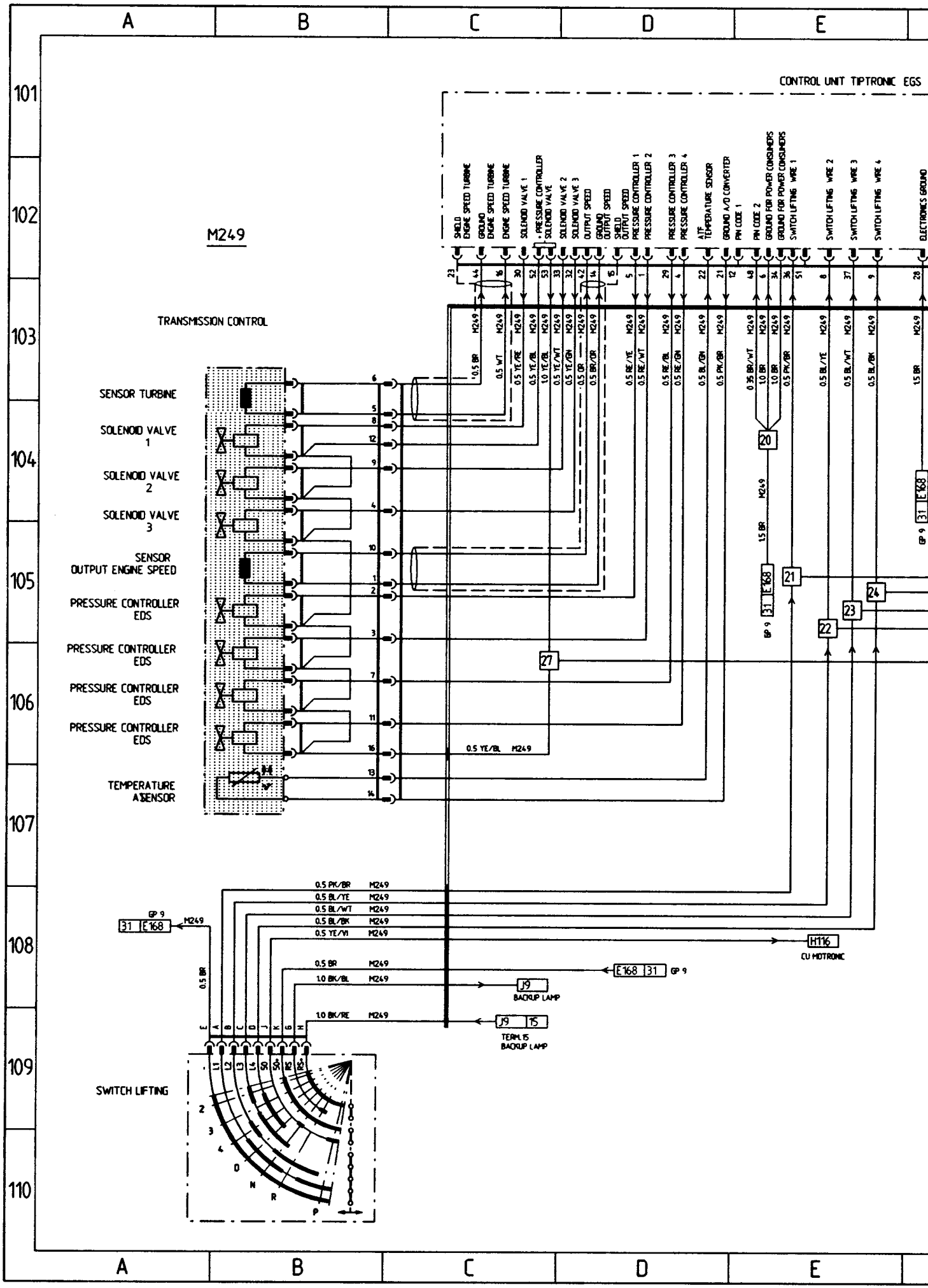
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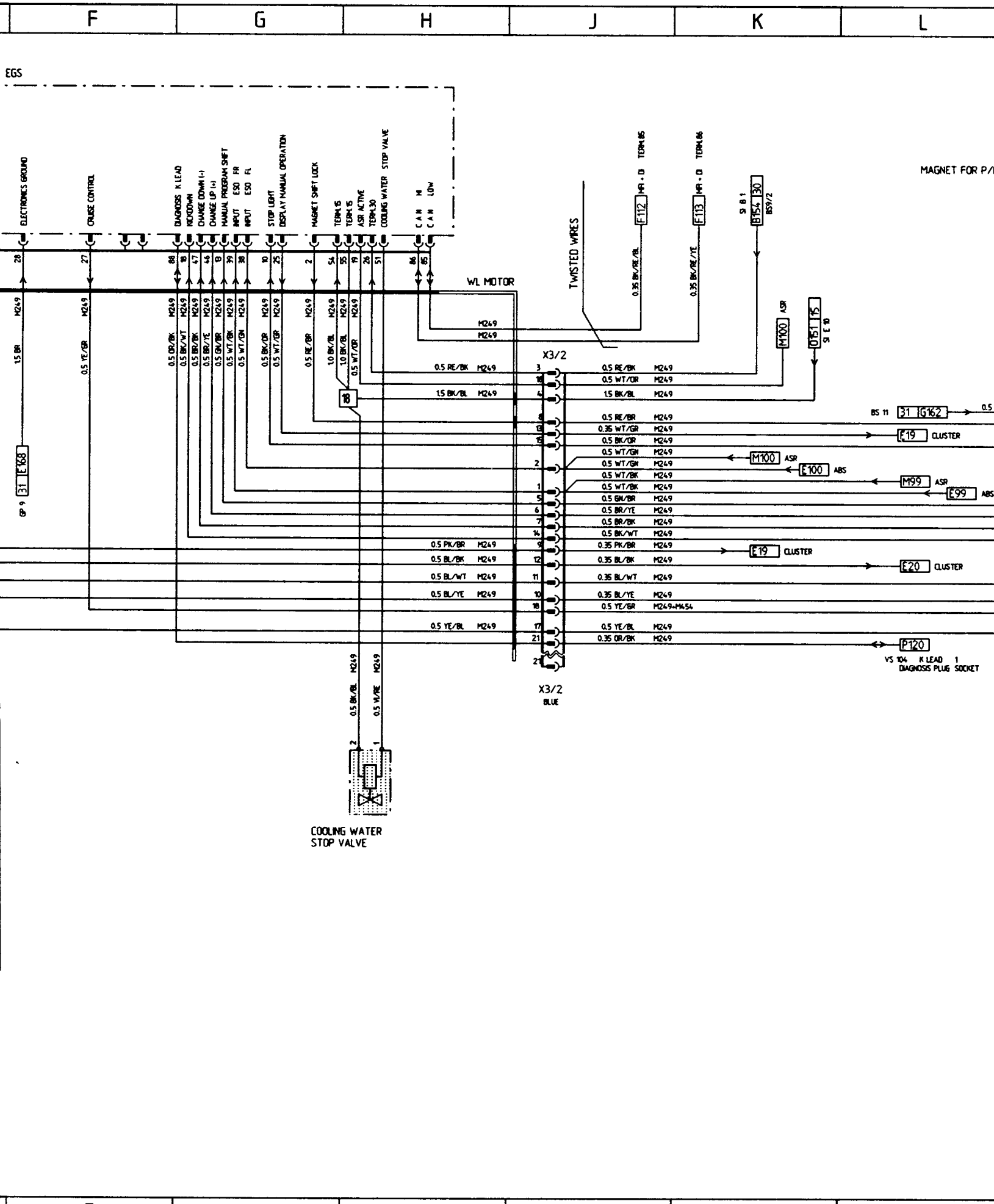
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TIPTRONIC



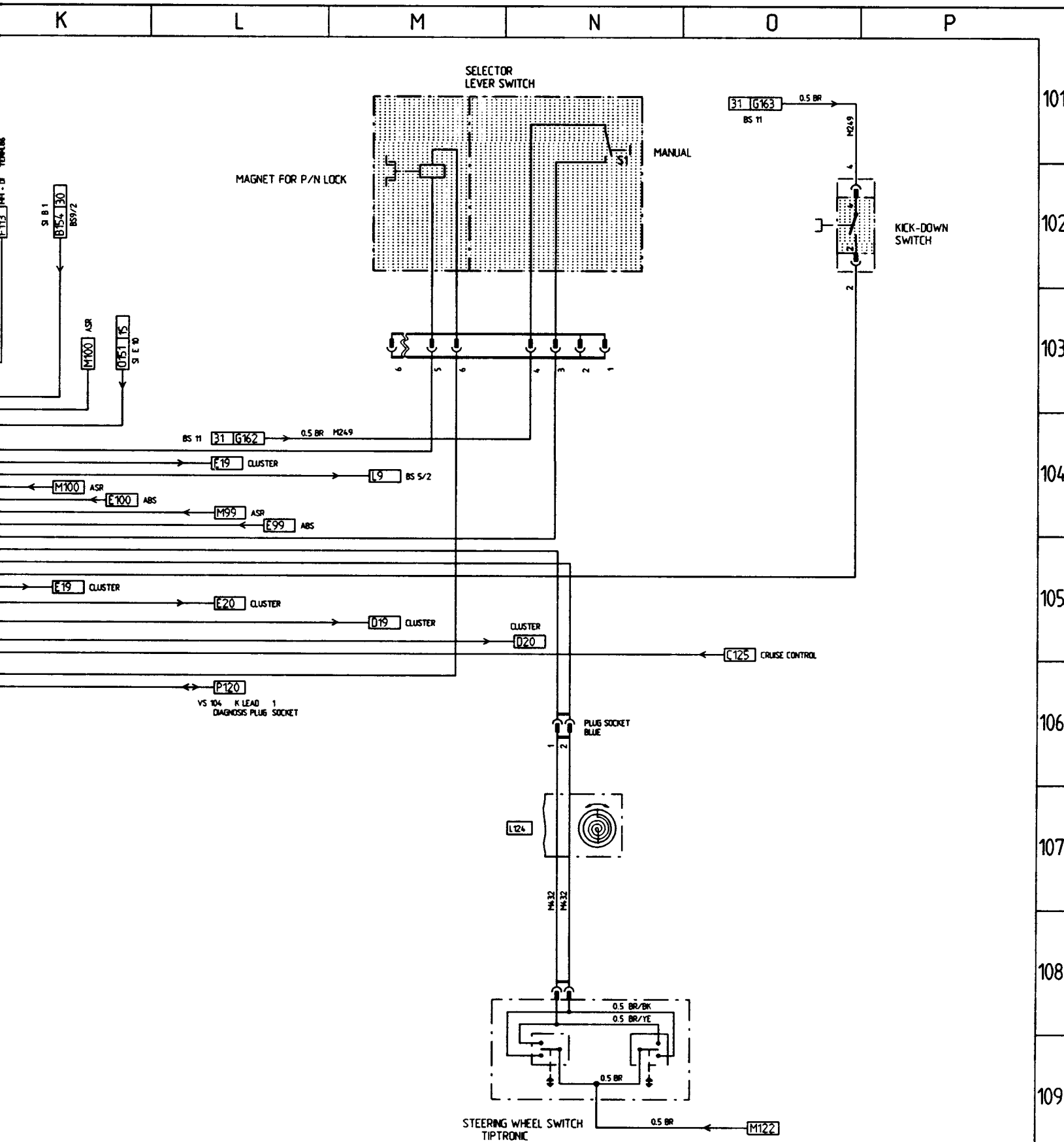
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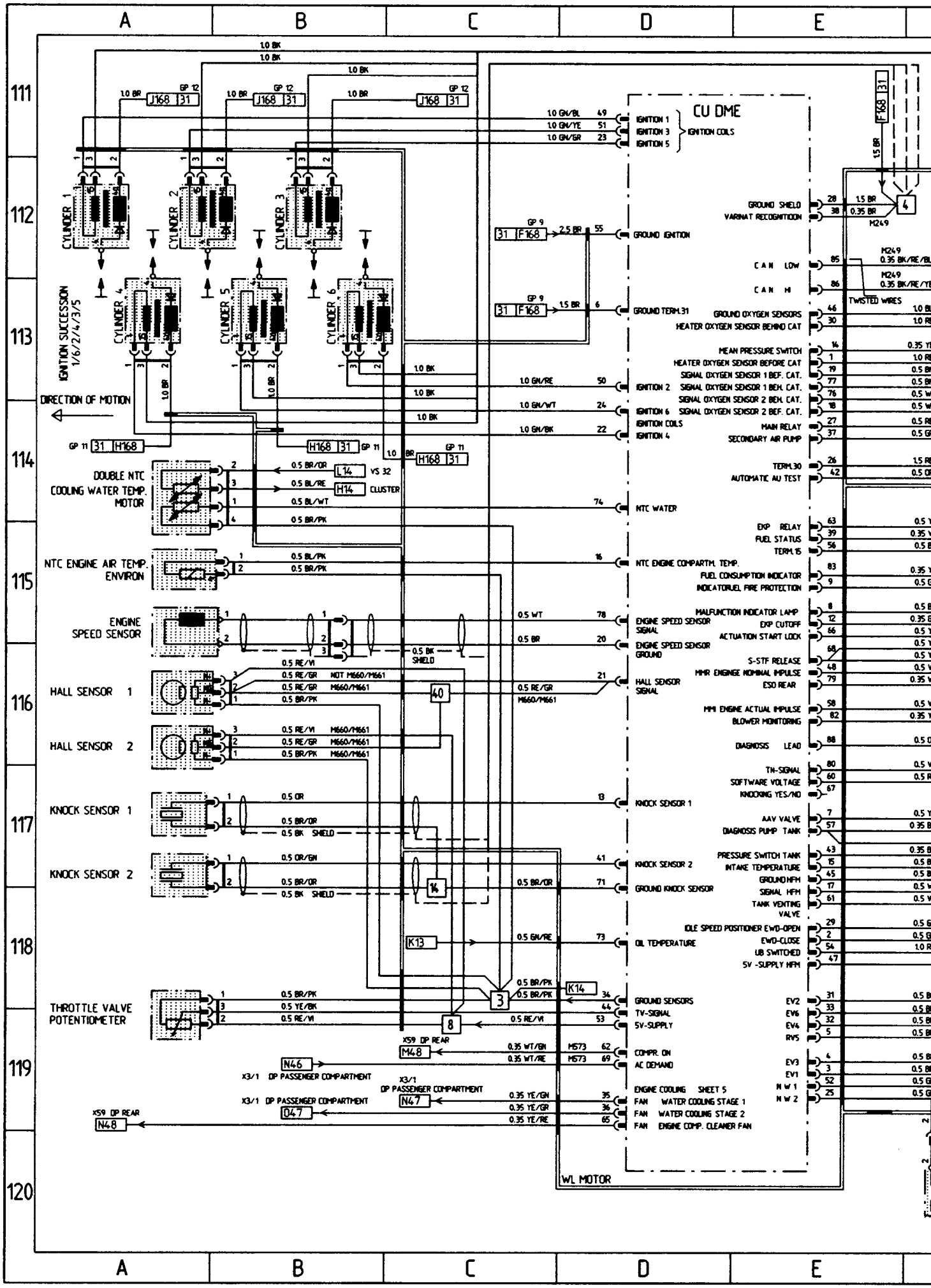
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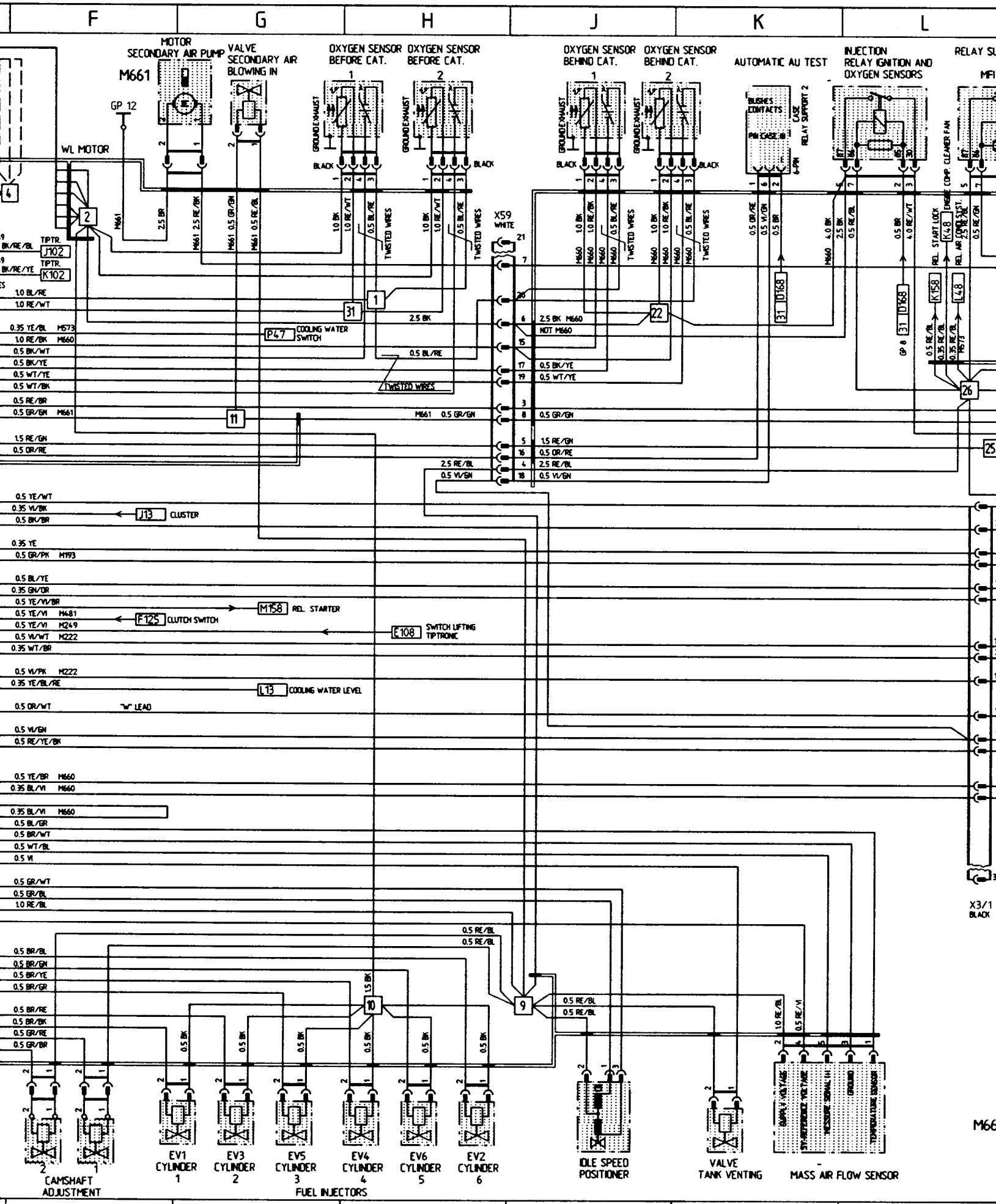
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MFI+DI MOTORELEKTRONIC



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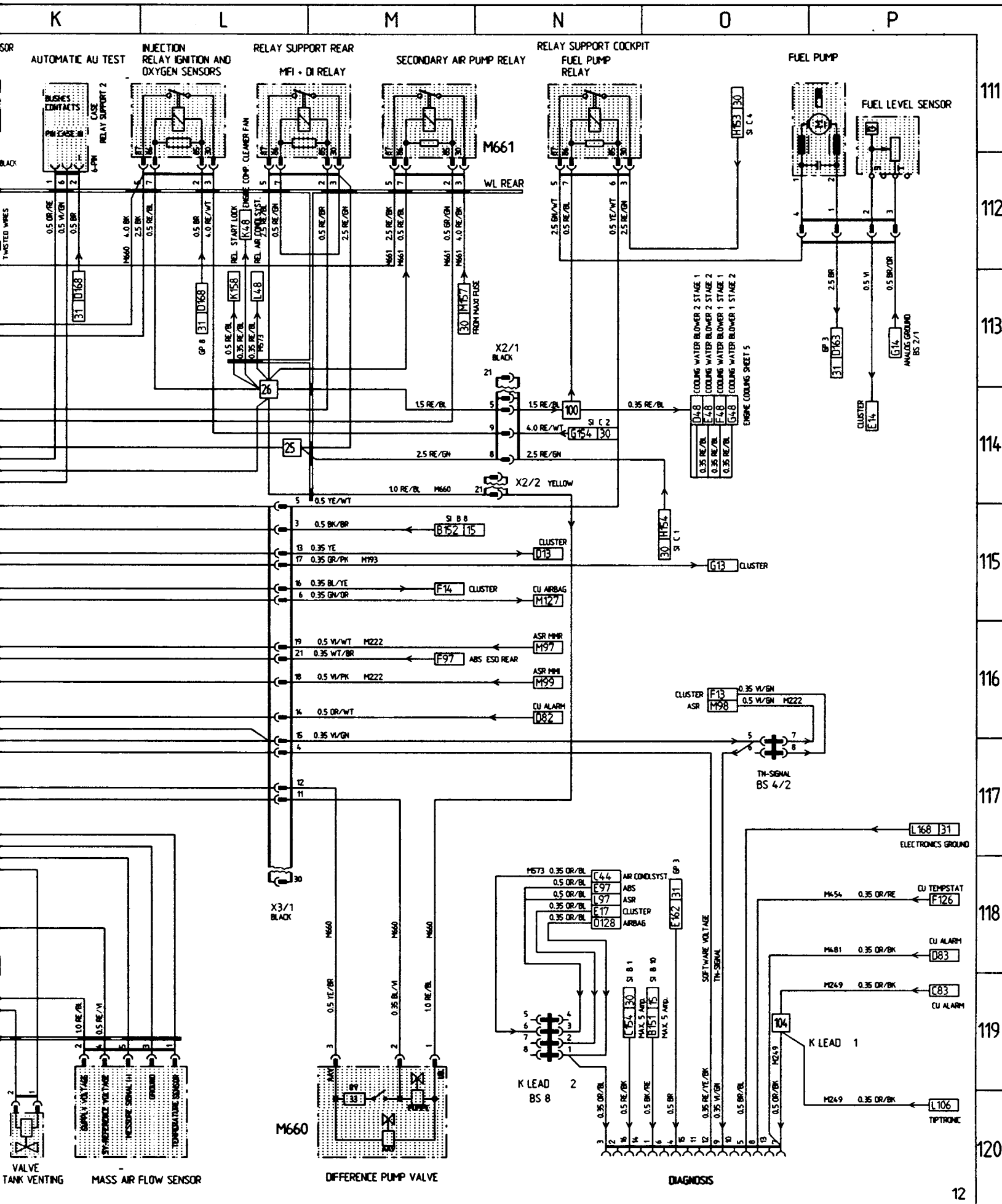
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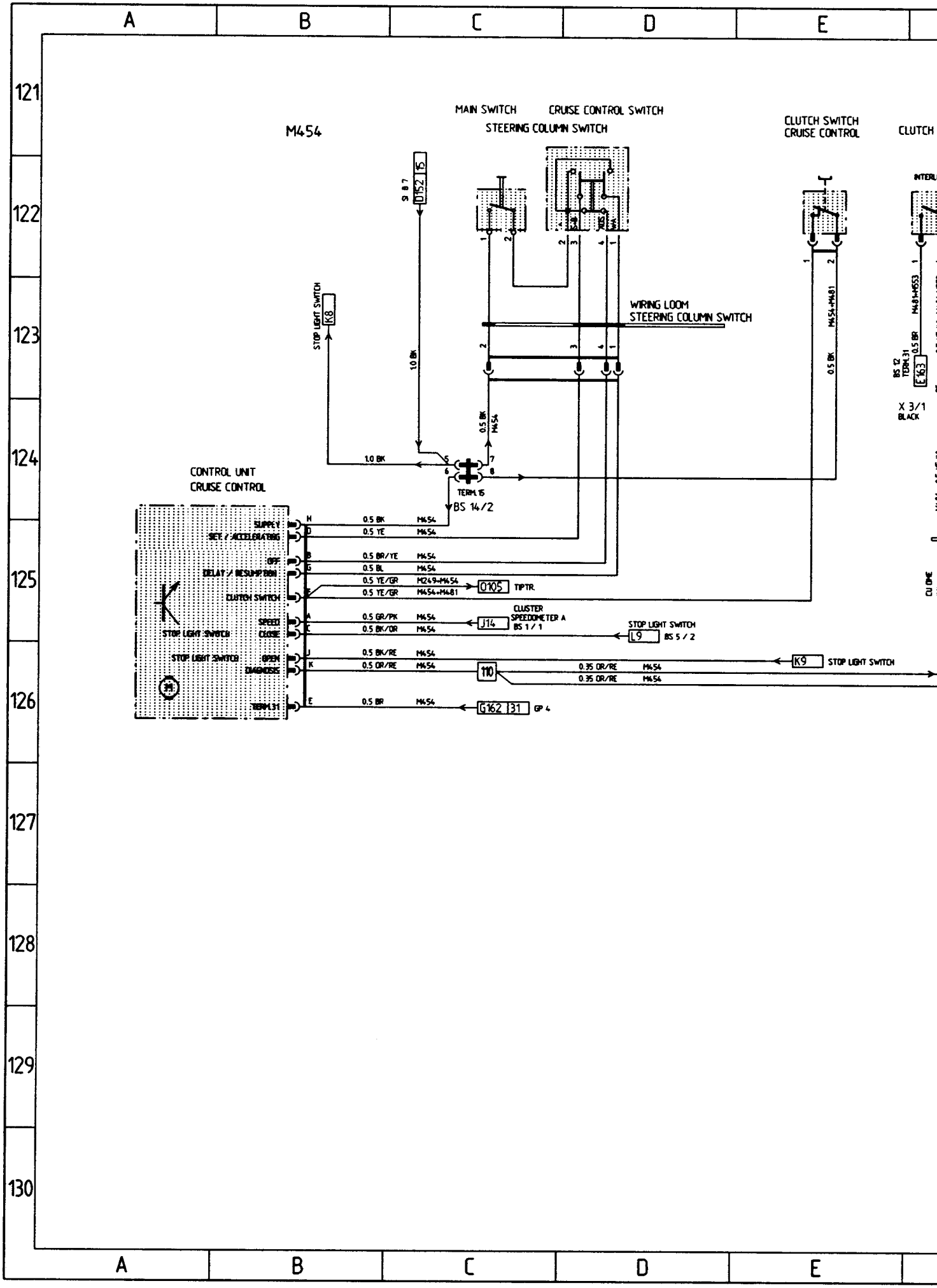
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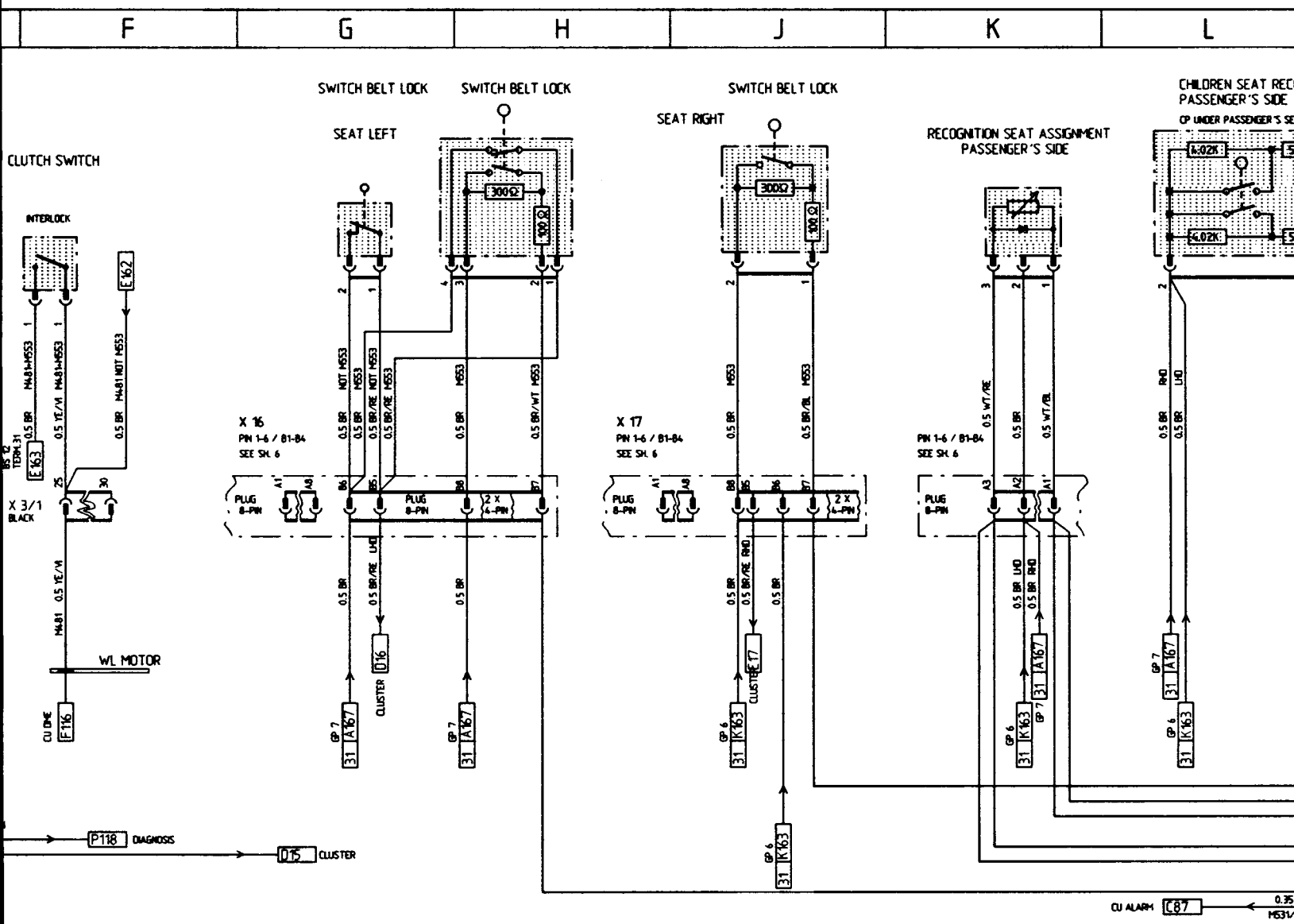
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CRUISE CONTROL, AIRBAG



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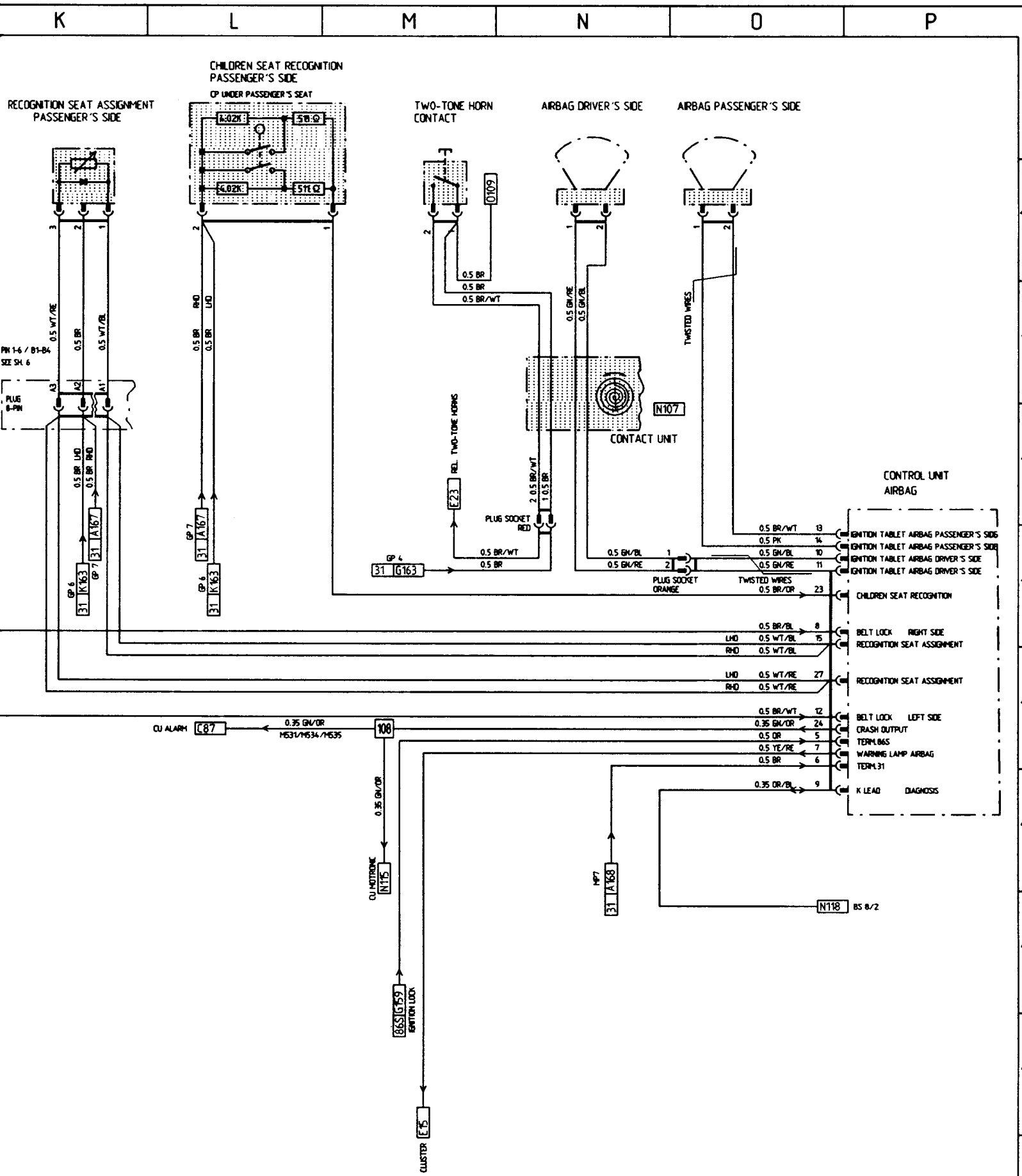
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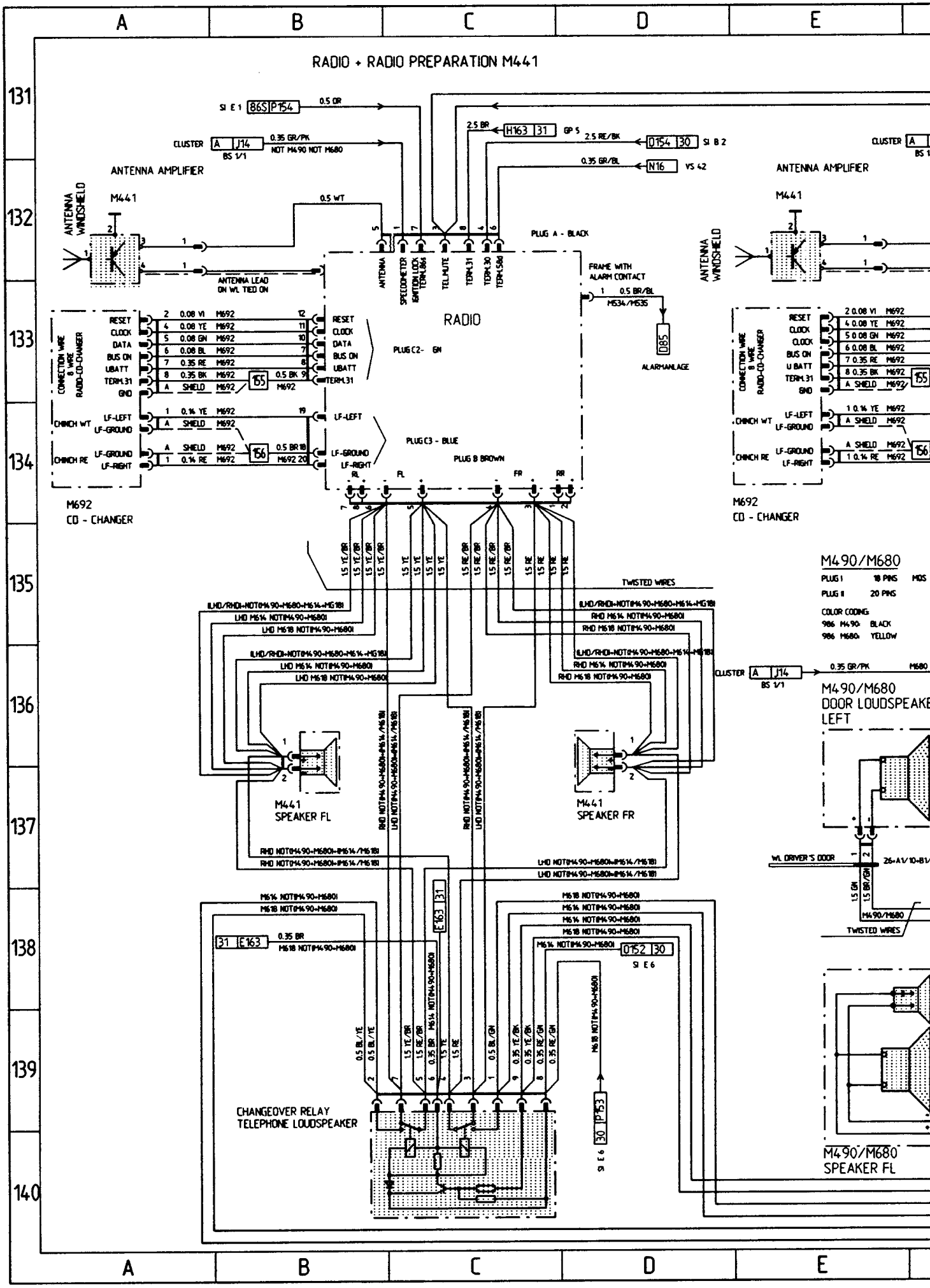
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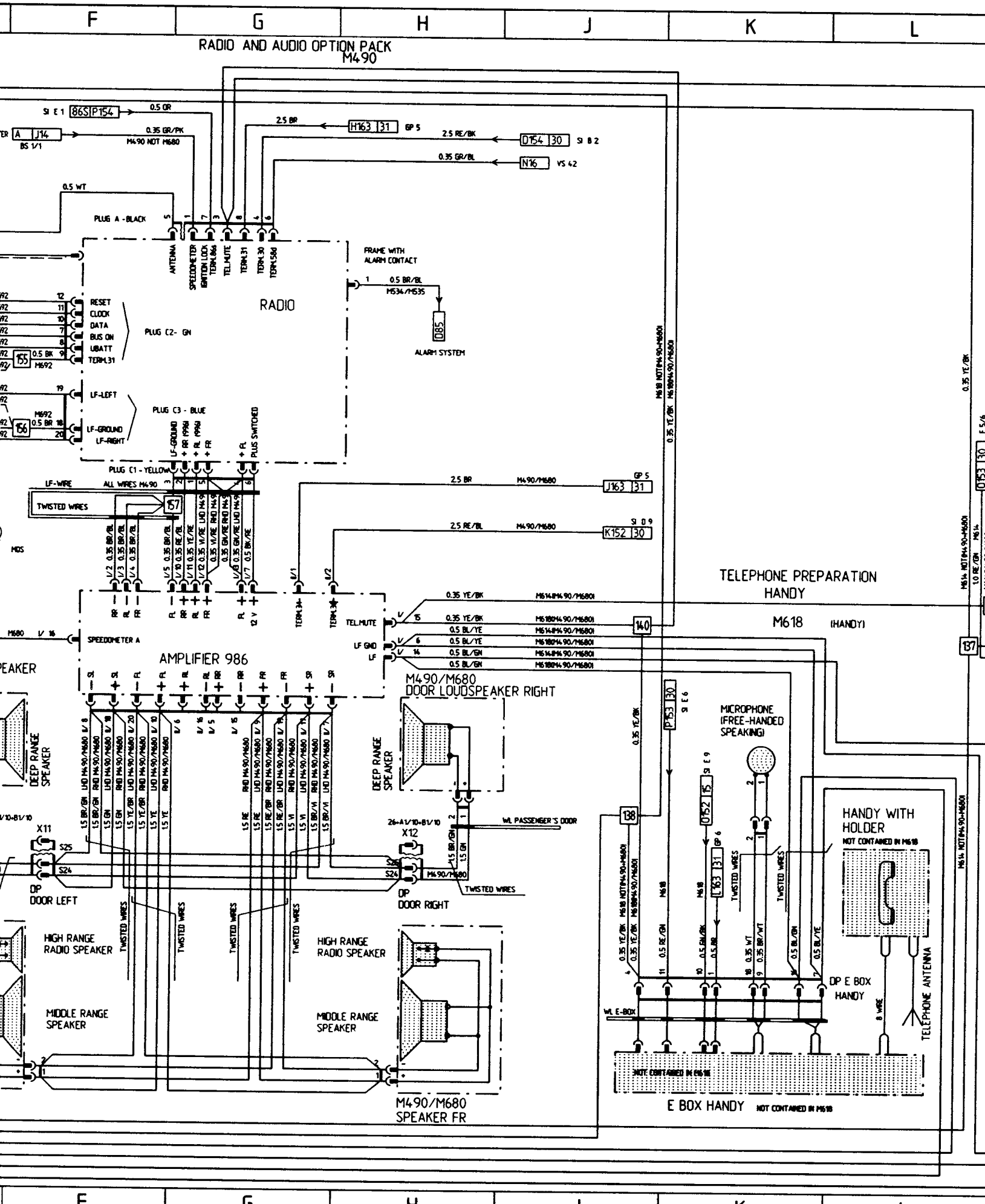
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RADIO, TELEPHONE



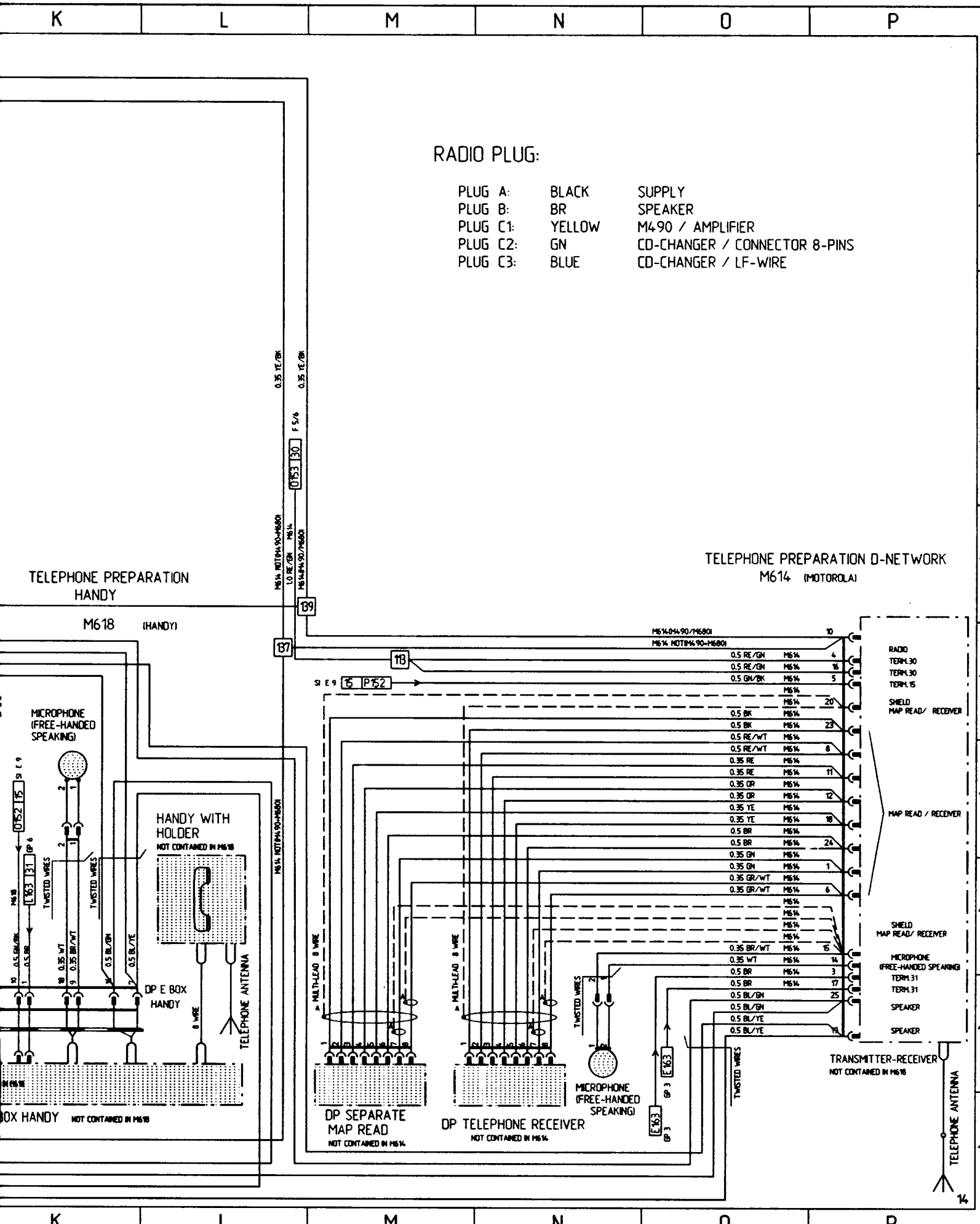
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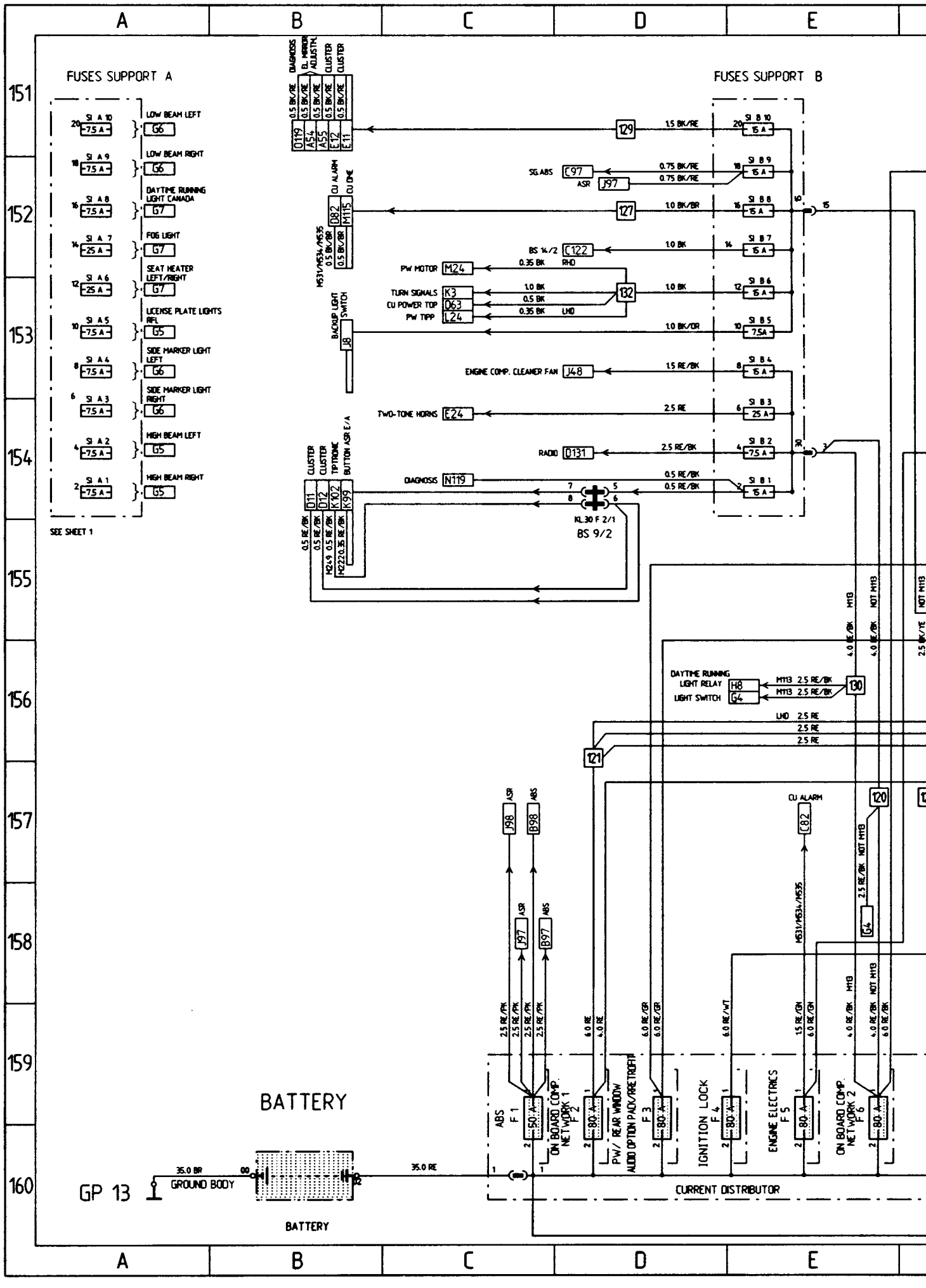
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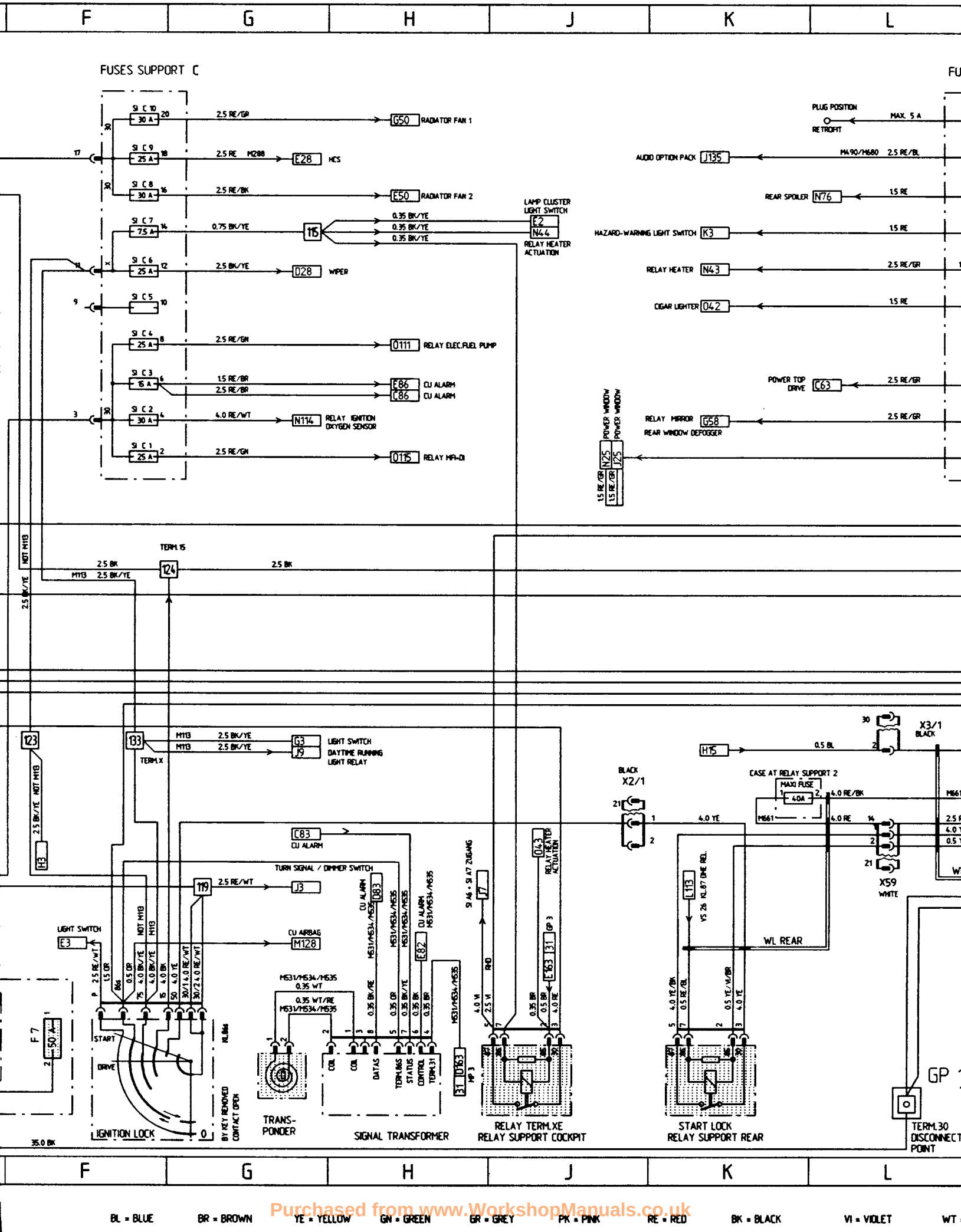
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POWER SUPPLY, FUSES



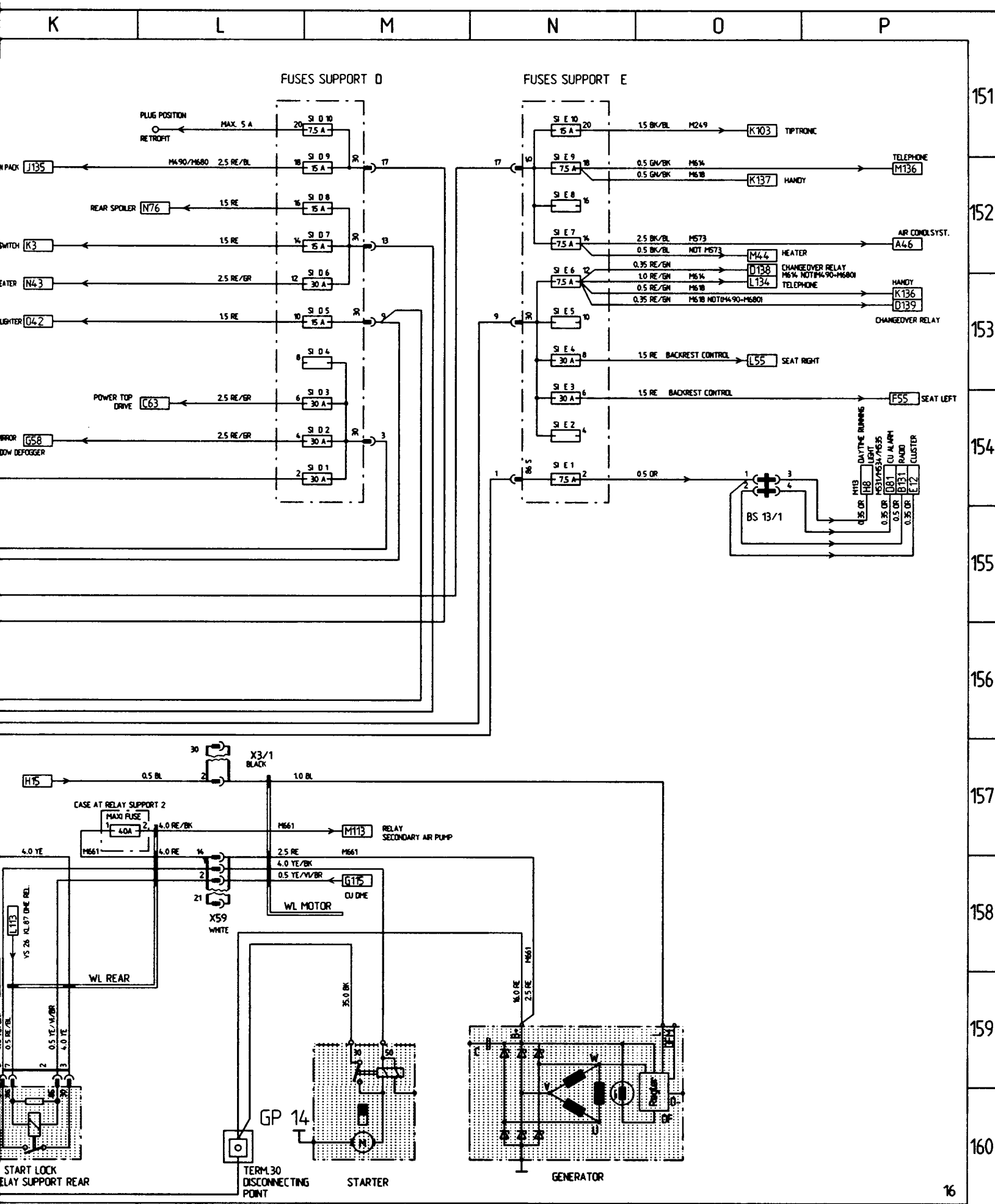
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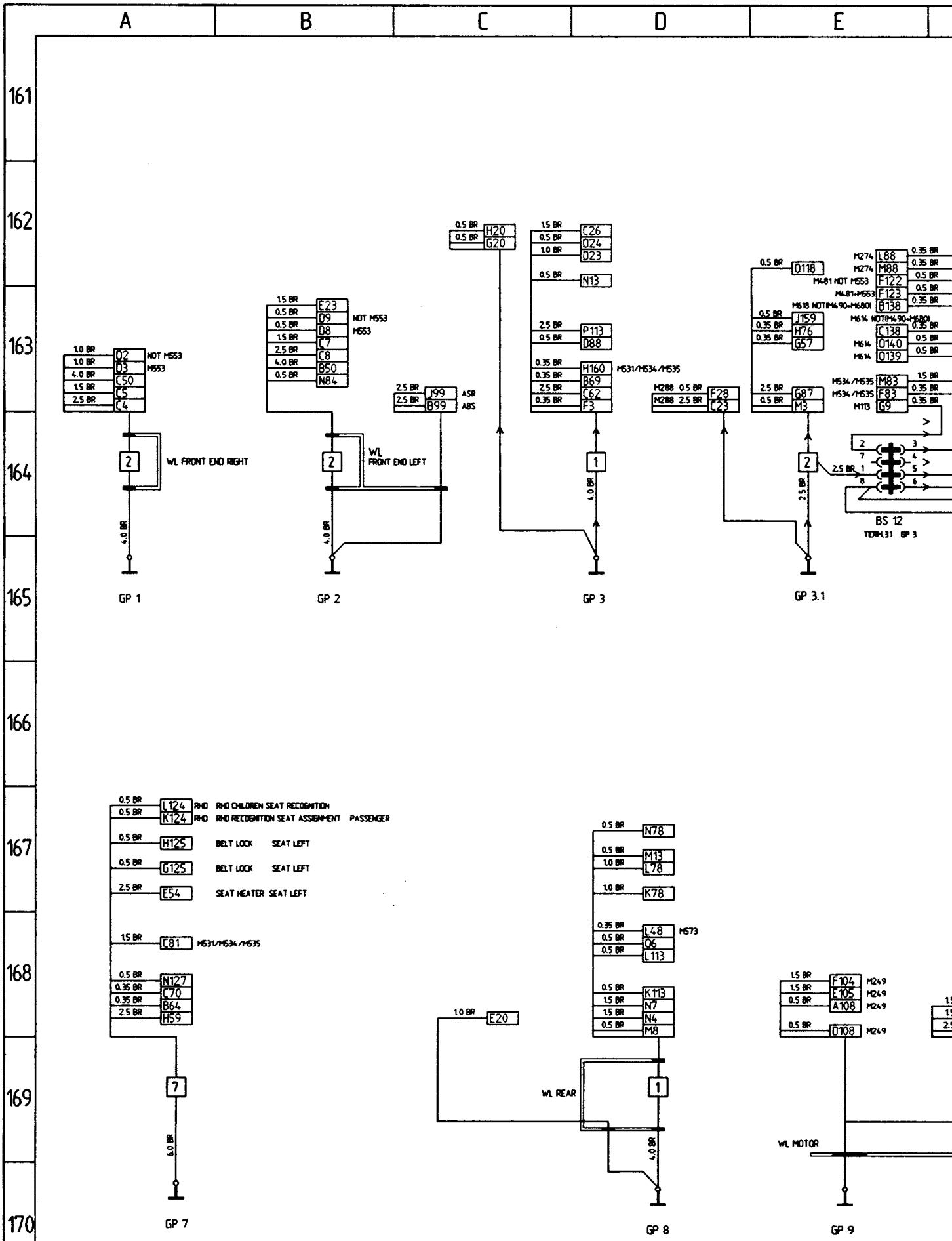
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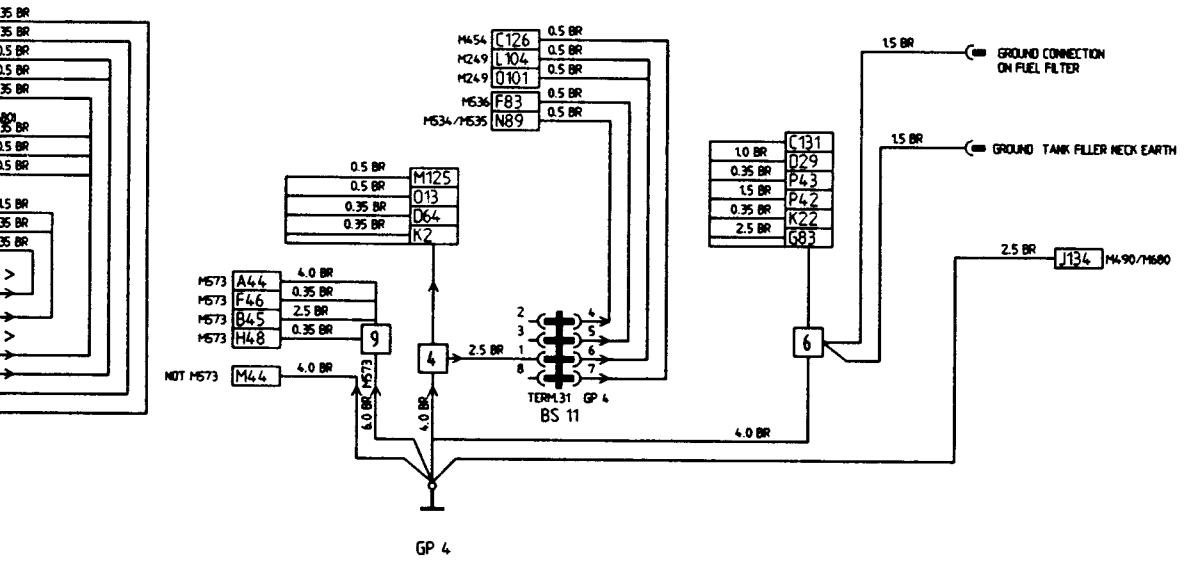
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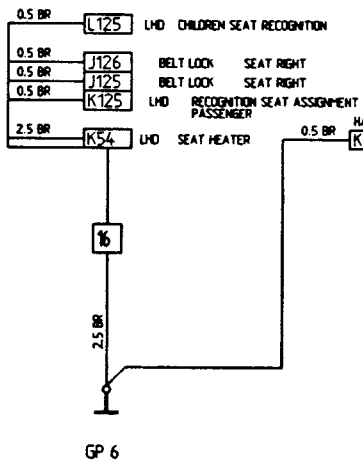
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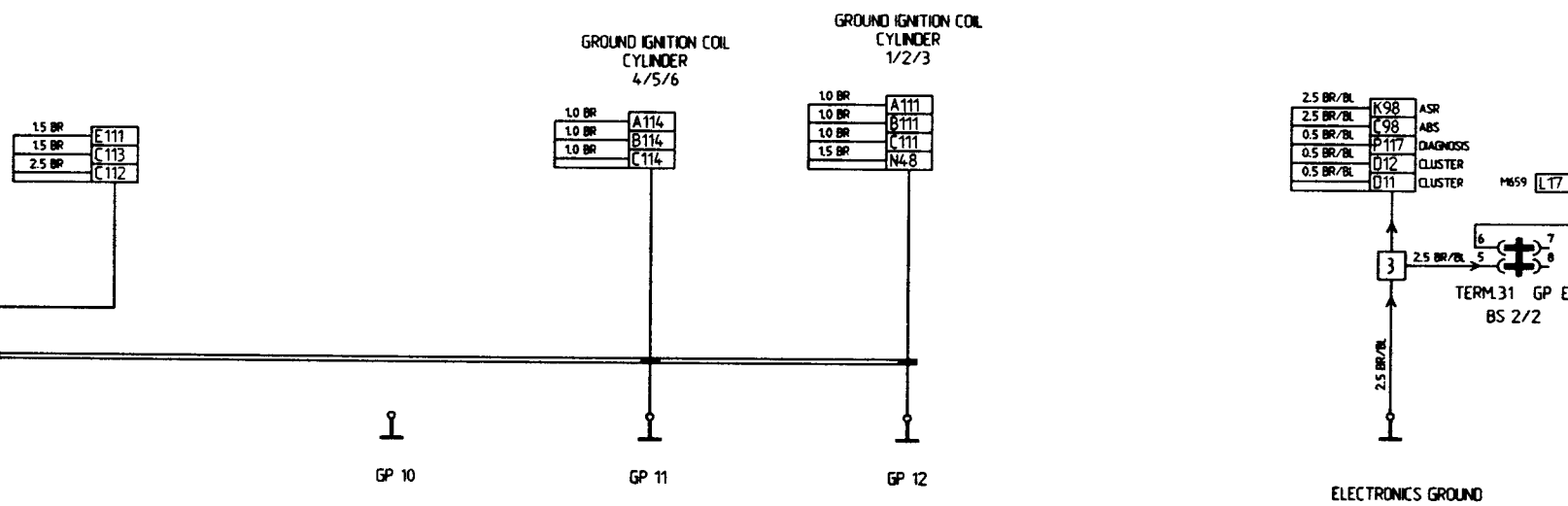


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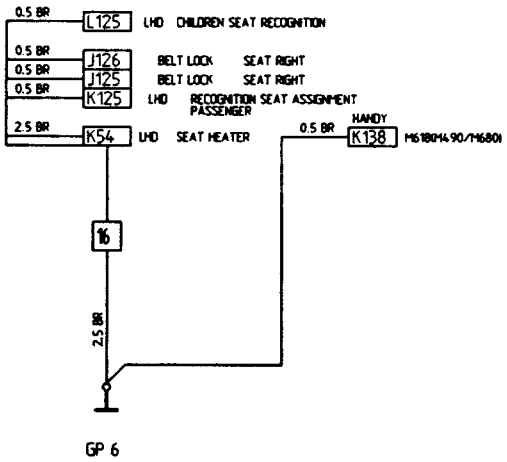


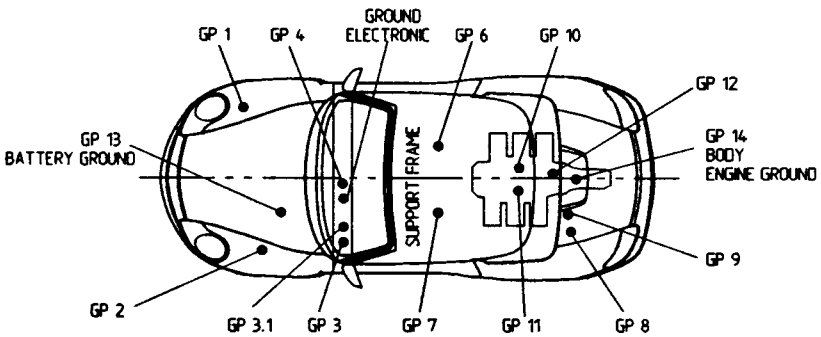


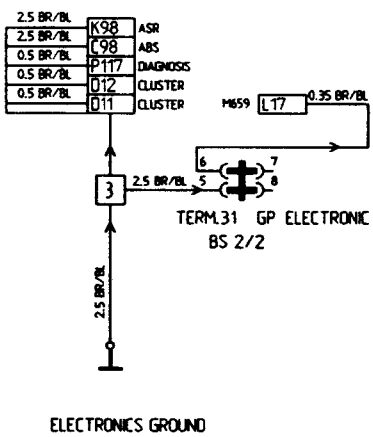
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BL = BLUE BR = BROWN YE = YELLOW GN = GREEN GR = GREY PK = PINK RE = RED BK = BLACK VI = VIOLET WT =

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A B C D E

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	NOTE	FIELD IN WIRING DIAGRA
ALARM HORN	5bP	5bM	LEFT OF BATTERY	M81/82
ANTENNA AMPLIFIER	7bL	7bL	RIGHT ON THE A-PILLAREIGHT MIRROR OUTSIDE	A132
OUTSIDE TEMP. SENSOR	1dM	1dM	ATTACHED TO RIB OF PV PART	J20
STOP LIGHT SWITCH	6cP	6cL	BELOW DASHBOARD ON BRAKE PEDAL LINKAGE	K10
BRIDGE PLUG	6cQ	6cL		SIEHE BL.21
DIAGNOSIS CONNECTION	6cQ	6cQ	LEFT BELOW DASHBOARD	N/0120
ENGINE SPEED SENSOR	13cQ	13cQ		A115
THROTTLE VALVE SENSOR	11cQ	11cQ		A/B118/119
PRESSURE SWITCH AIR CONDITIONING SYSTEM	5bM	5bP	IN FRONT OF AIR CLEANER	H50
TWO-TONE HORNS	1dM	1dM	ABOVE UNDERSIDE PANEL	D/E21
BLOWER ENGINE COMPARTMENT	12cQ	12cQ		N50
BLOWER MOTOR RIGHT	3cL	3cL	UNDER MAIN HEADL. ON PU PART	C49/50
BLOWER MOTOR LEFT	3cQ	3cQ	UNDER MAIN HEADL. ON PU PART	A49/50
HALL SENSOR	12cM	12cM		A/B116
HYDRAULIC UNIT ABS	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	B-G92/93
ABS/ABD HYDRAULIC UNIT	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	J-092/93
KICK-DOWN SWITCH	5cQ	5cL	UNDER THE ACCELERATOR PEDAL	O/P102
KNOCK SENSOR CYL.1-3	12cL	12cL		A/B117
KNOCK SENSOR CYL.4-6	12cQ	12cQ		A/B117
FUEL PUMP	5dQ	5dQ	IN THE TANK UNDER THE BATTERY	
CLUTCH SWITCH CRUISE CONTROL	5dQ	5dN	AT CLUTCH PEDAL	P111
INSTRUMENT CLUSTER	6pB	6mB		F122
OXYGEN SENSOR UPSTR.CAT. CYL. 1/3	14dQ	14dQ		H111
OXYGEN SENSOR UPSTR.CAT. CYL. 3/6	14dL	14dL		H111
OXYGEN SENSOR DOWNSTR. CAT. CYL. 1/3	16dQ	16dQ		J111
OXYGEN SENSOR DOWNSTR. CAT. CYL. 3/6	16dL	16dL		J111
IDLE SPEED POSITIONER	13cQ	13cQ		J120
MASS AIR FLOW SENSOR	13cQ	13cQ		K/L120
MICRO SWITCH CONVERTIBLE TOP UNLOCK	9aQ	9aQ	AT WIND COURSE FRAME	B70
MICRO SWITCH CONVERTIBLE TOP LOCK	9aN	9aN	AT WIND COURSE FRAME	B70
MICRO SWITCH VDKD CLOSE	13bN	13bN	IN REAR LUGGAGE COMPARTMENT	B62
MICRO SWITCH CONVERTIBLE TOP CLOSED	12bQ	12bQ	B-PILLAR LEFT	C70
NTC TEMPERATURE FOR INTAKE AIR				A115
OIL PRESSURE SENSOR/SWITCH				J11
OIL LEVEL SENSOR				K11
OIL TEMPERATURE SENSOR				K11
SWITCH LIFTING	15dN	15dN	ON GEARBOX	B109/110

A B C D E

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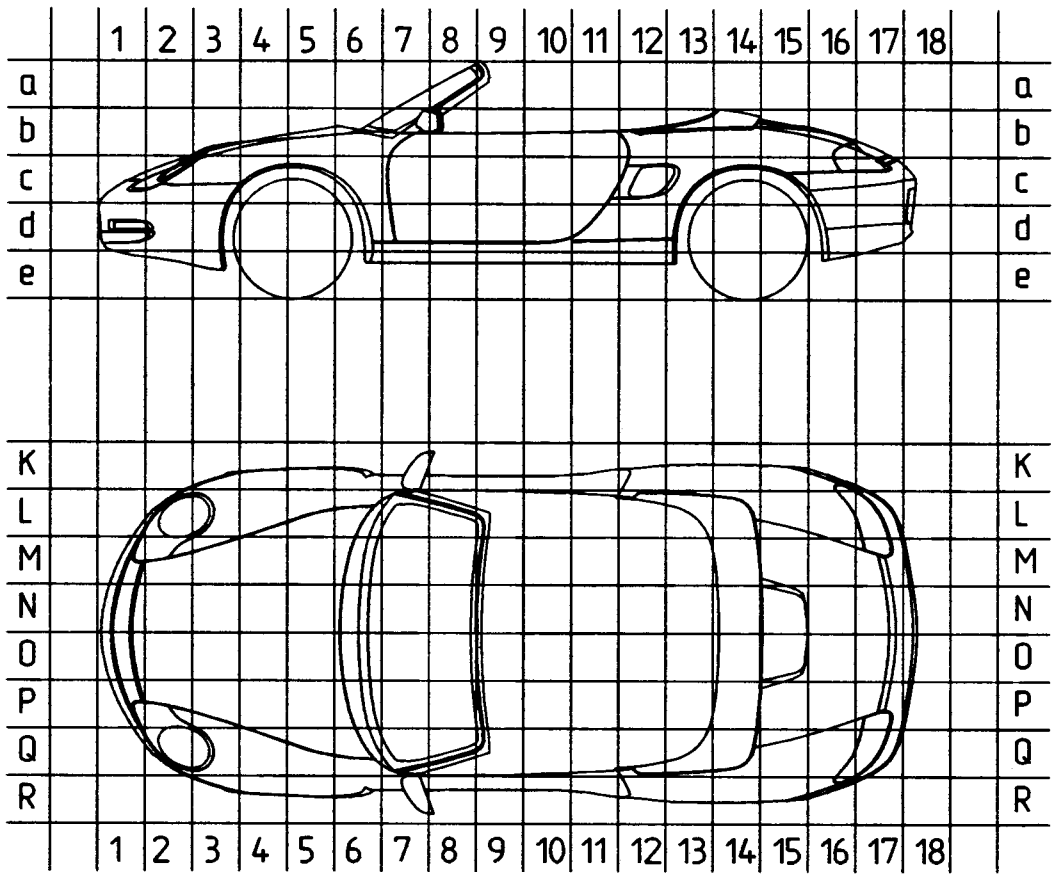
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DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	NOTE	FIELD IN WIRING DIAGRAM
RELAY AC COMPRESSOR	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L50
RELAY FLASHER	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	M1
RELAY MFI + DI	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L/M111
RELAY FUEL PUMP	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	N111
RELAY POWER TOP	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1 DOUBLE RELAY	A-E65-67
RELAY TWO-TONE HORN	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E21
RELAY ACTUATION HEATING	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	N41
RELAY RADIATOR FAN 1 STAGE 1	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	F50
RELAY RADIATOR FAN 1 STAGE 2	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	G50
RELAY RADIATOR FAN 2 STAGE 1	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	D50
RELAY RADIATOR FAN 2 STAGE 2	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E50
RELAY TERM.X	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	J160
RELAY ENGINE COMPARTMENT CLEANER FAN	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K/L50
RELAY FOG LIGHT SWITCH OFF USA/JAPAN	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E10
RELAY SECONDARY AIR PUMP	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	M111
RELAY MIRROR / REAR WINDOW DEFOGGER	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	G60
RELAY SPOILER EXTEND	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K80
RELAY SPOILER RETRACT	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L80
RELAY START LOCK	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K160
RELAY DAYTIME RUNNING LIGHT	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1 DOUBLE RELAY	G/H10
RELAY HCS	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	F30
RELAY WIPER INTERMITTENT CONTROL	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E30
RELAY IGNITION / OXYGEN SENSOR	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L111
BACKUP LIGHT SWITCH	14dN	14dN	ON GEARBOX	J10
WINDSHIELD WASHING FLUID PUMP	6dQ	6dQ	ON WAHSHER TANK REAR	D21
SECONDARY AIR PUMP	12bM	12bM		F/G111
FUSES SUPPORT	6dQ	6dL	ON THE A-PILLAR IN FOOTWELL	A-P151-154
PREDETERMINED MELTING AREAS	6cN	6cN	PASSENGER'S FOOTWELL	C-F159/160
HEADLIGHT CLEANER PUMP	6dQ	6dQ	WINDSHIELD WASHER PUMP	C21
STARTER	13cN	13cN		M160
CONTROL UNIT ABS	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	B-G94
CONTROL UNIT AIRBAG	7dN	7dN	FLOOR PANEL CENTER CONSOLE	D/P125/126
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	10dP	10dP	UNDER THE DRIVER SEAT	A82-88
CONTROL UNIT MFI+DI	15cP	15cP		CDE111-120
CONTROL UNIT HEATING, AIR CONDITIONING	6bQ	6bQ	IN CONTROL UNIT	A-E41/42
CONTROL UNIT CRUISE CONTROL WITH DRIVE MOTOR	6cQ	6dM	L. ABOVE FOOTWELL OUTLET NOZZLE	A/B125/126
CONTROL UNIT TIPTRONIC TRANSMISSION	15cN	15cN	IN REAR LUGGAGE COMPARTMENT	C-H101/102
LIGHTS ON BUZZER	6bP	6bP	IN CLUSTER	A/B15
FUEL LEVEL SENSOR	5dQ	5dQ	IN THE TANK UNDER THE BATTERY	P111
TANK	6cK	6cK		K120
VENTING VALVE				
AMPLIFIER	6bN	6bN	IN LUGGAGE COMPARTMENT RIGHT REAR	F/G135/136

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	FIELD IN WIRING DIAGRAM
SUPPORT 2	L50
	M1
SUPPORT 2	L/M111
	N111
DOUBLE RELAY	A-E65-67
	E21
	N41
	F50
	G50
	D50
	E50
	J160
SUPPORT 2	K/L50
	E10
SUPPORT 2	M111
	G60
SUPPORT 2	K80
SUPPORT 2	L80
SUPPORT 2	K160
DOUBLE RELAY	G/H10
	F30
	E30
SUPPORT 2	L111
	J10
	D21
	F/G111
	A-P151-154
	C-F159/160
	C21
	M160
	B-G94
	D/P125/126
	A82-88
	CDE111-120
	A-E41/42
	A/B125/126
	C-H101/102
	A/B15
	P111
	K120
	F/G135/136



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CONNECTORS AND ABBREVIATIONS

A	B	C	D	E

PLUG CONNECTIONS

CODE	NUMBER OF PINS	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	NOTE
X 1/1	21	CONNECTION WL PASSENGER COMPARTMENT/ WL FRONT END LEFT	4cP		IN LUGGAGE COMPARTMENT
X 1/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL FRONT END RIGHT	4cQ		
X 3/1	30	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR	15cP		
X 3/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR	15cP		
X10	4	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR POWER TOP			
X11	46	CONNECTION WL PASSENGER COMPARTMENT/ WL DOOR LEFT	7cQ		
X12	46	CONNECTION WL PASSENGER COMPARTMENT/ WL DOOR RIGHT	7cL		
X15	3	CONNECTION WL PASSENGER COMPARTMENT/ WL HARDTOP	12cQ		
X16	6, 8 (2X4)	CONNECTION WL PASSENGER COMPARTMENT/ WL SEAT HEATING LEFT	9dP		
X17	6, 8 (2X4)	CONNECTION WL PASSENGER COMPARTMENT/ WL SEAT HEATING RIGHT	9dM		
X20	4	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER	6cO		
X20/1	12	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER PLUG Y	6cO		
X20/1	10	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER PLUG X	6cO		
X24	2	CONNECTION WL PASSENGER COMPARTMENT/ WL HIGH MOUNTED STOP LIGHT			
X59	21	CONNECTION WL MOTOR/ WL REAR	15cP		
X65	15	CONNECTION WL DOOR DRIVER'S SIDE/ WL OUTSIDE MIRROR LEFT	7bR		
X66	15	CONNECTION WL DOOR PASSENGER'S SIDE/ WL OUTSIDE MIRROR RIGHT	7bK		
X2/1	21	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		
X2/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		

M-NUMBERS

M 113	CANADA VERSION (DAYTIME RUNNING LIGHT)
M 139	ADJUSTABLE SEAT HEATING, LEFT SEAT
M 193	JAPAN VERSION
M 222	ANTI-SKID REGULATOR (ASR)
M 249	AUTOMATIC TRANSMISSION (TIPTRONIC)
M 273	OUTSIDE MIRROR POWER ADJUSTABLE
M 288	HEADLIGHT CLEANING SYSTEM
M 340	ADJUSTABLE SEAT HEATING, RIGHT SEAT
M 441	RADIO PREPARATION
M 454	CRUISE CONTROL
M 465	REAR FOG LIGHT LEFT
M 466	REAR FOG LIGHT RIGHT
M 481	5-RANGE-TRANSMISSION
M 490	AUDIO OPTION PACK
M 531	CODE LOCK CENTRAL LOCKING SYSTEM
M 534	ANTI-JOY RIDE DEVICE SYSTEM
M 535	ANTI-JOY RIDE DEVICE SYSTEM USA
M 550	HARDTOP
M 553	USA / CANADA VERSION
M 573	AIR CONDITIONING SYSTEM
M 614	TELEPHONE PREPARATION
M 618	HANDY
M 651	POWER WINDOWS
M 659	ON-BOARD COMPUTER
M 660	OBD II
M 661	STRICTER EMISSIONS CONCEPT
M 692	CD-CHANGER

A	SPEEDO OUT
P	IGNITION SWI
X	IGNITION SWI
XE	TERM X DIS
15	IGNITION SWI
86s	IGNITION SWI
K	DIAGNOSIS K
30	PERMANENT
31	GROUND
54	STOP LIGHT

A	B	C	D	E

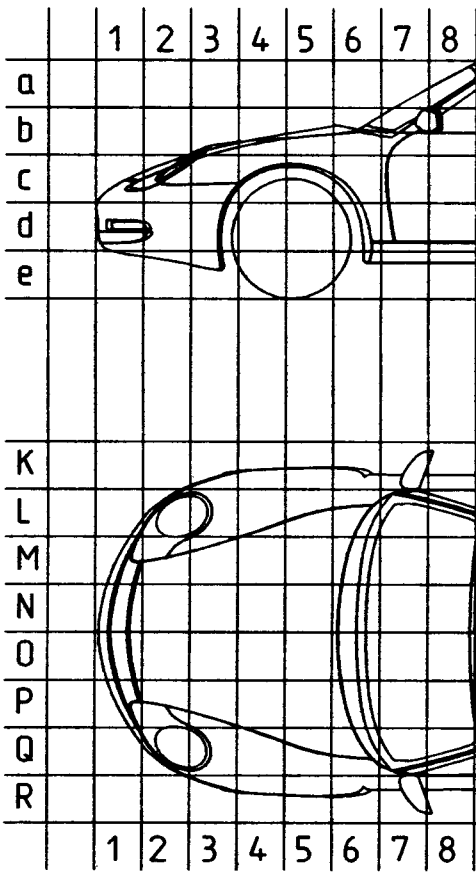
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	FIELD IN WIRING DIAGRAM
RTMENT FRONT LEFT WHITE	D7/8. J17. D24. C48. M84. B96. J96.
BLACK	D4/5. C49.
BLACK	J8. G13. M47. L118. F124. L157.
BLUE	J103-106
BLACK	B63.
BLACK	J23-24. C56. H-K88. F137.
BLACK	N23-24. C54. H-K83. H137.
BLACK	H58
WHITE	F53. G123.
BLACK	M53. H123.
BLACK	K44
BLACK	C-D43
BLACK	A-B43
BLACK	M8.
WHITE	M7. L13. M48. H112. L158.
WHITE	C59.
WHITE	C52.
BLACK	M6. M14. J48. N113. J157.
YELLOW	F18. J46. M76. M87. G96. N96. N114.

ABBREVIATIONS

CODE	MEANING	CODE	MEANING
AAV	ACTIVE CHARCOAL ISOLAT. VALVE	HA	REAR AXLE
ABD	AUTOMATIC BRAKE DIFFERENTIAL	HF	HIGH FREQUEN
ABS	ANTILOCK BRAKING SYSTEM	HFM	HOT-FILM AIR
AC	AIR CONDITIONING SYSTEM	HL	REAR LEFT
AGR	EXHAUST GAS RECIRCULATION	HR	REAR RIGHT
ASR	ANTI-SKID REGULATOR	KL	TERMINAL
ATF	OUTSIDE TEMP. SENSOR	KLS	COMBINED STE
BKV	BRAKE BOOSTER	KS	WIRING LOOM
BS	BRIDGE PLUG	KVA	FUEL CONSUM
BVA	BRAKE PAD WEAR DISPLAY	LED	LIGHT-EMITTIN
C A N	SERIAL DATA TRANSFER	LL	LEFT-HAND D
CLOCK	CLOCK SIGNAL	LWR	HEADLIGHT VE
DATA	DATA SIGNAL	ME	MOTRONIK WI
DF	SPEED SENSOR	MM	ENGINE ACTUA
DFA	ENGINE-SPEED SENSOR OUTPUT	MMR	NOMINAL TORQ
DG	ENGINE SPEED SENSOR	MP	GROUND POINT
DK	THROTTLE VALVE	NF	LOW FREQUEN
DKG	THROTTLE VALVE SENSOR	NL	FOG LIGHT
DME	DIGITAL ENGINE ELECTRONICS	NR	NUMBER
EDS	ELECTRONIC DIFFERENTIAL LOCK	NSL	REAR FOG LIG
EKP	ELEC.FUEL PUMP	NTC	NEGATIVE TE
EV	FUEL INJECTOR	POV	DIAGNOSIS PU
FDR	DYNAMIC RUNNING GEAR ADJUSTMENT	PIN	PIN
FH	POWER WINDOW	POTI	POTENTIOMET
GND	GROUND	ROK	TIRE PRESSUR



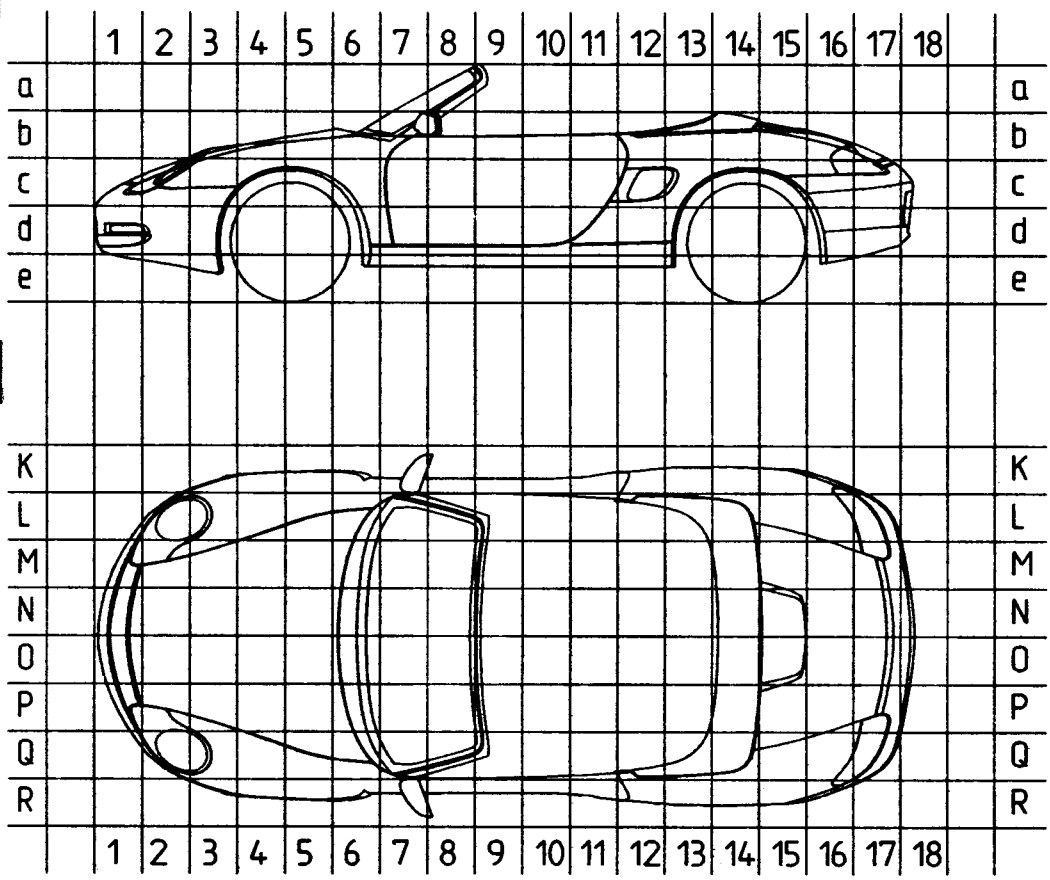
D OUTPUT		56	LIGHT SWITCH POSITION II
N SWITCH POSITION	0	56a/56b	HIGH BEAM/LOW BEAM
N SWITCH POSITION	I+II	57	LIGHT SWITCH POSITION I
X DISCHARGING		58	LIGHT SWITCH POSITION I+II
N SWITCH POSITION	II+III	58R/58L	SIDE MARKER LIGHT RIGHT/LEFT
N SWITCH POSITION	I+II+III	58d	INSTRUMENT LIGHTS LAMPS BULB/LED
OSIS K		31d	INSTRUMENT LIGHTS MINUS POTENTIAL LED
ANENT POSITIVE		Ti	INJECTION SIGNAL
D		Tn	ROTATIONAL SPEED SIGNAL
LIGHT		61	GENERATOR D+

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K	L	M	N	O	P

	CODE	MEANING	CODE	MEANING
E	HA	REAR AXLE	ROW	REST OF WORLD
	HF	HIGH FREQUENCY	RFL	BACKUP LIGHT
	HFM	HOT-FILM AIR MASS METER	RL	RIGHT-HAND DRIVE
	HL	REAR LEFT	SA	SAUDI ARABIA
	HR	REAR RIGHT	SG	CONTROL UNIT
	KL	TERMINAL	SI	FUSE
	KLS	COMBINED STEERING COLUMN SWITCH	SILA	SAFETY LAMP
	KS	WIRING LOOM	SRA	HEADLIGHT CLEANING SYSTEM
	KVA	FUEL CONSUMPTION INDICATOR	ST	PLUG
	LED	LIGHT-EMITTING DIODE	TC	TRACTION CONTROL
	LL	LEFT-HAND DRIVE	TEL.MUTE	RADIO MUTING CONTROL
	LWR	HEADLIGHT VERTICAL AIM CONTROL	TI	INJECTION TIME
	ME	MOTRONIK WITH ELECTRON. THROTTLE CONTROL	TN	ENGINE SPEED
	MMI	ENGINE ACTUAL IMPULSE	TS	DISCONNECTING POINT
	MMR	NOMINAL TORQUE	VA	FRONT AXLE
	MP	GROUND POINT	VDKD	LID F CONVERT: TOP HOUSING
	NF	LOW FREQUENCY	VL	FRONT LEFT
	NL	FOG LIGHT	VR	FRONT RIGHT
	NR	NUMBER	VS	CONNECTING POINT
	NSL	REAR FOG LIGHT	WW	WORLDWIDE
	NTC	NEGATIVE TEMPERATURE COEFFICIENT	ZK	IGNITION CIRCUIT
	PDV	DIAGNOSIS PUMP FOR TANK LEAK RECOGNITION DEVICE	ZV	CENTRAL LOCKING SYSTEM
MENT	PIN	PIN		
	POTI	POTENTIOMETER		
	ROK	TIRE PRESSURE CONTROL		



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K	L	M	N	O	P

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WELDING POINT

WELDING POINT IN WL PASSENGER COMP.

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1	BR	GROUND			D164
2	BR	GROUND			E164
3	BR/BL	ELECTRONICS GROUND			L169
4	BR	GROUND			G164
6	BR	GROUND			H164
7	BR	GROUND			A169
9	BR	GROUND			G164
16	BR	GROUND			K164
22	WT/BK	TERM.56			H3
33	BK/WT	TURN SIGNALS LEFT			K4
34	BK/GN	TURN SIGNALS RIGHT			L6
37	BR/GN	BRAKE PAD WEAR DISPLAY FR			J19
38	BR/BK	BRAKE PAD WEAR DISPLAY FR			J19
39	BL	TERM.61 CHARGE INDICATOR			E15
42	GR/BL	TERM.58d			M16
46	BR/OR	ANALOG GROUND			F14
49	BK/YE	TERM.X			C27
53	BR/BK	BRAKE PAD WEAR DISPLAY FL CLUSTER			H19
54	BR/GN	BRAKE PAD WEAR DISPLAY FL CLUSTER			H19
55	BR	BR.P.WEAR.DIS. FL GR. WHEEL CARRIER			G19
56	BR	BR.P.WEAR.DIS. FR GR. WHEEL CARRIER			H19
61	GR/GN	REAR WINDOW DEFOGGER			F57
65	BK/GR	TERM.87 RELAY ACTUATION HEATING			M46
69	BR/GN/BK	COMFORT OPEN			D69
70	BR/GN	DOORCLAW BLANK			H84
72	GR/WT	ALARM SIREN			E83
73	BR/YE	DOOR LIGHT			K87
74	BR/GN/WT	DOORCLAW BLANK			H86
75	BL/WT/BR	DOOR LOCKED			H85
76	BR/RE	DOOR LOCK UP			H86
77	BR/WT	DOOR LOCK CLOSE			H84
81	GN/OR	DOOR LOCK CLS MOTOR			J85
82	BL/YE	DOOR LOCK CLS MOTOR			J85
88	WT/BR	ESD, RL CLUSTER MFI + OI			F96
100	RE/BL	TERM.86 RELAY ELEC.FUEL PUMP			N114
104	OR/BK	K1 - LEAD	Re9	Re9	P119
108	GN/RE	CU AIRBAG CRASH OUTPUT			M126
110	OR/RE	DIAGNOSE AND CONTROL CLUSTER			C126
113	RE/GN	TERM.30 TELEPHONE			M136

WELDING POINT IN WL PASSENGER COMP.

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSI VEHI LHD
115	BK/YE	TERM.XE SI C 7 CONTROL LINE	
119	RE/WT	IGNITION LOCK	
120	RE/BK	TERM.30 F6 CURRENT DISTRIBUTOR	
121	RE	GENERAL ON BOARD COMP. NETWORK	
123	BK/YE	TERM.X IGNITION LOCK	
124	BK	TERM.15 IGNITION LOCK	
127	BK/BR	TERM.15 SI B 8	
129	BK/RE	TERM.15 SI B 10	
130	RE/BK	TERM.30 M113 DAYTIME RUNNING LIGHT	
132	BK	TERM.15 SI B 6	
133	BK/YE	TERM.X DAYTIME RUNNING LIGHT	
137	YE/BK	D-TELEPHONE MUTE	
138	YE/BK	HANDY MUTE	
139	YE/BK	D-TELEPHONE MUTE	
140	YE/BK	HANDY MUTE	
141	BR/WT	SPEED SENSOR FL	
142	BR/BL	SPEED SENSOR FL	
143	BR/WT	SPEED SENSOR FR	
144	BR/BL	SPEED SENSOR FR	
151	BL/GN/RE	LID LOCK	
152	BL/YE/RE	LID LOCK	
155	BK	LEAD CD-CHANGER	
156	BR	LEAD CD-CHANGER	
157	BR/BL	AUDIO OPTION PACK RADIO LF-WIRE	

WELDING POINT IN WL FRONT END LEFT

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSI VEHI LHD
1			
2	BR	GROUND	
3			
4			
5			
6			
7	BK/YE	+ TWO-TONE HORNS	
8	BR	- TWO-TONE HORNS	
9			
10			

WELDING POINT IN WL FRONT END RIGHT

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSI VEHI LHD
1			
2	BR	GROUND	
3			
4			
5			
6			
7			
8			
9			
10			

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COMP.

POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
		G152
		G158
		E157
		D156
		F157
		F155
		D152
		D151
		E156
		D153
		F157
		L136
		J137
		L135
		J136
		F98/N98
		F97/N97
		F98/N98
		F97/N97
		N83
		N83
		B133/F133
		B134/F134
		F135

FT

POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
		B164
		D22
		E22

HT

POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
		A164

WELDING POINT IN WL REAR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
1	BR	GROUND			D169
10					
11					
12					
13	BK/OR	STOP LIGHT			N8
14					
15					
16					
20					
21					
22	BK	TERM.87 REL.IGNITION/ OXYGEN SENSOR			J113
23					
24					
25	RE/GN	TERM.30 RELAY MFI+DI			L114
26	RE/BL	TERM.87 RELAY MFI+DI			L114
27					
28					
29					
30					
31					
32					
40					
41					
42					
43	BR/GN	BRAKE PAD WEAR DISPLAY RL			F19
44	BR	BR.PAD W.DISPL. RL GROUND WHEEL CARRIER			F19
45					
46					
47					
48					
49					
50					

WELDING POINT IN WL DOOR DRIVER'S SIDE

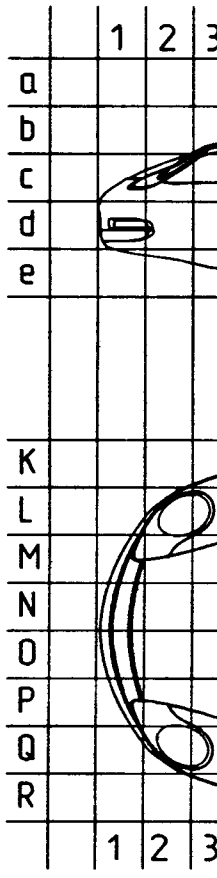
CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
1					
2	BR	GROUND			F89
3	BR/BL	DOOR CLAW BLANK			J89
4	BL/WT/BR	DOOR LOCKED			F89
5	BR/GN	CLAW BLANK			F89
6					
7					
8					
9					
10					

WELDING POINT IN WL DOOR PASSENGER'S SIDE

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
1					
2	BR	GROUND			F82
3	BR/BL	DOOR CLAW BLANK			J82
4	BL/WT/BR	DOOR LOCKED			F82
5	BR/GN	CLAW BLANK			F82
6					
7					
8					
9					
10					

WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	PO VE LH
1	BL/RE	GROUND OXYGEN SENSOR	
2	BK	TERM.15 OXYGEN SENSOR	
3	BR/PK	GROUND SENSORS	
4	BR	GROUND SHIELD	
5	BR	GROUND IGNITION CYL.1-3 GP 12	
6	BR	GROUND IGNITION CYL.4-6 GP 11	
7			
8	RE/VI	5V-SUPPLY	
9	RE/BL	VALVE SUPPLY	
10	BK	TERM.15E FUEL INJECTORS	
11	GR/GN	SUPPLY SECONDARY AIR PUMP	
12			
13			
14	BR	GROUND KNOCK SENSORS	
15			
16			
17			
18	BK/BL	TERM.15 CU TIPTRONIC	
19			
20	BR	TERM.31 CU TIPTRONIC	
21	PK/BK	SWITCH LIFTING WIRE 1	
22	BL/YE	SWITCH LIFTING WIRE 2	
23	BL/WT	SWITCH LIFTING WIRE 3	
24	BL/BK	SWITCH LIFTING WIRE 4	
25			
26			
27	YE/BL	SUPPLY SOLENOID VALVE	
28			
29			
30			



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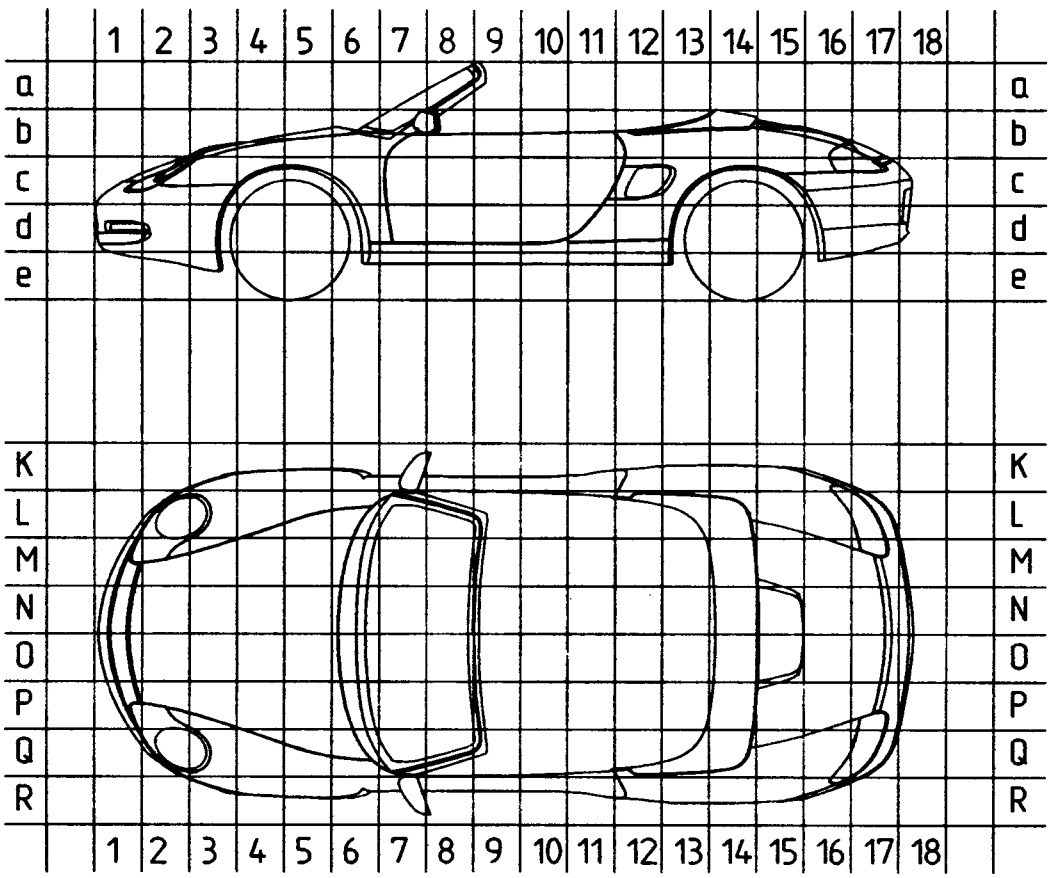
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WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
1	BL/RE	GROUND OXYGEN SENSOR			H113
2	BK	TERM.15 OXYGEN SENSOR			F112
3	BR/PK	GROUND SENSORS			C118
4	BR	GROUND SHIELD			E112
5	BR	GROUND IGNITION CYL.1-3 GP 12			B111
6	BR	GROUND IGNITION CYL.4-6 GP 11			B114
7					
8	RE/VI	5V-SUPPLY			C119
9	RE/BL	VALVE SUPPLY			J119
10	BK	TERM.15E FUEL INJECTORS			H119
11	GR/GN	SUPPLY SECONDARY AIR PUMP			G114
12					
13					
14	BR	GROUND KNOCK SENSORS			C117
15					
16					
17					
18	BK/BL	TERM.15 CU TIPTRONIC			G103
19					
20	BR	TERM.31 CU TIPTRONIC			E104
21	PK/BK	SWITCH LIFTING WIRE 1			E105
22	BL/YE	SWITCH LIFTING WIRE 2			E105
23	BL/WT	SWITCH LIFTING WIRE 3			E105
24	BL/BK	SWITCH LIFTING WIRE 4			E105
25					
26					
27	YE/BL	SUPPLY SOLENOID VALVE			C106
28					
29					
30					

WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
31	RE/WT	OXYGEN SENSOR UPSTR.CAT.			G113
32	BR/OR	OIL LEVEL SENSOR			K14
33					
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39					
40	RE/GR	HALL SENSOR			C116
41					
42					
43					



25

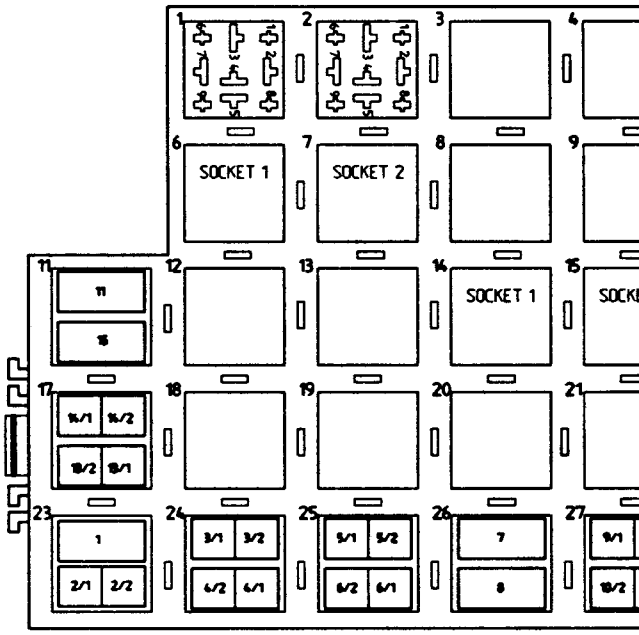
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RELAY SUPPORT 1 RELAY SUPPORT 2

RELAY SUPPORT



RELAY

PLUG POSITION	DESIGNATION	PORSCHE-NUMBER	M-NO.	NOTE
1	--- --- --- --	--- --- --- --		
2	--- --- --- --	--- --- --- --		
3	FLASHER	111.953.227.D		
4	REAR WINDOW DEFOGGER / MIRROR	--- --- --- --		
5	CHANGEOVER RELAY TELEPHONE SPEAKER			
6	CU DAYTIME RUNNING LIGHT	--- --- --- --	M 113	DOUBLE RELAY
7	CU DAYTIME RUNNING LIGHT	--- --- --- --		
8	CU HEADLIGHT WASHING	996.618.113.00	M 288	
9	TERM.XE	141.951.253.B		
10	TWO-TONE HORNS	141.951.253.B		
12	FOG LIGHT USA / JAPAN	431.951.253.G	M 193 M 553	
13	FUEL PUMP	996.615.101.00		
14	CU POWER TOP	--- --- --- --		DOUBLE RELAY
15	CU POWER TOP	--- --- --- --		
16	WIPER INTERMITTENT CONTROL	986.615.103.00		
18	ACTUATION HEATING	141.951.253.B		
19	RADIATOR FAN 1 STAGE 1	141.951.253.B		
20	RADIATOR FAN 1 STAGE 2	141.951.253.B		
21	RADIATOR FAN 2 STAGE 1	141.951.253.B		
22	RADIATOR FAN 2 STAGE 2	141.951.253.B		

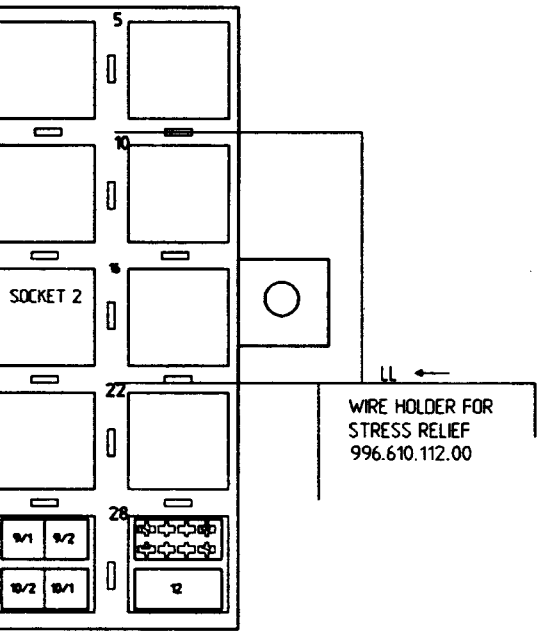
POT

PLUG
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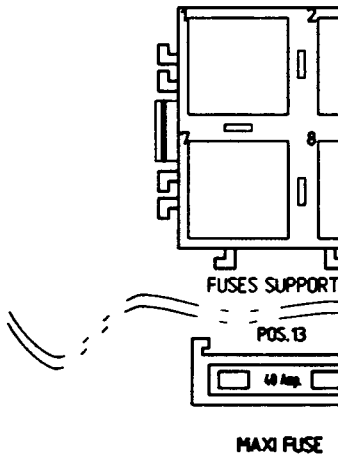
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ORT 1



VIEW OF SIDE OF RELAY SOCKET



POTENTIAL DISTRIBUTOR BRIDGE PLUG

PLUG POSITION NAME		COLOR	POTENTIAL	NAME	COLOR	POTENTIAL	NOTE
11	BS. 11	BR	TERM.31 GP 4		———		8 PINS
11	BS. 15	GR/RE	TERM.58d LED		———		8 PINS
17	BS. 13/1	OR	TERM.86S SI E 1	BS. 13/2	BK/OR	TERM.15 SI B 5	ONLY 996
17	BS. 14/1	BK/YE	TERM.X WIPER	BS. 14/2	BK	TERM.15 STOP LIGHT FUSE INPUT	ONLY 996
23	BS. 1	GR/PK	TERM. SPEEDOMETER A		———		8 PINS
23	BS. 2/1	BR/YE	SIGNAL PARKING BRAKE	BS. 2/2	BR/BL	TERM.31 ELECTRONICS GROUND	
24	BS. 3/1	YE/WT	FOG LIGHT	BS. 3/2	YE	TERM.56 RIGHT	
24	BS. 4/1	X/X	TELEPHONE / HANDY MUTE	BS. 4/2	VI/GN	TERM. TN-SIGNAL	
25	BS. 5/1	WT	TERM.56a	BS. 5/2	BK/OR	TERM.54 STOP LIGHT	
25	BS. 6/1	NOT USED		BS. 6/2	GR/BL/BR	TERM.31d LED	
26	BS. 7	RE/BK	CONSUMER SWITCHED OFF		———		8 PINS
26	BS. 8	OR/BL	K2 - LEAD		———		8 PINS
27	BS. 9/1	RE/BR	TERM.30 CLS	BS. 9/2	RE/BK	TERM.30 SI B 1	
27	BS. 10/1	GR	TERM.58 SI A 5	BS. 10/2	GR/BL	TERM.58d LAMP BULB	
28		NOT USED			NOT USED		
28	BS. 12	BR	TERM.31 GP 3		———		8 PINS

RELAY PO

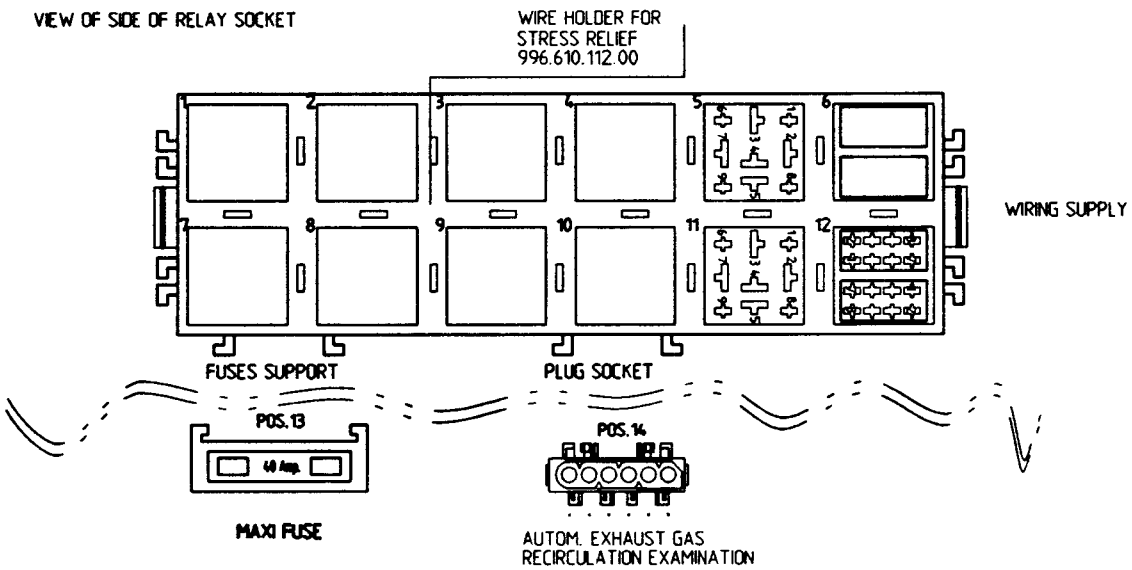
PLUG POSITION NAME
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K L M N O P

RELAY SUPPORT 2



RELAY POTENTIAL DISTRIBUTOR BRIDGE PLUG

PLUG POSITION NAME	DESIGNATION	PORSCHE-NUMBER	M-NO.	NOTE
1	RELAY MFI-DI	141.951.253.B		
2	IGNITION / OXYGEN SENSOR	141.951.253.B		
3	SPOILER EXTEND	996.615.102.00		
4	AIR COMPRESSOR	964.615.215.00	M 573	
5	--- --- --- --	--- --- --- --		
7	START LOCK	141.951.253.B		
8		141.951.253.B		
9	SPOILER RETRACT	996.615.102.00		
10	SECONDARY AIR PUMP	993.615.115.00	M 661	
11	--- --- --- --	--- --- --- --		
6	--- --- --- --	--- --- --- --		
12	--- --- --- --	--- --- --- --		
13	MAXI FUSE FOR SECONDARY AIR PUMP		M 661	40 AMP.
14	TEST PLUG FOR AUTOM. EXHAUST GAS RECIRCULATION EXAMINATION			1 SIGNAL 2 TERM.31 GROUND 6 TN-SIGNAL

26

K L M N O P

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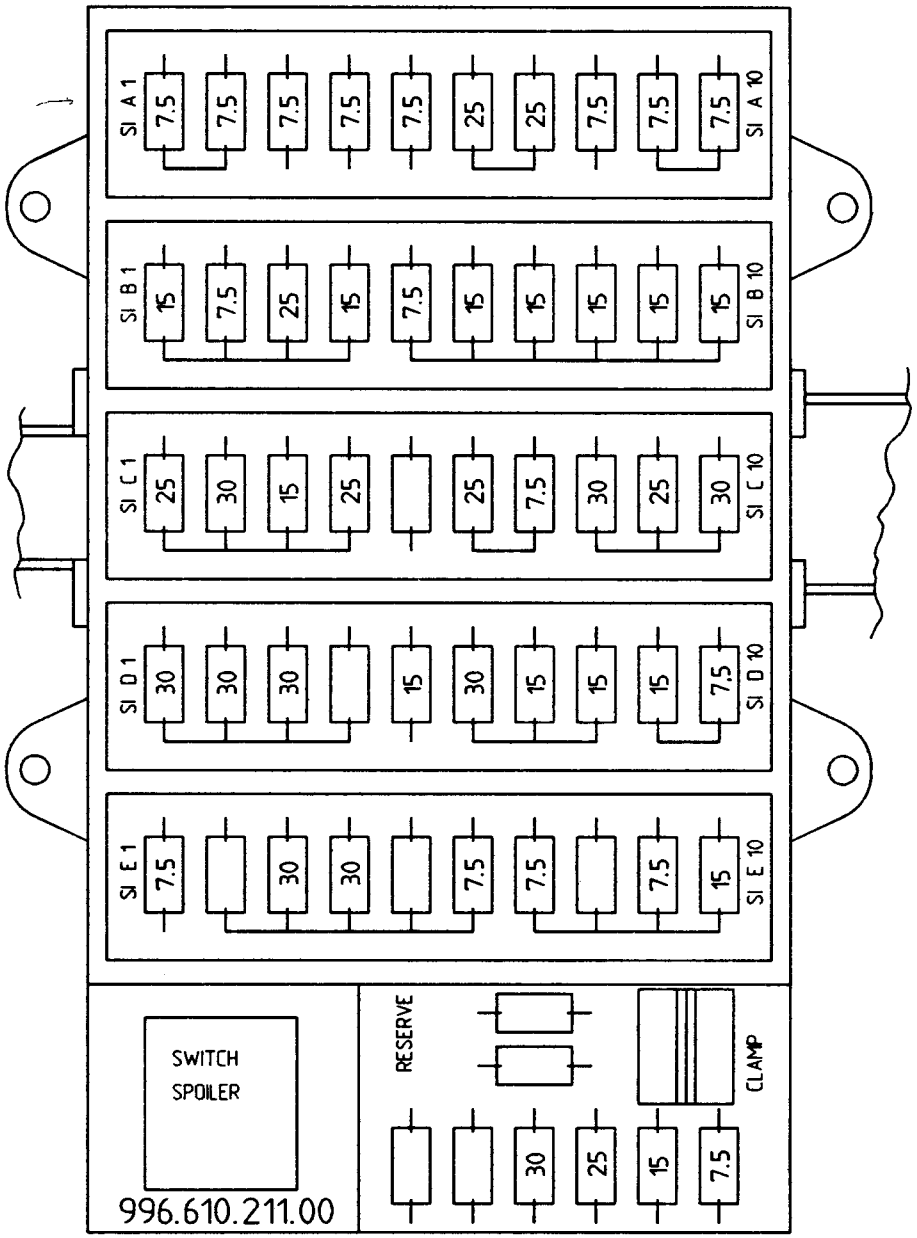
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FUSES

A B C D E

FUSES SUPPORT

TOP VIEW



PUDENZ FUSES		
COLOR	VALUE	PORSCHE-NUMBER
BROWN	7,5 A	999.607.056.00
BLUE	15 A	999.607.058.00
WHITE	25 A	999.607.060.00
GREEN	30 A	999.607.061.00

A B C D E

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FUSE HOLDER A

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI A 1	7,5 A	HIGH BEAM RIGHT	
SI A 2	7,5 A	HIGH BEAM LEFT	
SI A 3	7,5 A	SIDE MARKER LIGHT RIGHT	
SI A 4	7,5 A	SIDE MARKER LIGHT LEFT	
SI A 5	7,5 A	LICENSE PLATE LIGHTS	
SI A 6	25 A	SEAT HEATER	M139/M340
SI A 7	25 A	FOG LIGHT REAR FOG LIGHT	
SI A 8	7,5 A	LICENSE PLATE LIGHTS M113 CANADA	M113
SI A 9	7,5 A	LOW BEAM RIGHT	
SI A 10	7,5 A	LOW BEAM LEFT	

FUSE HOLDER C

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI C 1	25 A	RELAY MFI+DI	
SI C 2	30 A	RELAY IGNITION OXYGEN SENSOR	
SI C 3	15 A	CU CL/ALARM	
SI C 4	25 A	RELAY FUEL PUMP	
SI C 5			
SI C 6	25 A	WIPER	
SI C 7	7,5 A	TERM.XCONTROL WIRES	
SI C 8	30 A	RADIATOR FAN 2	
SI C 9	25 A	HEADLIGHT CLEANING SYSTEM	M288
SI C 10	30 A	RADIATOR FAN 1	

FUSE HOLDER E

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI E 1	7,5 A	TERM.86S CU CL/ALARM RADIO CLUSTER	
SI E 2			
SI E 3	30 A	BACKREST CONTROL SEAT LEFT	
SI E 4	30 A	BACKREST CONTROL SEAT RIGHT	
SI E 5			
SI E 6	7,5 A	TERM.30 TELEPHONE / HANDY	M614 / M618
SI E 7	7,5 A	AIR CONDITIONING SYSTEM	M573
SI E 8			
SI E 9	7,5 A	TERM.15 TELEPHONE / HANDY	M614 / M618
SI E 10	15 A	CU TIPTRONIC	M249

FUSE HOLD

FUSE NO.	VALU
SI B 1	15 A
SI B 2	7,5 A
SI B 3	25 A
SI B 4	15 A
SI B 5	7,5 A
SI B 6	15 A
SI B 7	15 A
SI B 8	15 A
SI B 9	15 A
SI B 10	15 A

FUSE HOLD

FUSE NO.	VALU
SI D 1	30 A
SI D 2	30 A
SI D 3	30 A
SI D 4	
SI D 5	15 A
SI D 6	30 A
SI D 7	15 A
SI D 8	15 A
SI D 9	15 A
SI D 10	7,5 A

FUSE HOLD

FUSE NO.	VALU
M F 1/1	40 A

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FUSE HOLDER B

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI B 1	15 A	INSTRUMENT CLUSTER TIPTRONIC BUTTON ASR E/A DIAGNOSIS	
SI B 2	7.5 A	RADIO	
SI B 3	25 A	TWO-TONE HORNS	
SI B 4	15 A	ENGINE COMPARTMENT CLEANER FAN	
SI B 5	7.5 A	BACKUP LIGHT	
SI B 6	15 A	CU POWER TOP TURN SIGNALS	
SI B 7	15 A	STOP LIGHT CRUISE CONTROL	
SI B 8	15 A	CU CL/ALARM CU DME	
SI B 9	15 A	CU ABS TRACTION CONTROL	
SI B 10	15 A	INSTRUMENT CLUSTER DIAGNOSIS MIRROR ADJUSTMENT	

FUSE HOLDER D

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI D 1	30 A	POWER WINDOW	
SI D 2	30 A	REAR WINDOW DEFOGGER / MIRROR	
SI D 3	30 A	CONVERTIBLE TOP DRIVE	
SI D 4			
SI D 5	15 A	CIGAR LIGHTER	
SI D 6	30 A	RELAY HEATER	
SI D 7	15 A	HAZARD-WARNING LIGHT SWITCH CU DME	
SI D 8	15 A	SPOILER EXTENO	
SI D 9	15 A	AUDIO OPTION PACK	M490
SI D 10	7.5 A	MOUNTING POINT FOR RETROFIT WARNING MAXIMUM OF 5 A	

FUSE HOLDER VARIOUS

FUSE NO.	VALUE	DESIGNATION	M-NO.
M F 1/1	40 A	MAXI FUSE SECONDARY AIR PUMP	M 661
		ON RELAY SUPPORT 2	LITTLE FUSE 999.607.011.00

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Wiring Diagram Boxster Model 98

	Coordinates	
Sheet 1	1 - 10	Lights RoW
Sheet 2	1 - 10	Lights USA/Canada
Sheet 3	11 - 20	Instrument Cluster, Sensor
Sheet 4	21 - 30	Wipe- and Wash Cleaners, Two-Tone Horns, Power Window
Sheet 5	41 - 50	Engine Cooling, Heating, Air Conditioning System
Sheet 6	51 - 60	Mirror Adjustment, Seat Heating, Rear Window Defogger
Sheet 7	61 - 70	Convertible Top Drive
Sheet 8	71 - 80	Spoiler Extend, Parking Assistant
Sheet 9	81 - 90	Central Locks, Alarm System, Interior Monitoring
Sheet 10	91 - 100	ABS
Sheet 11	101 - 110	Tiptronic
Sheet 12	111 - 120	DME, Motorelectronic
Sheet 13	121 - 130	Cruise Control, Airbag
Sheet 14	131 - 140	Radio, Telephone
Sheet 14A	131 - 140	PCM
Sheet 15	141 - 150	Seat- and Mirror Memory
Sheet 16	151 - 160	Power Supply
Sheet 17	161 - 170	Ground Points
Sheet 18		Construction Components
Sheet 19		Connectors and Abbreviations
Sheet 20		Welding Point
Sheet 21		Relay Support
Sheet 22		Fuses

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Wiring Diagram Boxster Model 98

The wiring diagram consists of individual wiring diagrams and overview sheets for ground points, components, plugs, connector points, relay holders an fuses. The individual wiring diagrams are divided up into coordinate fields.

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

The connectors are identified by an X and a number.

Wherever wires branch to another page, the coordinates and, in certain cases, the terminal markings are indicated.

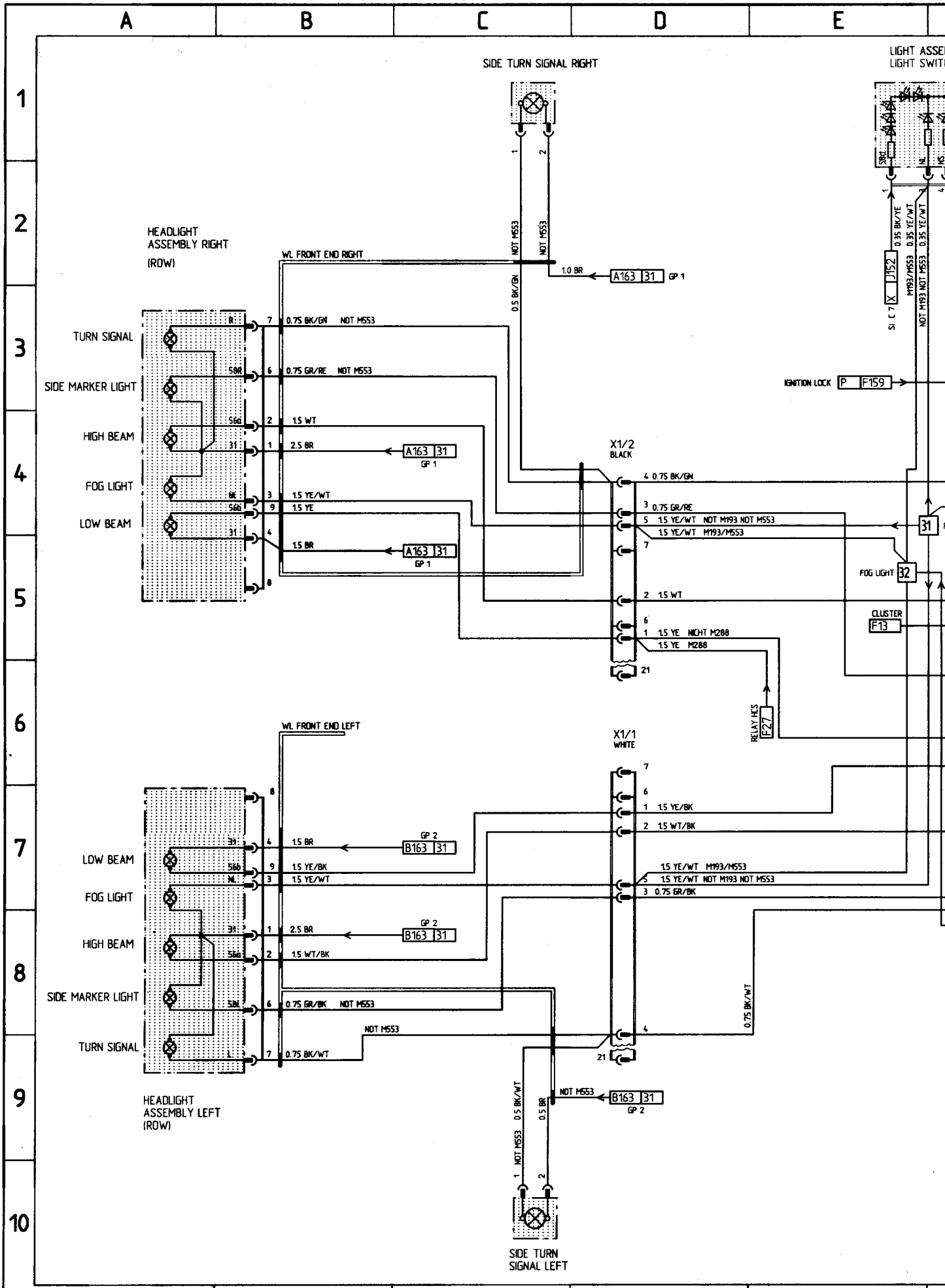
The feed wire of wire joints and bridge connectors is indicated by an arrow.

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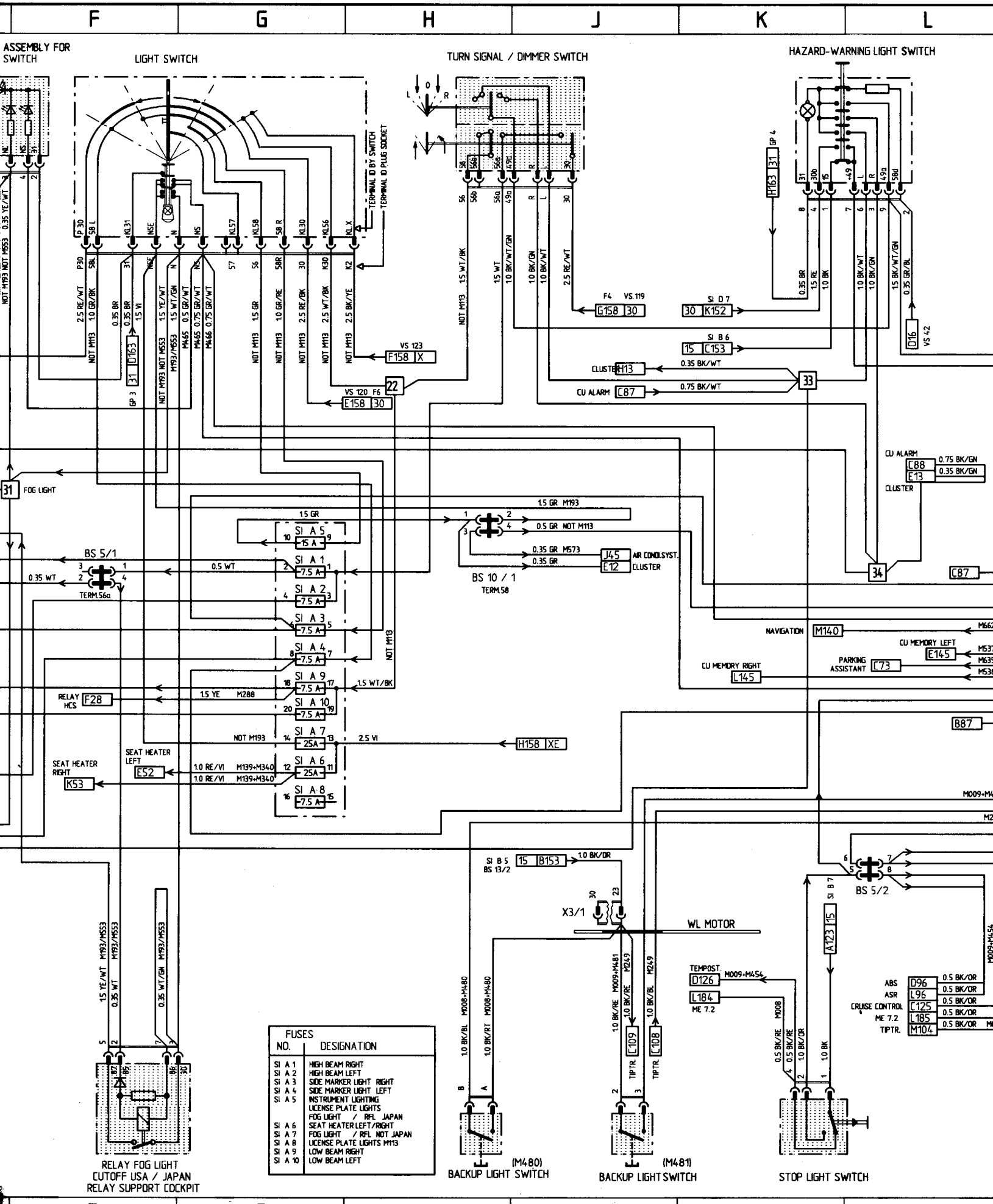
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LIGHTS ROW



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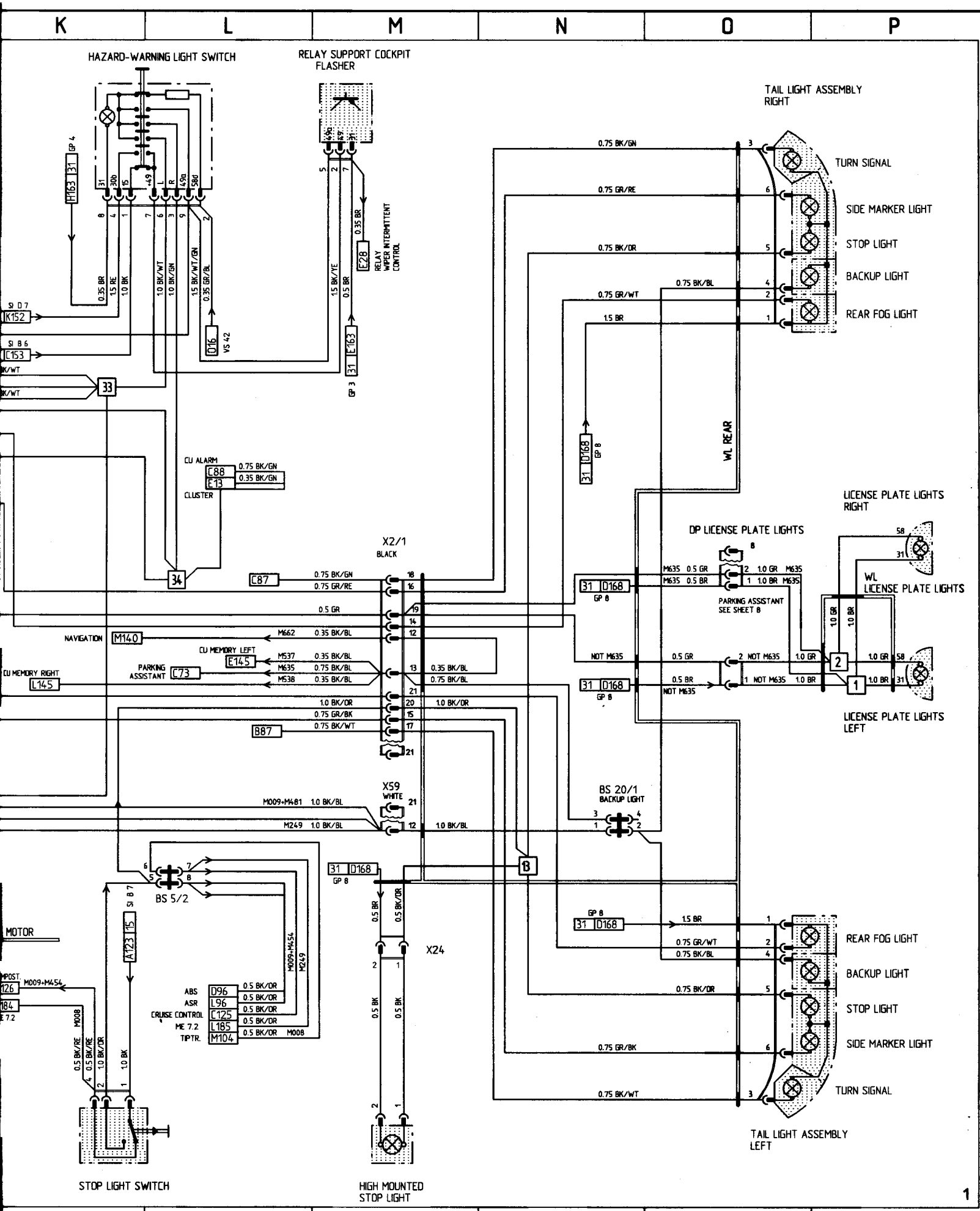
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BL = BLUE BR = BROWN YE = YELLOW GN = GREEN GR = GREY PK = PINK RE = RED BK = BLACK VI = VIOLET

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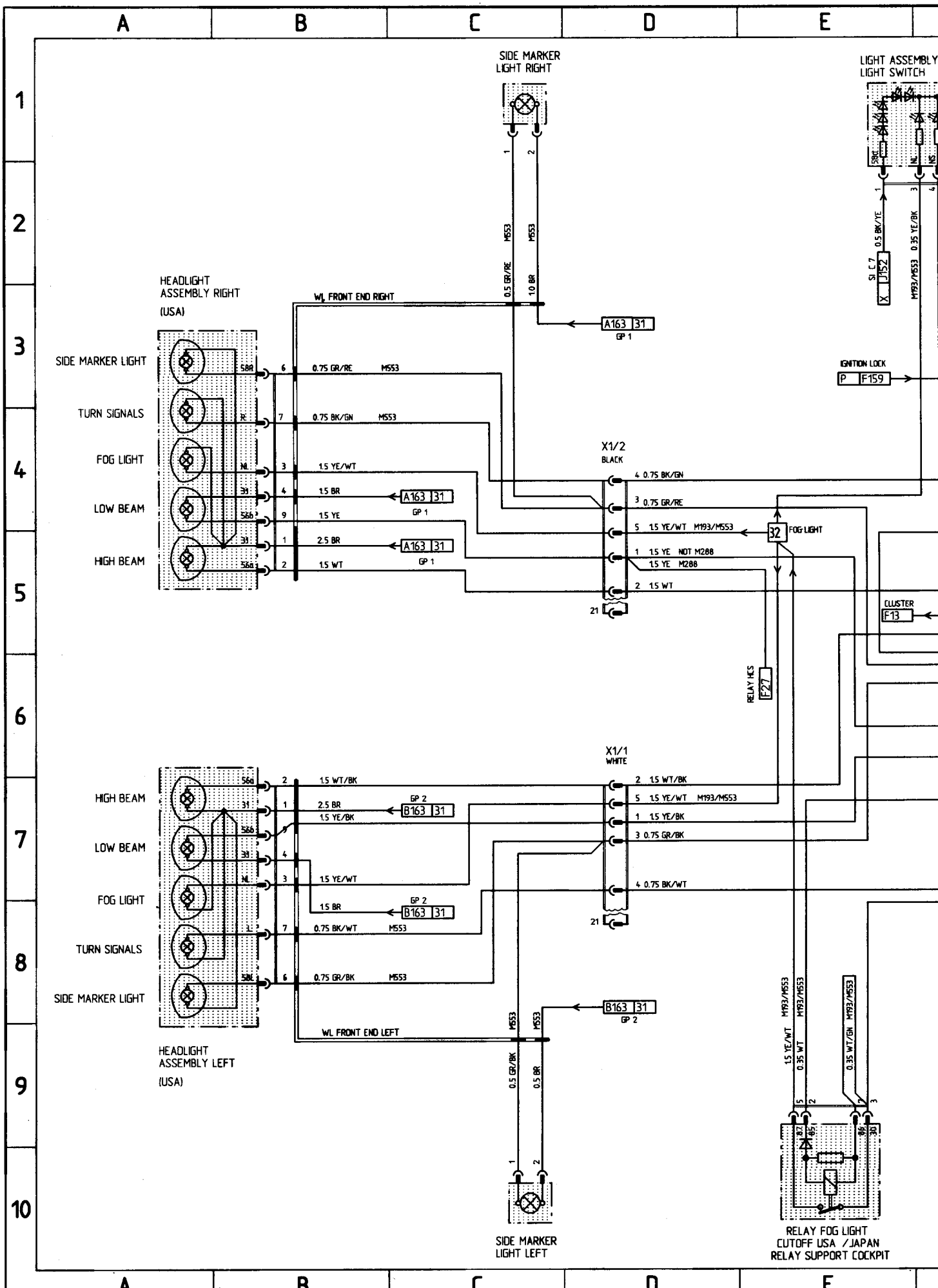


RED BK = BLACK VI = VIOLET WT = WHITE

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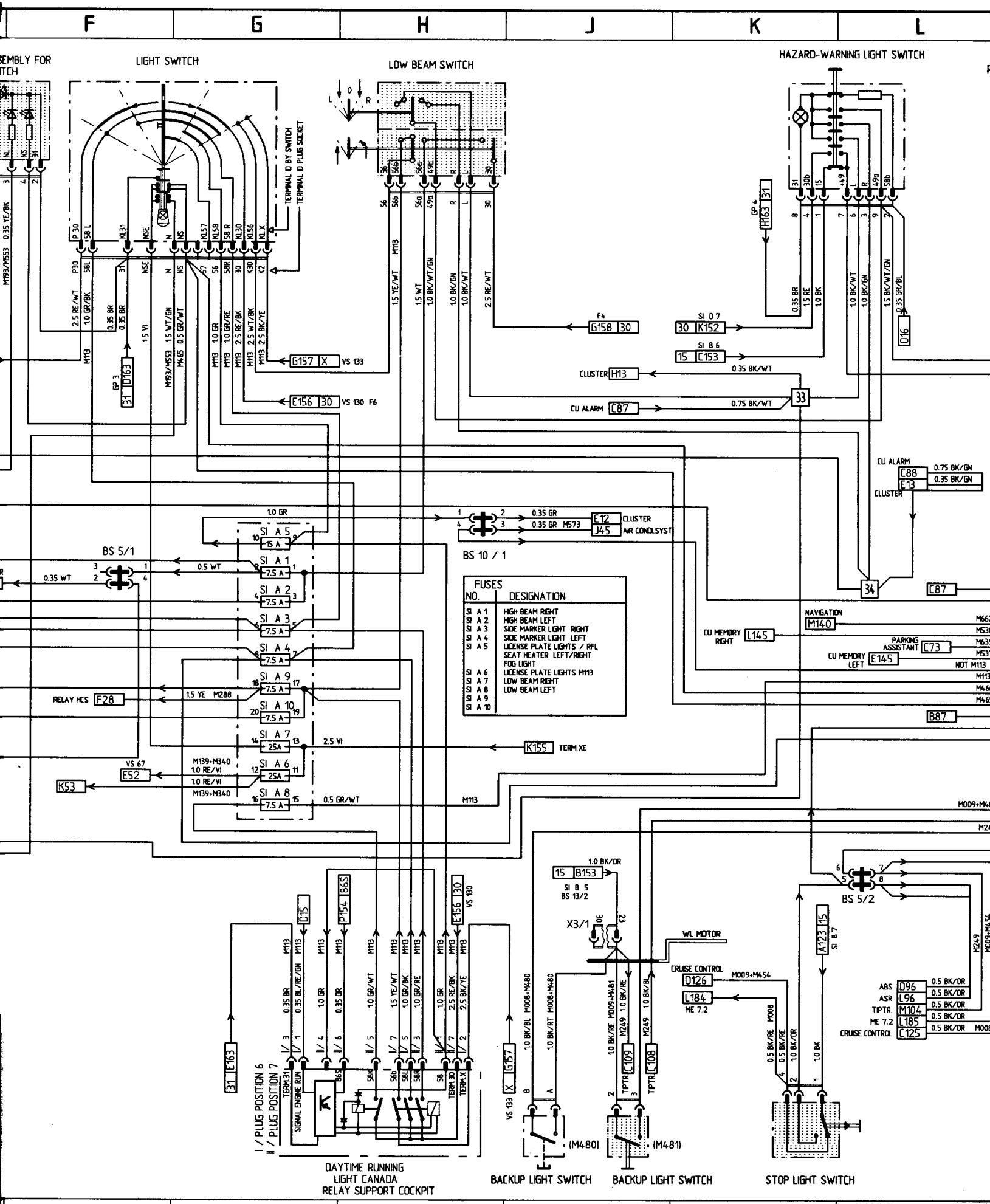
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LIGHTS USA / CANADA



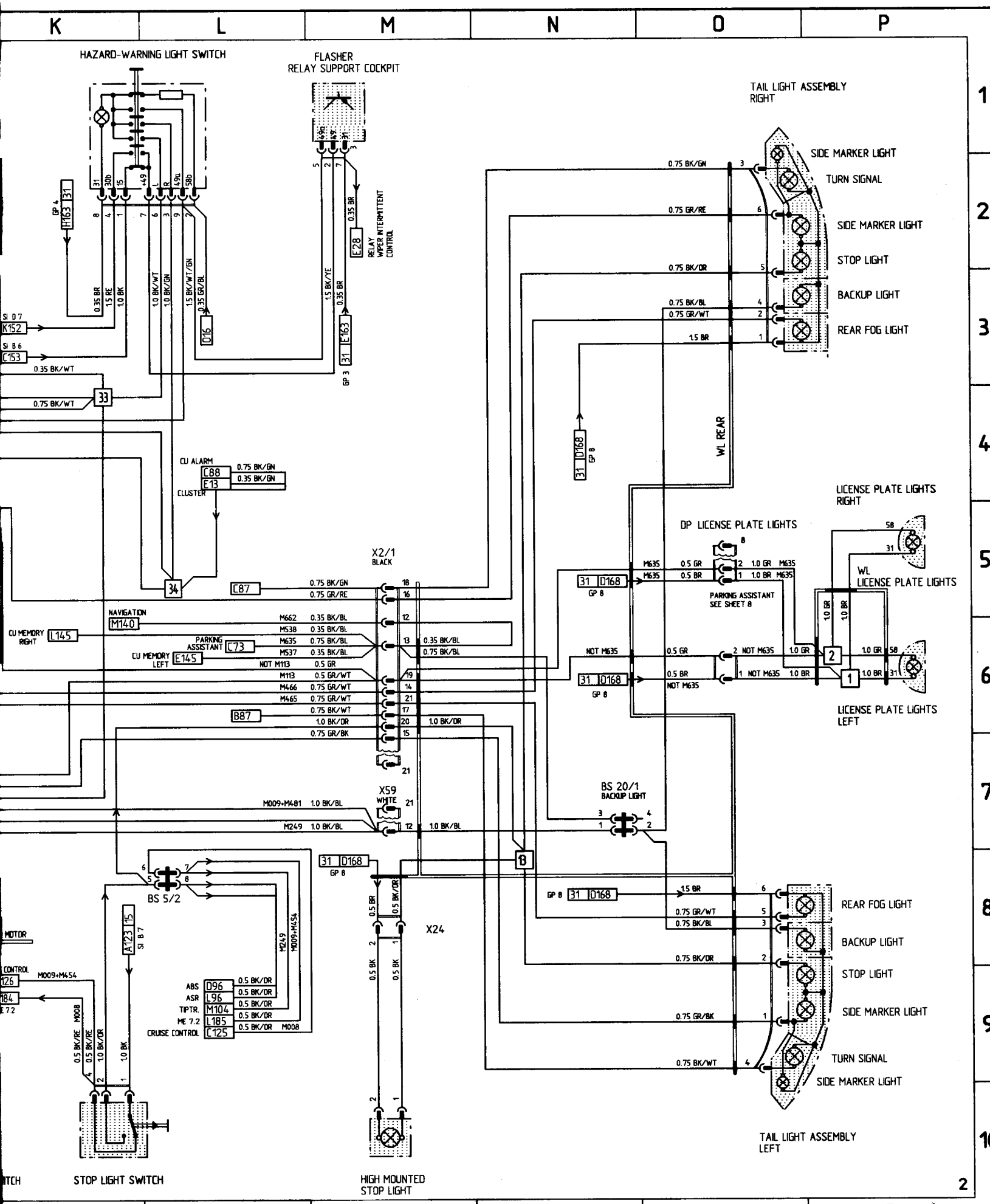
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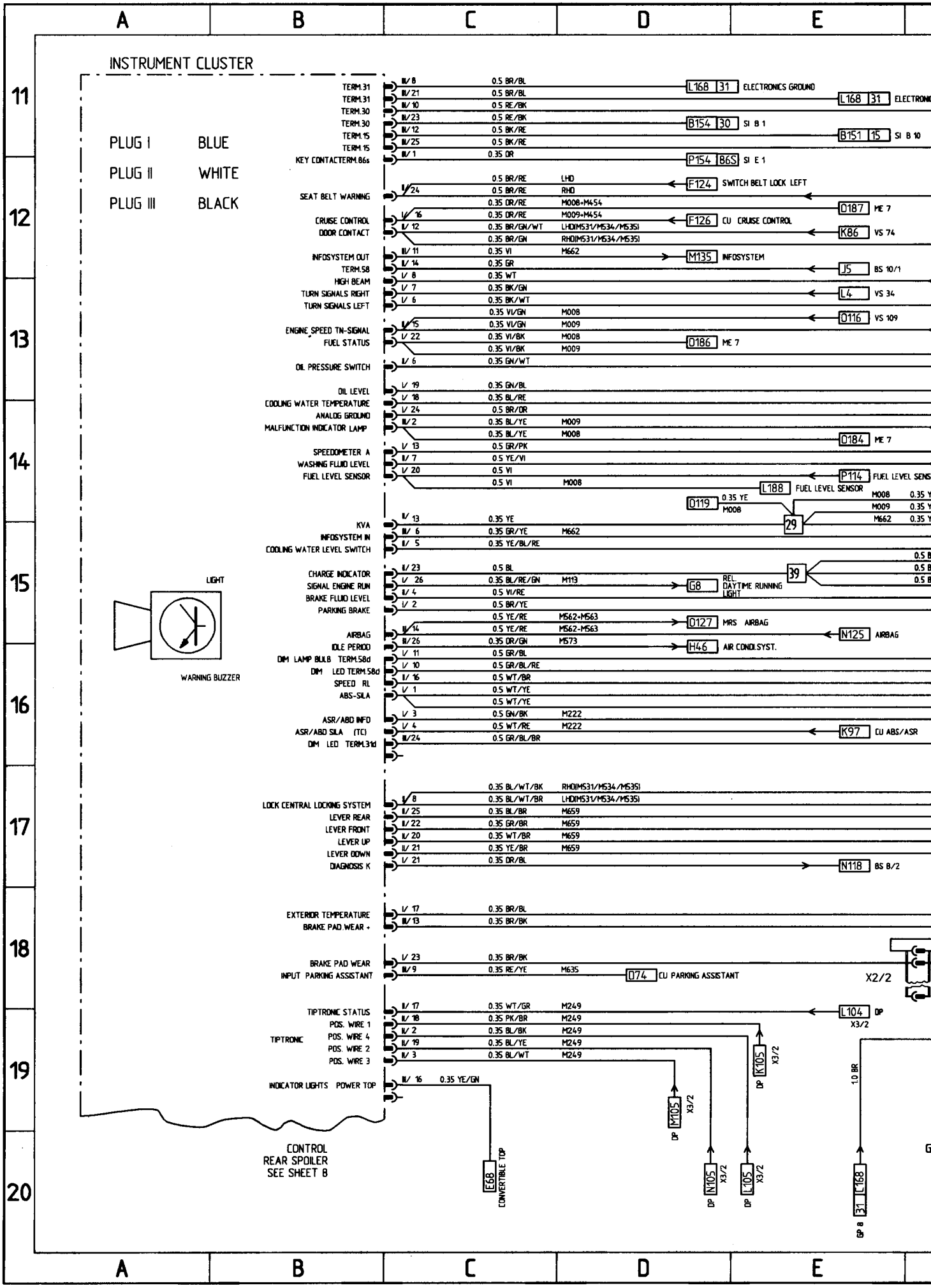


RED BK = BLACK VI = VIOLET WT = WHITE

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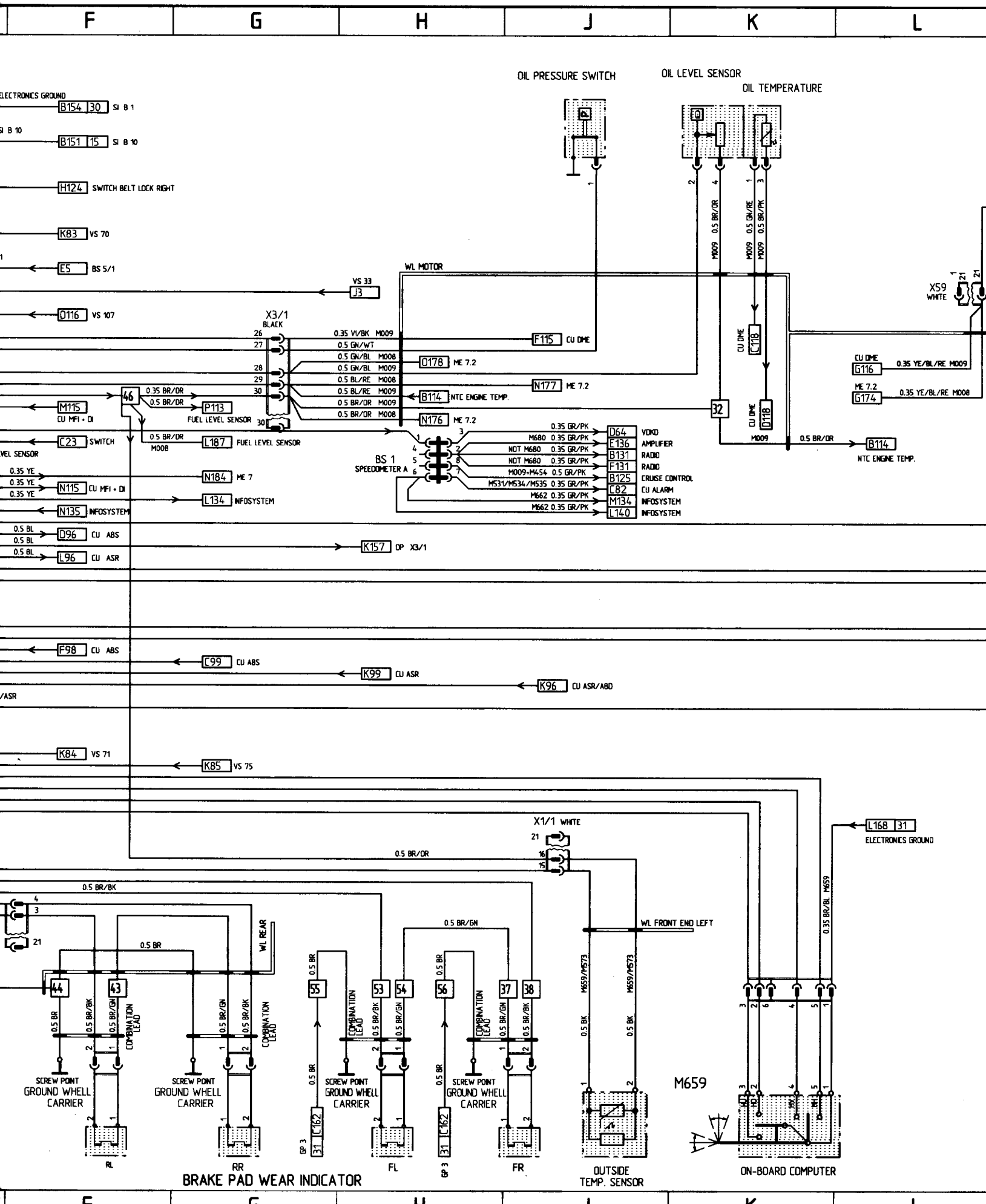
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INSTRUMENT CLUSTER AND SENSOR



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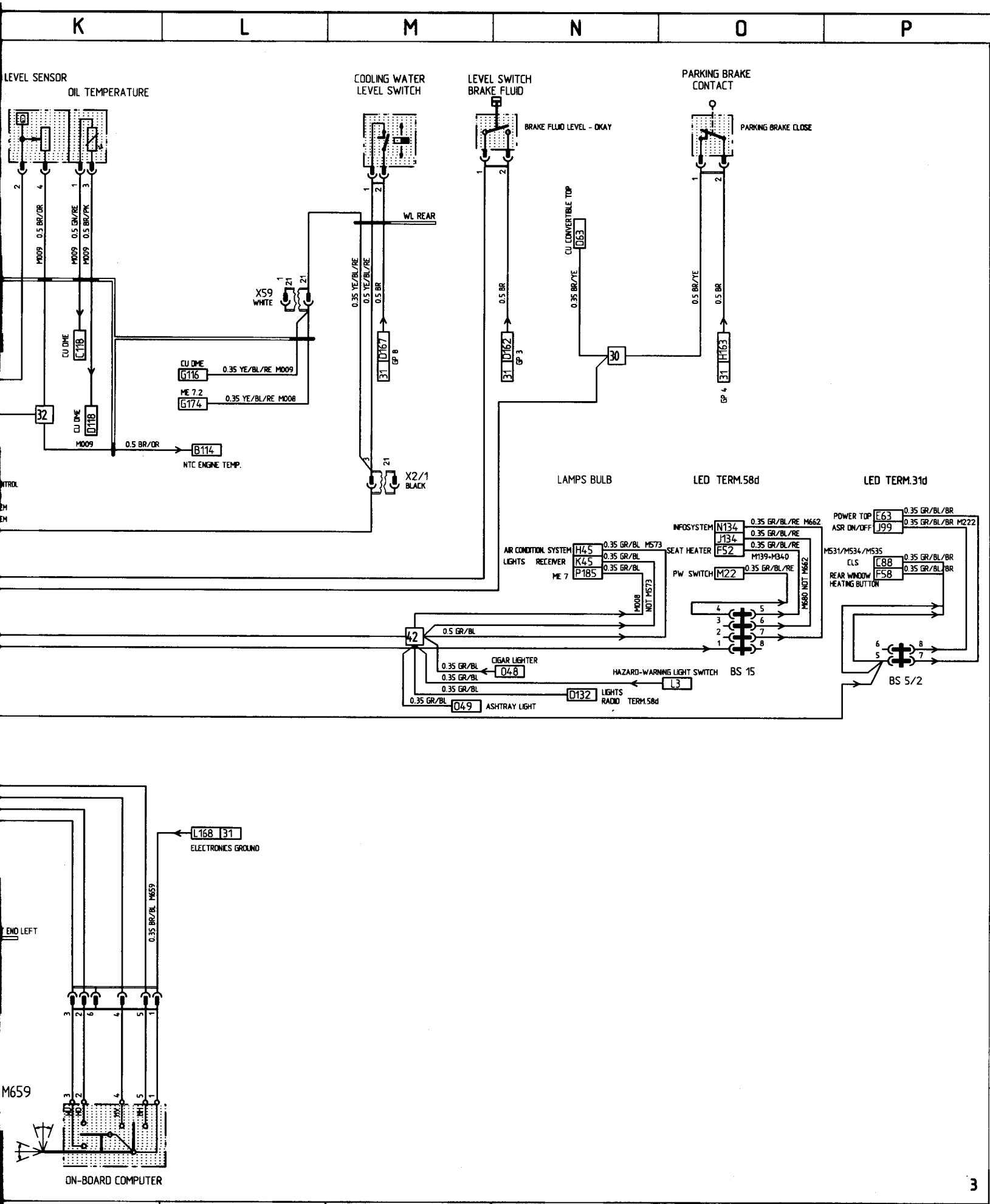
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BL = BLUE BR = BROWN YE = YELLOW GN = GREEN GR = GREY PK = PINK RE = RED BK = BLACK VI = VIOLET WT

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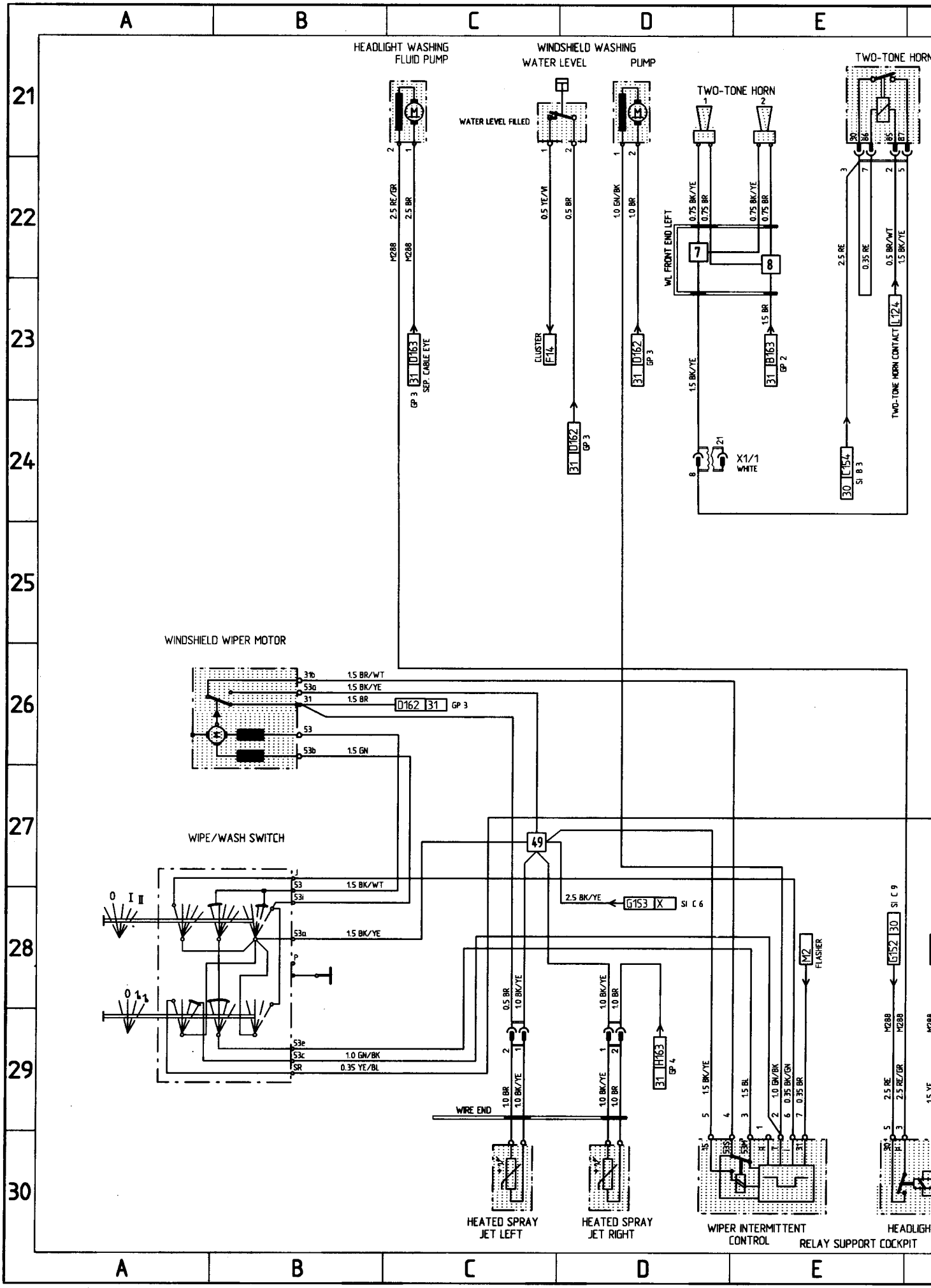


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Boxster MODEL 98 SHEET 4

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WIPE- AND WASH CLEANERS, TWO-TONE HORNS, POWER WINDOW



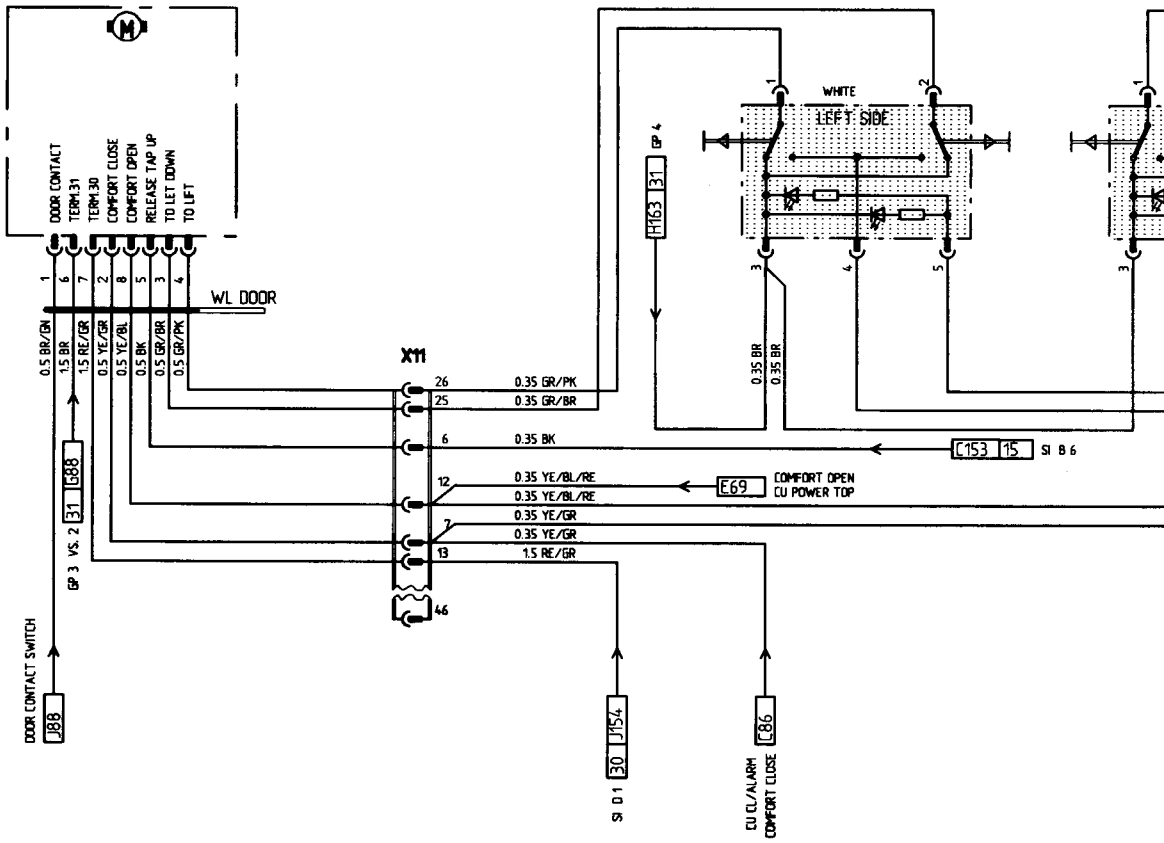
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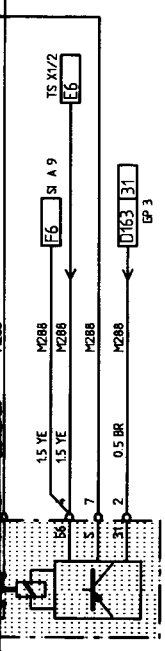
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E HORNS

POWER WINDOWS

MOTOR POWER WINDOW
LEFT SIDE





DLIGHT CLEANERS
PIT

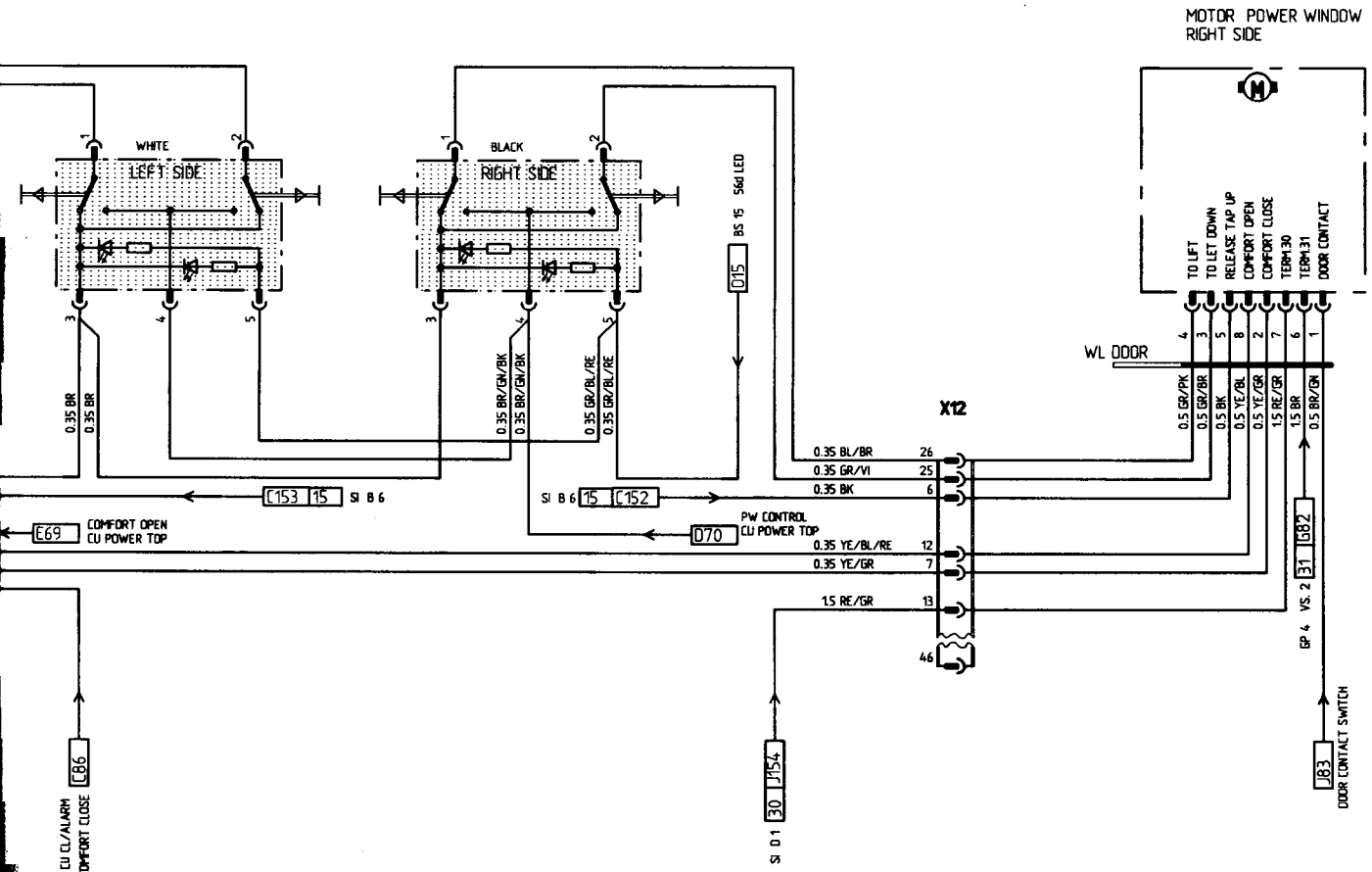
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K L M N O P

POWER WINDOWS



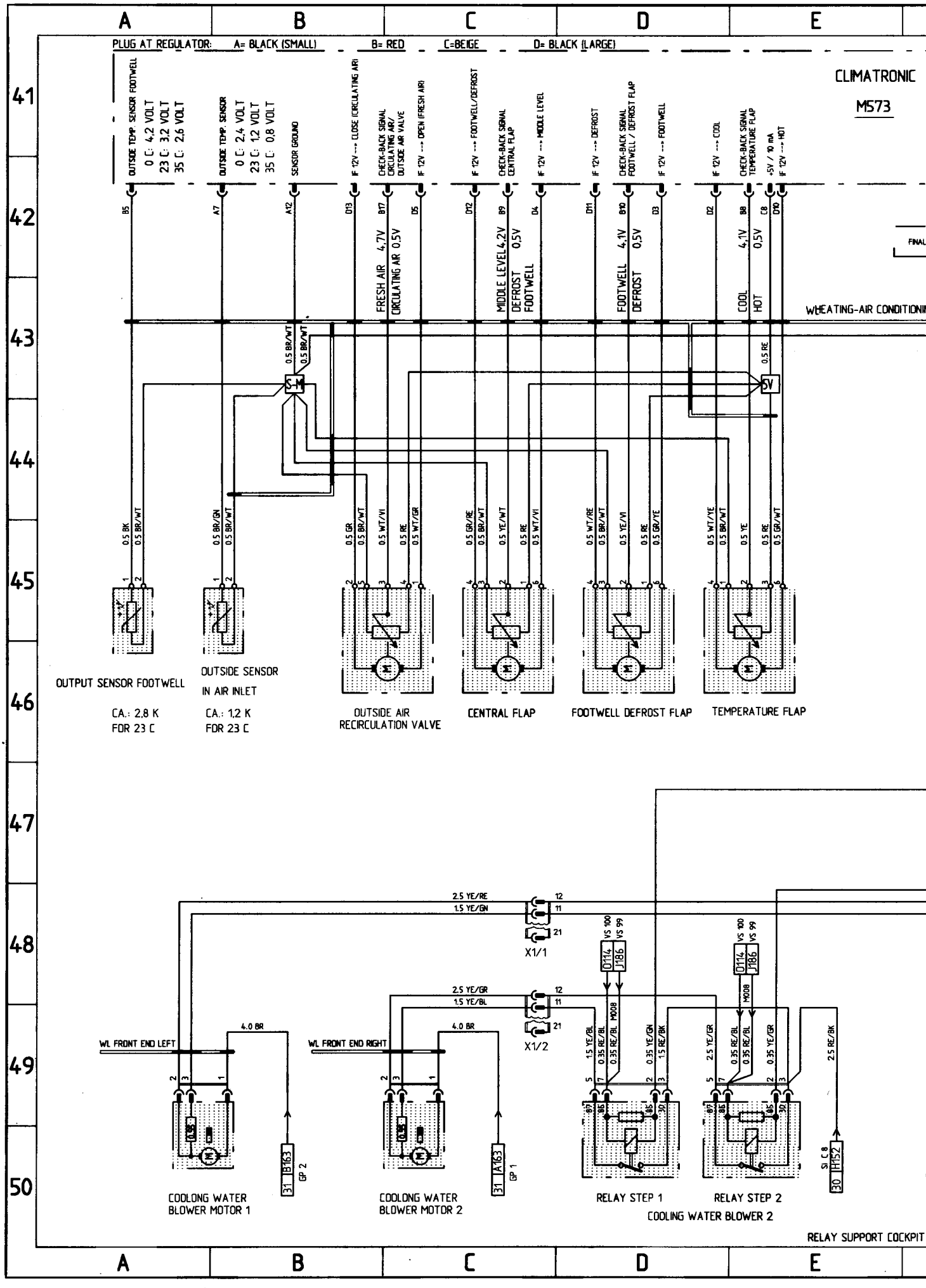
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K L M N O P

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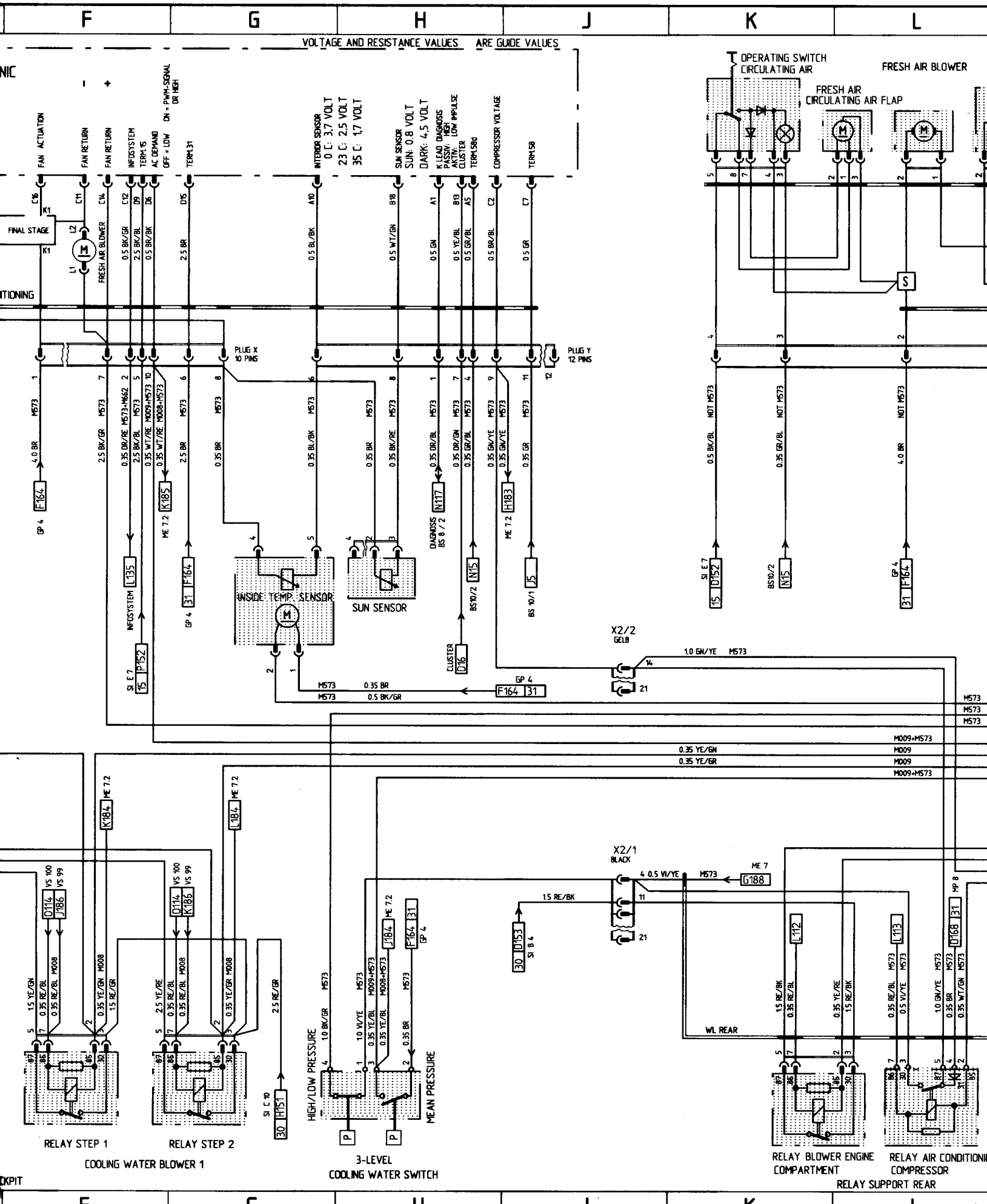
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ENGINE COOLING, HEATING, AIR CONDITIONING SYSTEM



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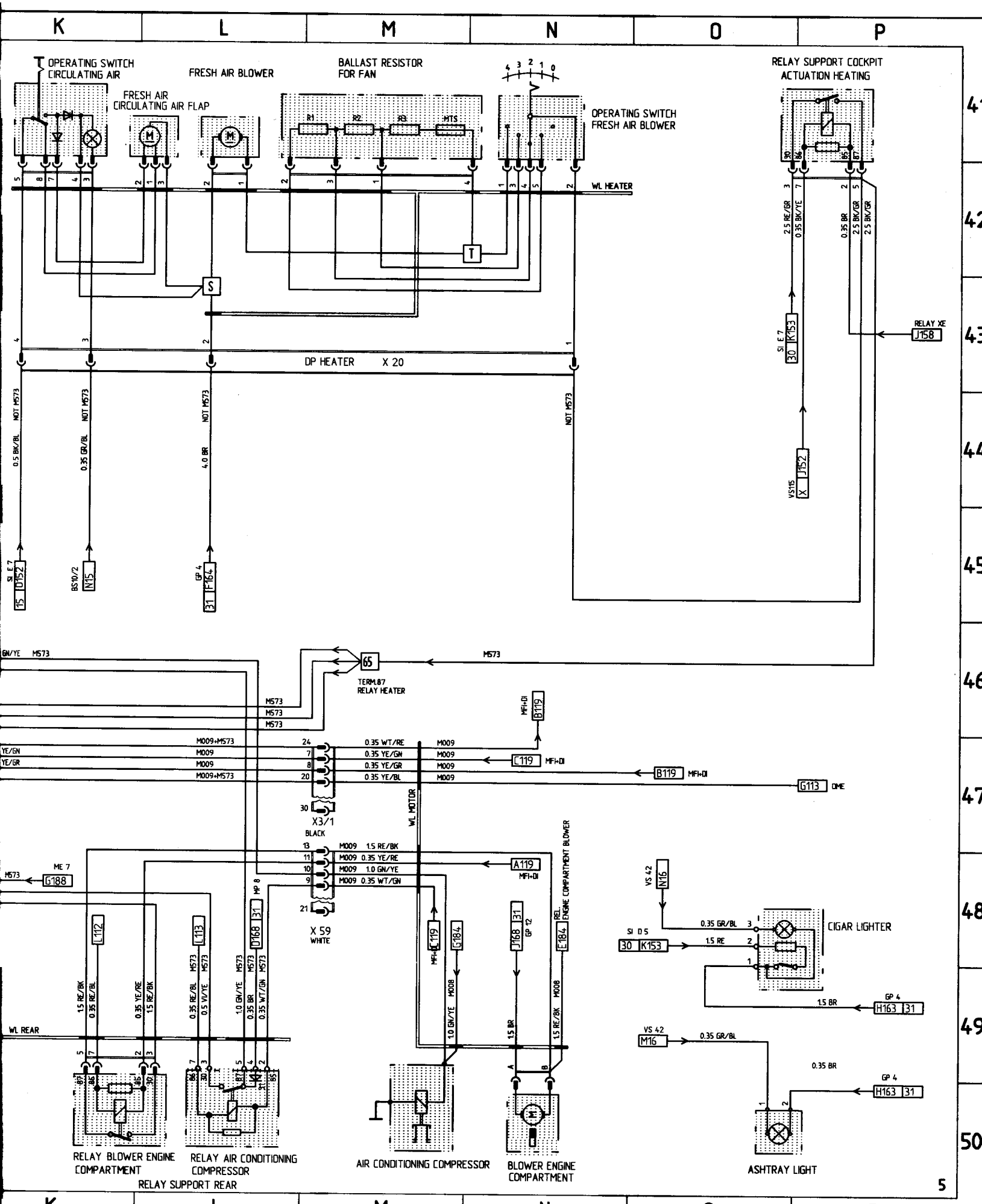
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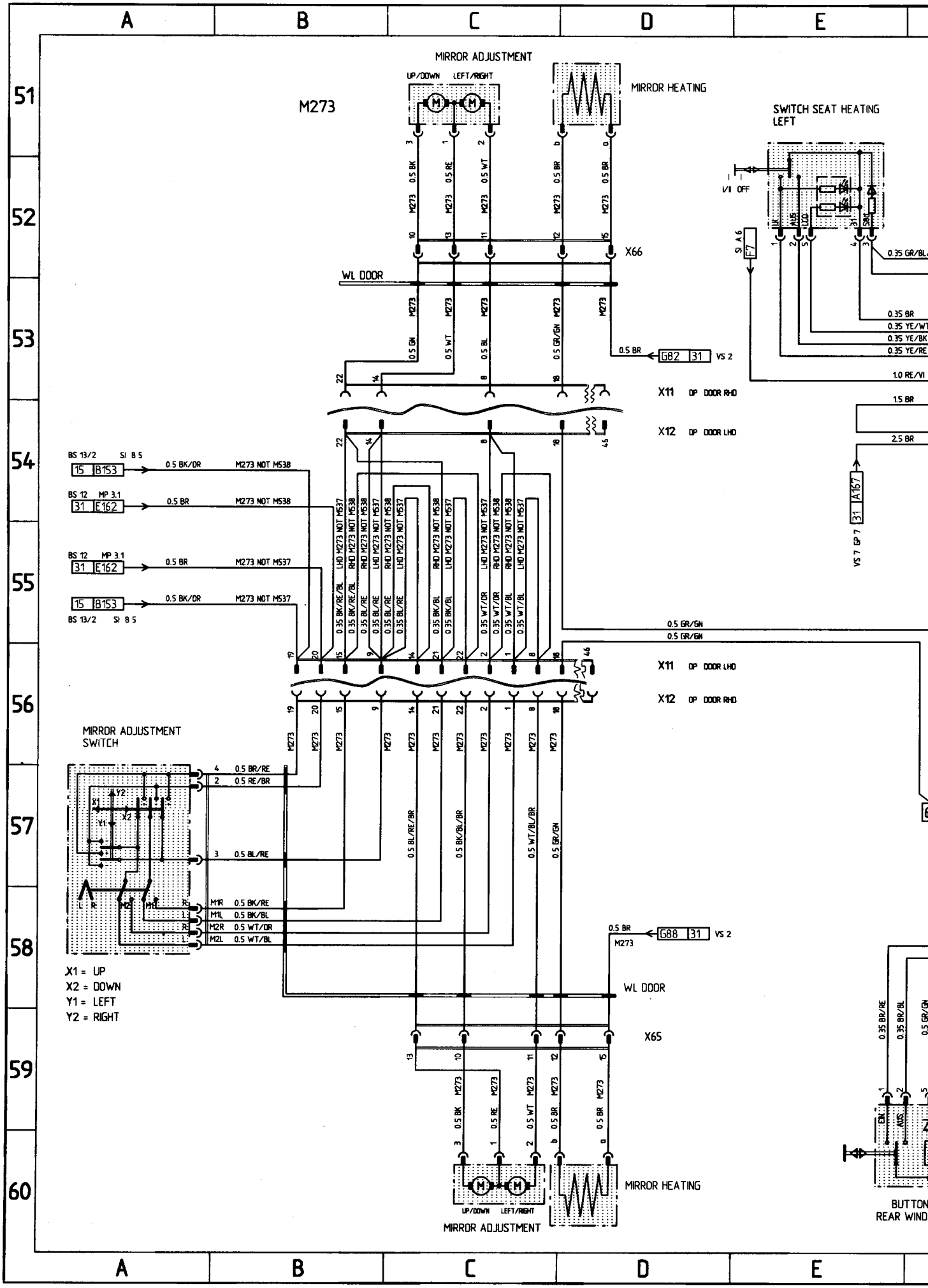
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BK = BLACK VI = VIOLET WT = WHITE

Boxster MODEL 98 SHEET 6

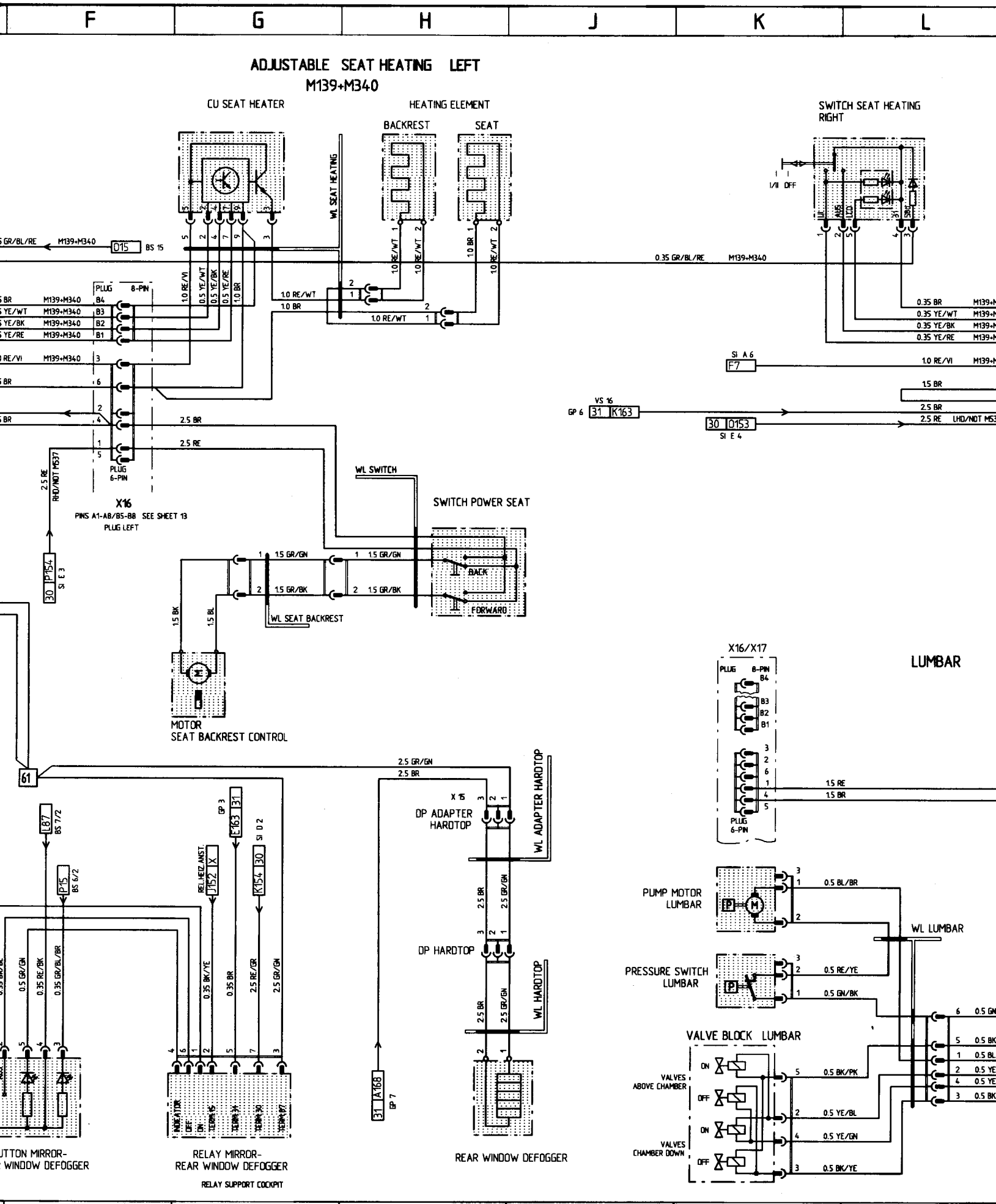
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MIRROR ADJUSTMENT SEAT HEATING , REAR WINDOW DEFOGGER



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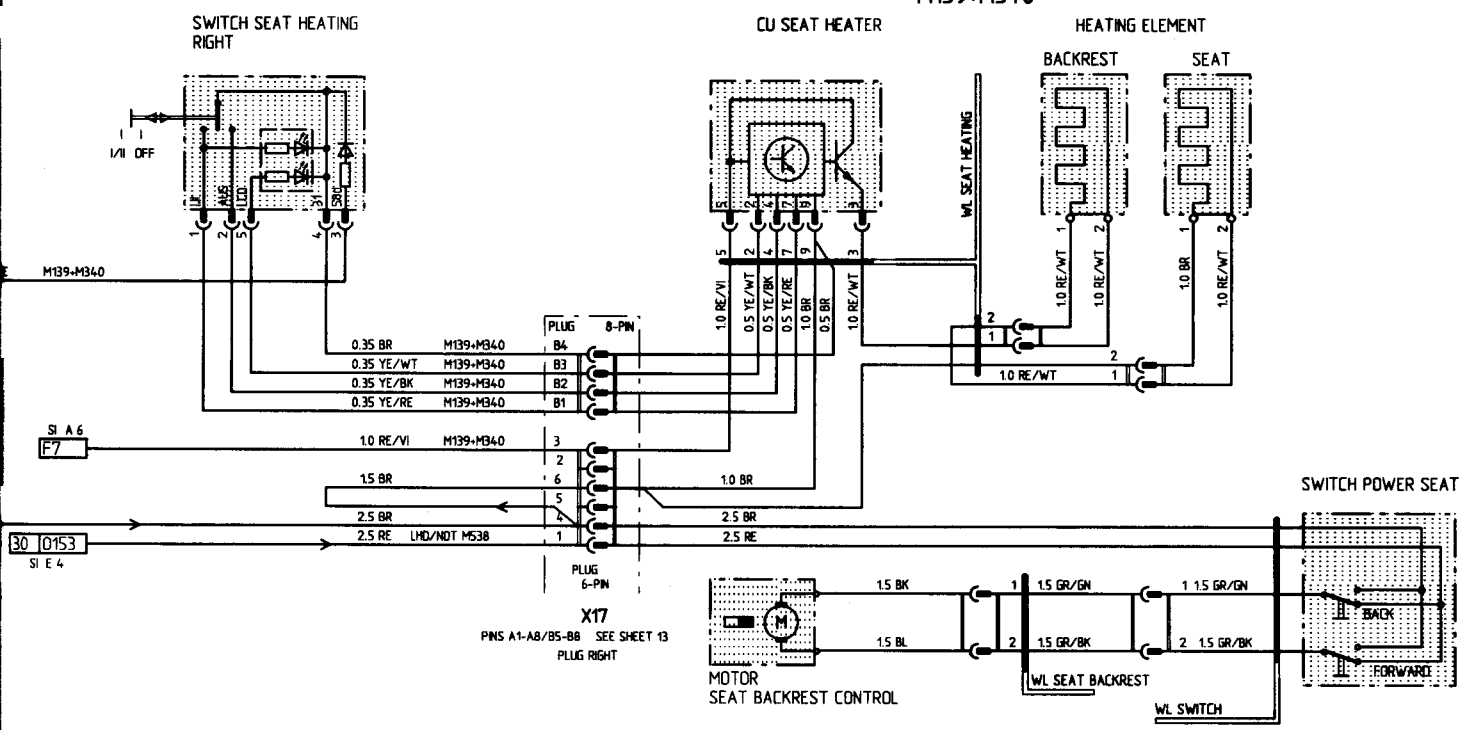
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K L M N O P

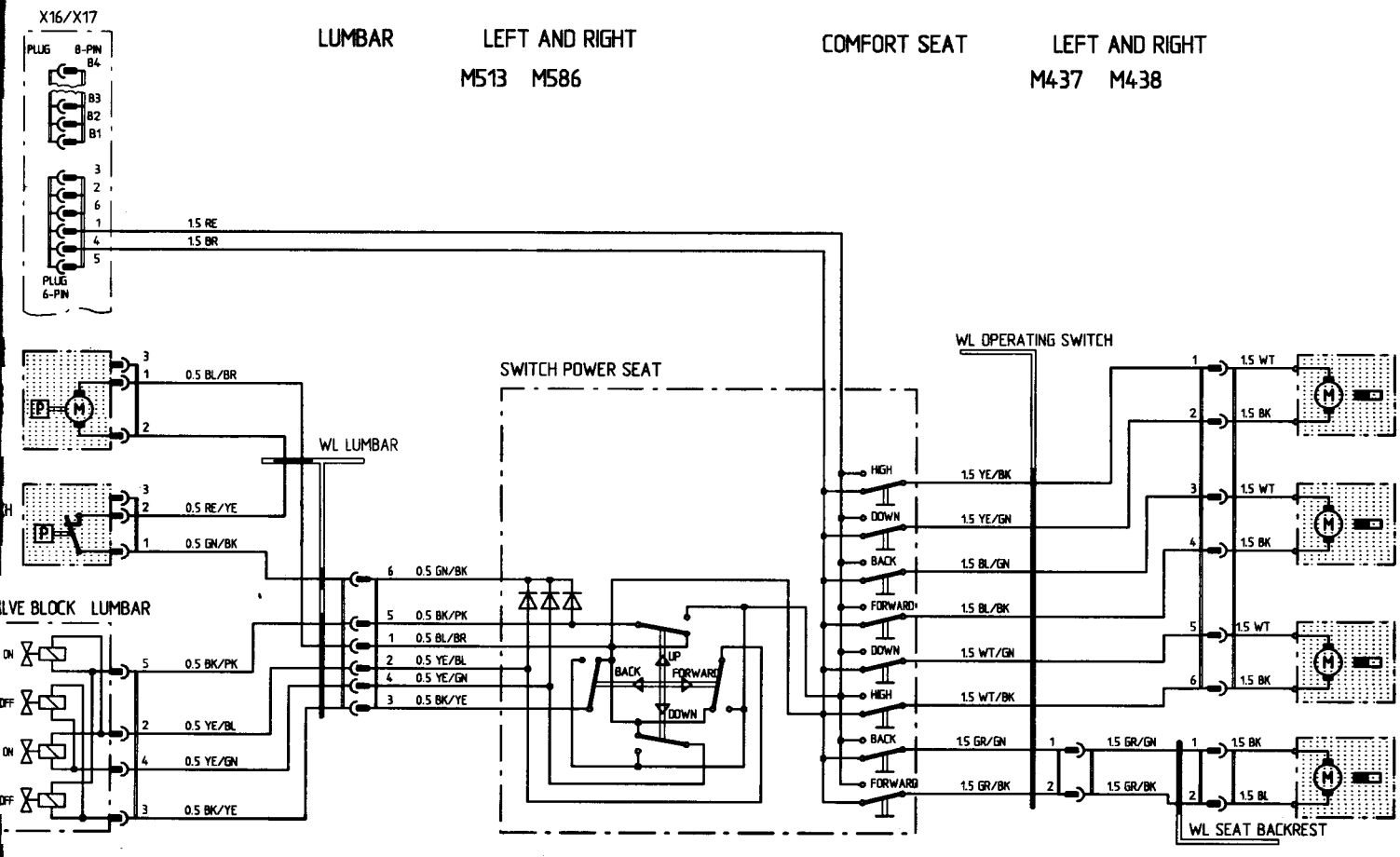
SEAT HEATING ADJUSTABLE RIGHT
M139+M340



X16/X17

LUMBAR LEFT AND RIGHT
M513 M586

COMFORT SEAT LEFT AND RIGHT
M437 M438



6

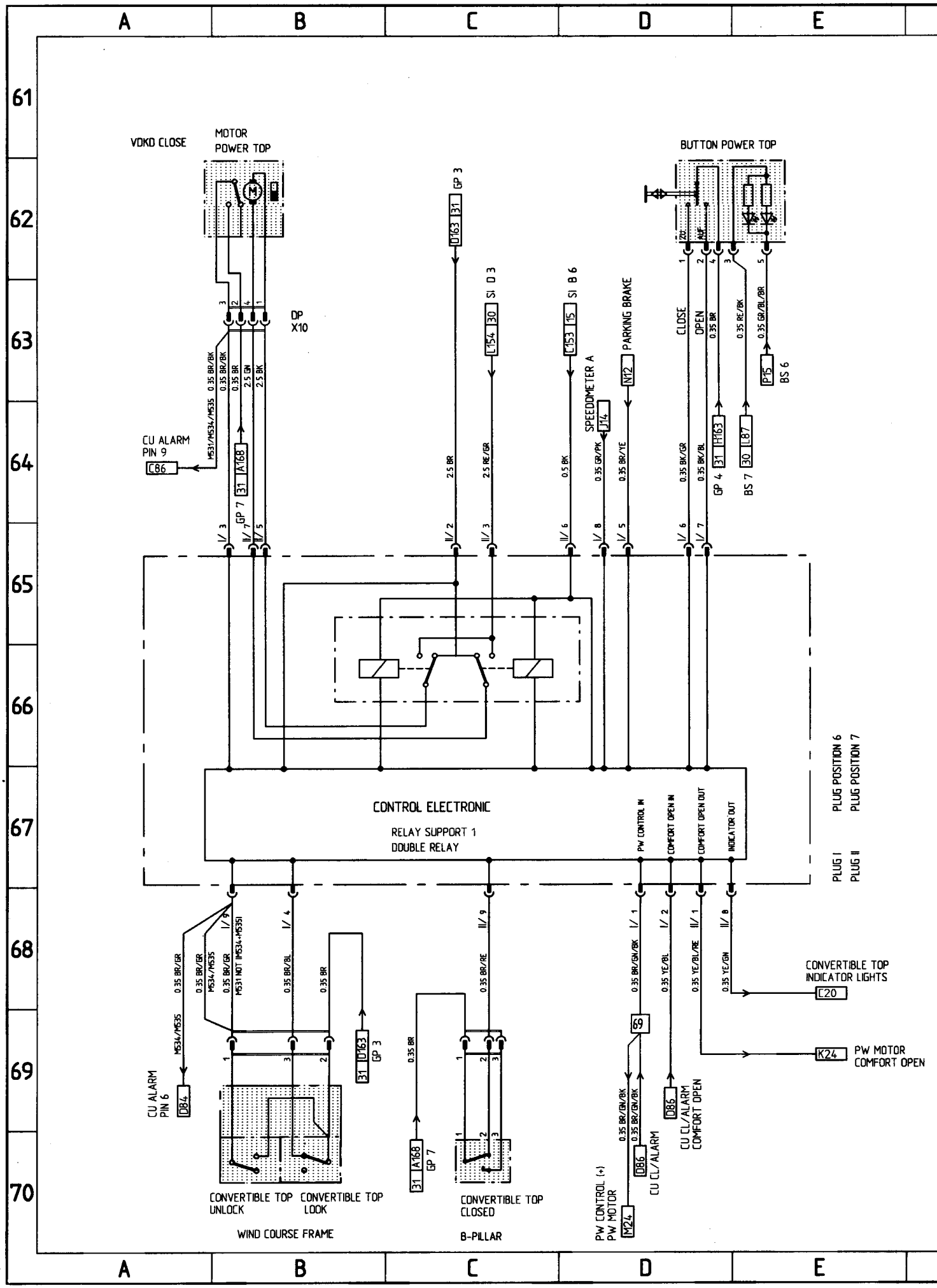
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BK = BLACK VI = VIOLET WT = WHITE

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CONVERTIBLE TOP DRIVE



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F	G	H	J	K	L

R
OPEN

F	G	H	J	K	L

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K	L	M	N	O	P

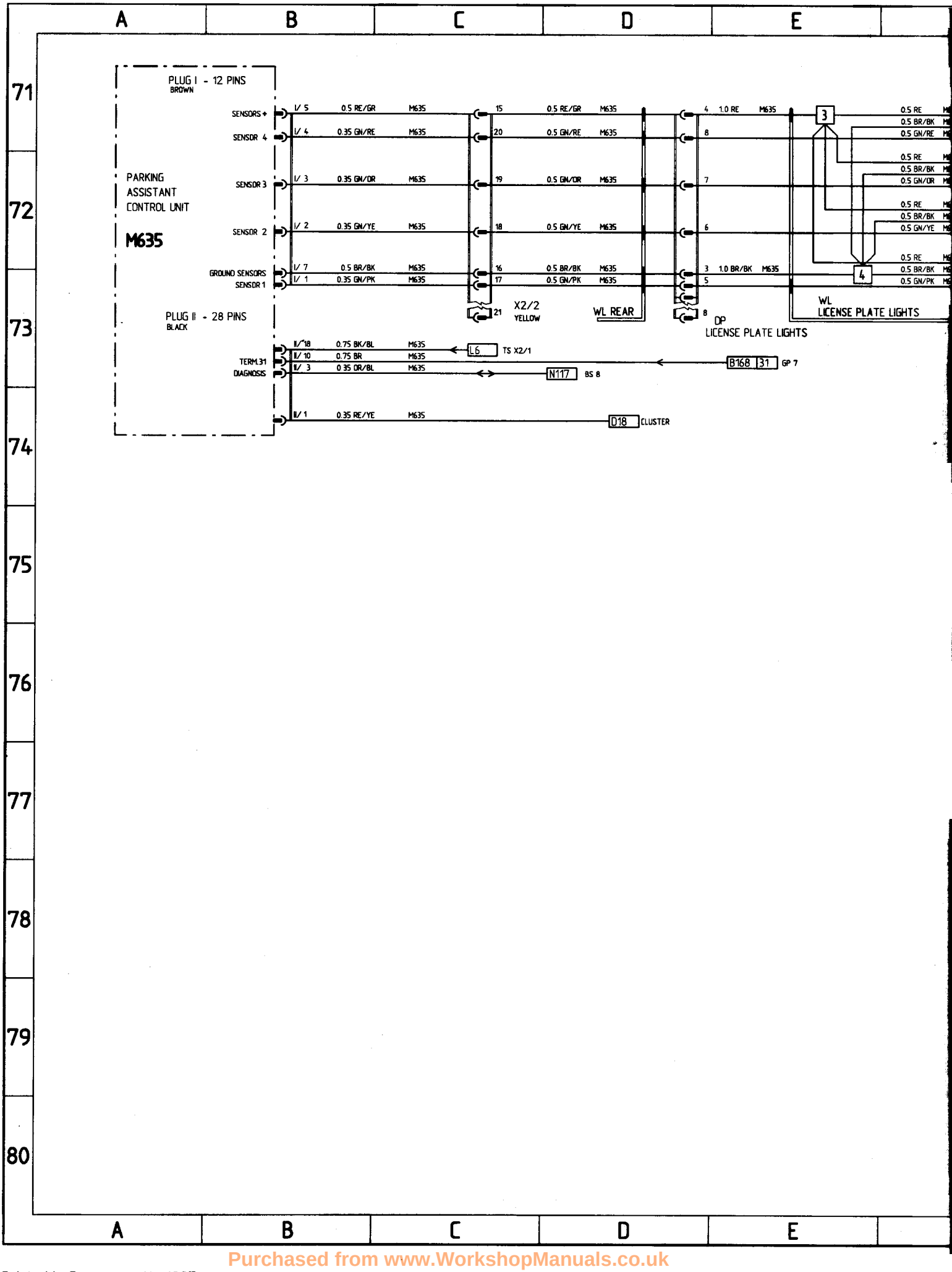
K L M N O P

RED BK = BLACK VI = VIOLET WT = WHITE

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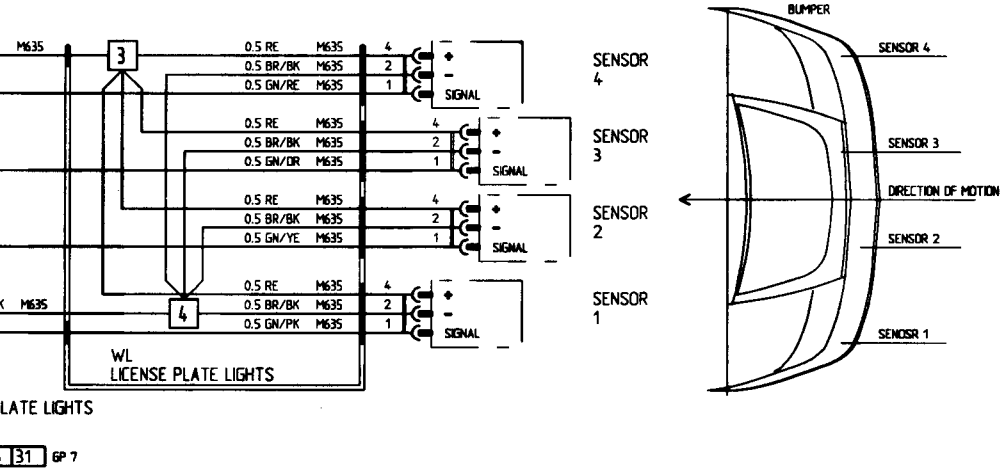
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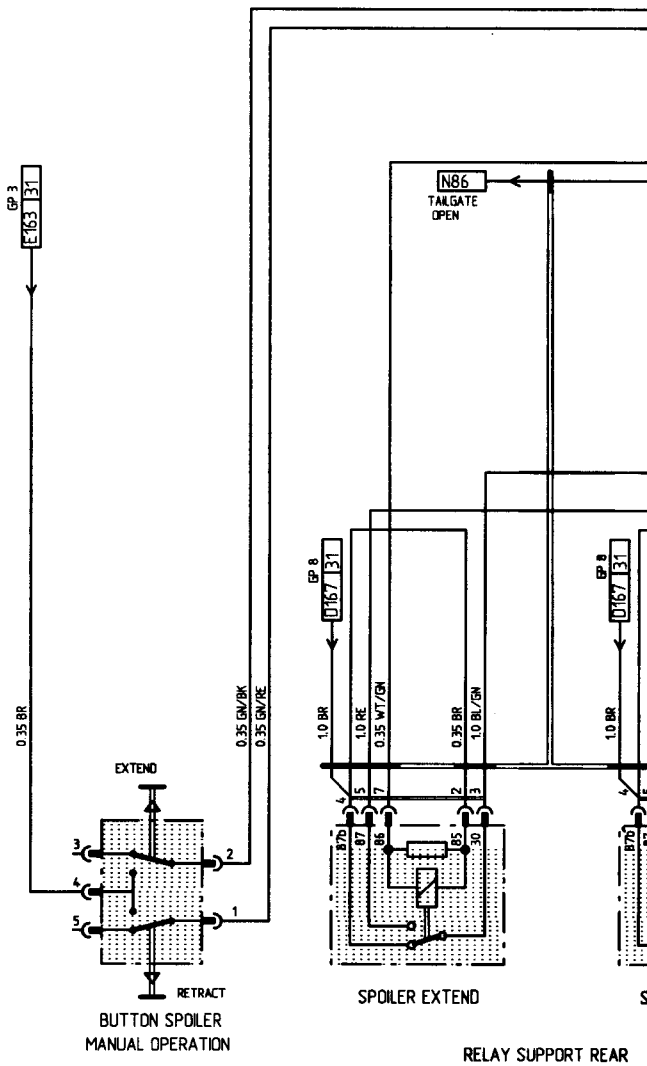
SPOILER EXTEND, PARKING ASSISTANT



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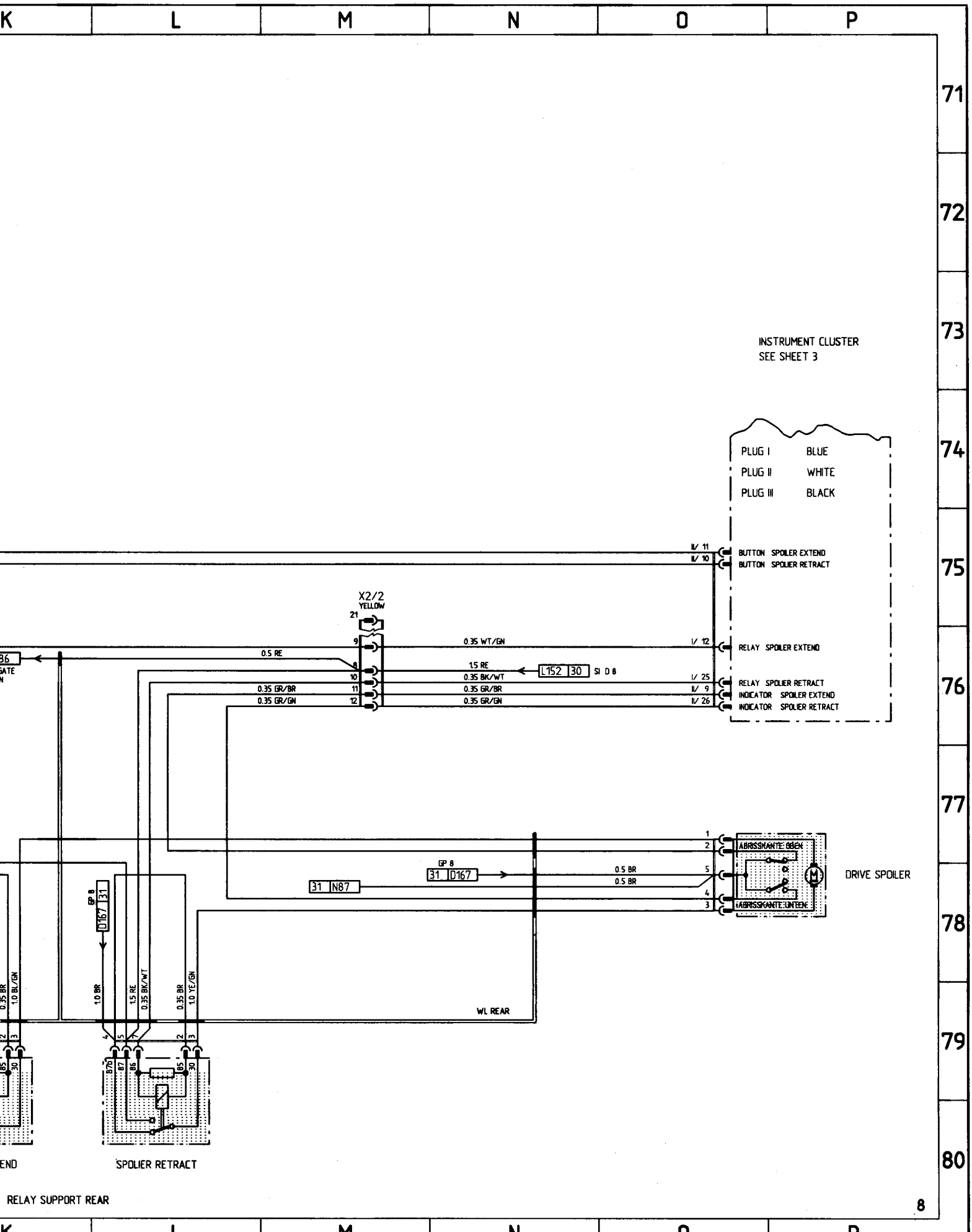




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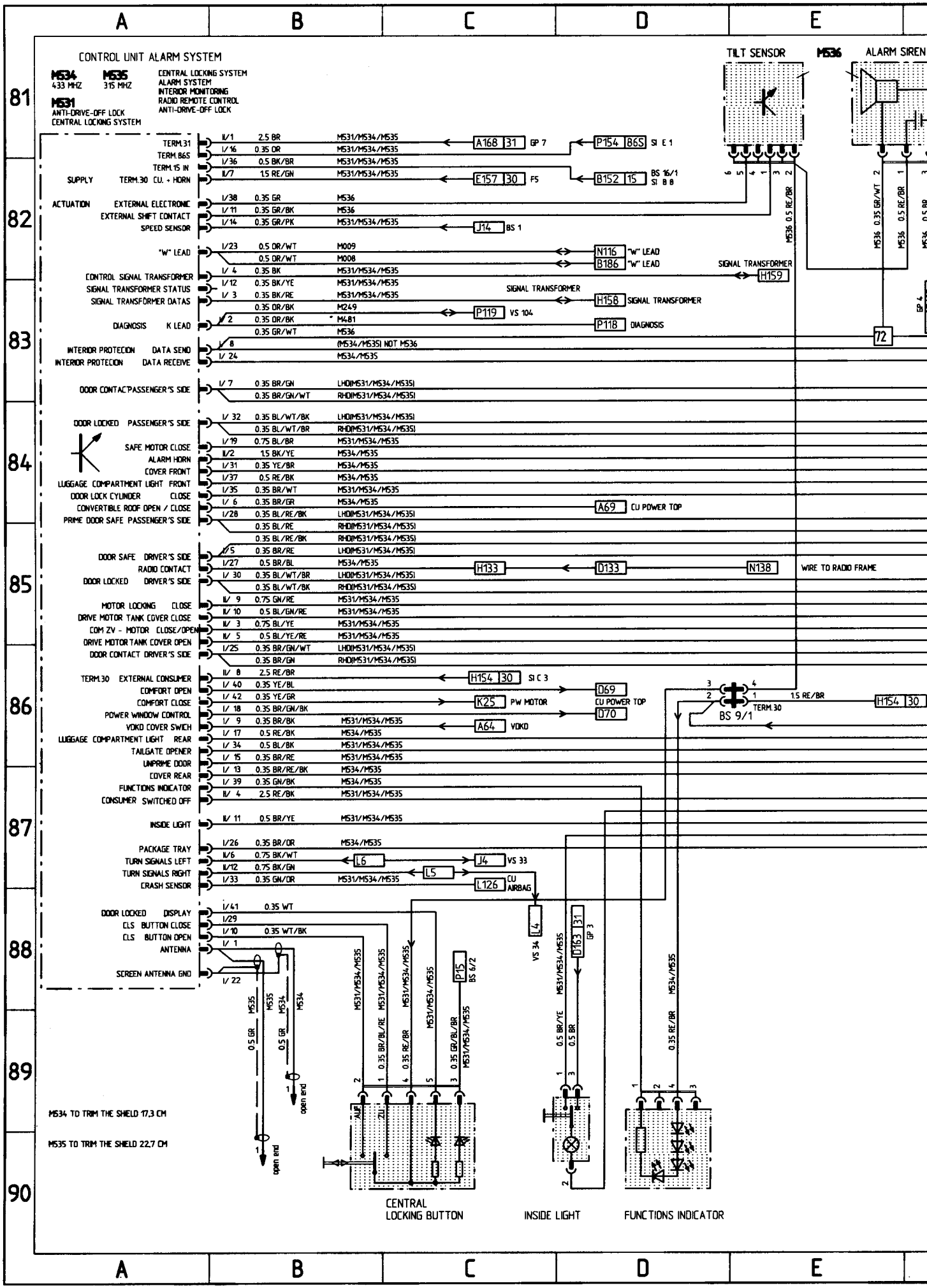
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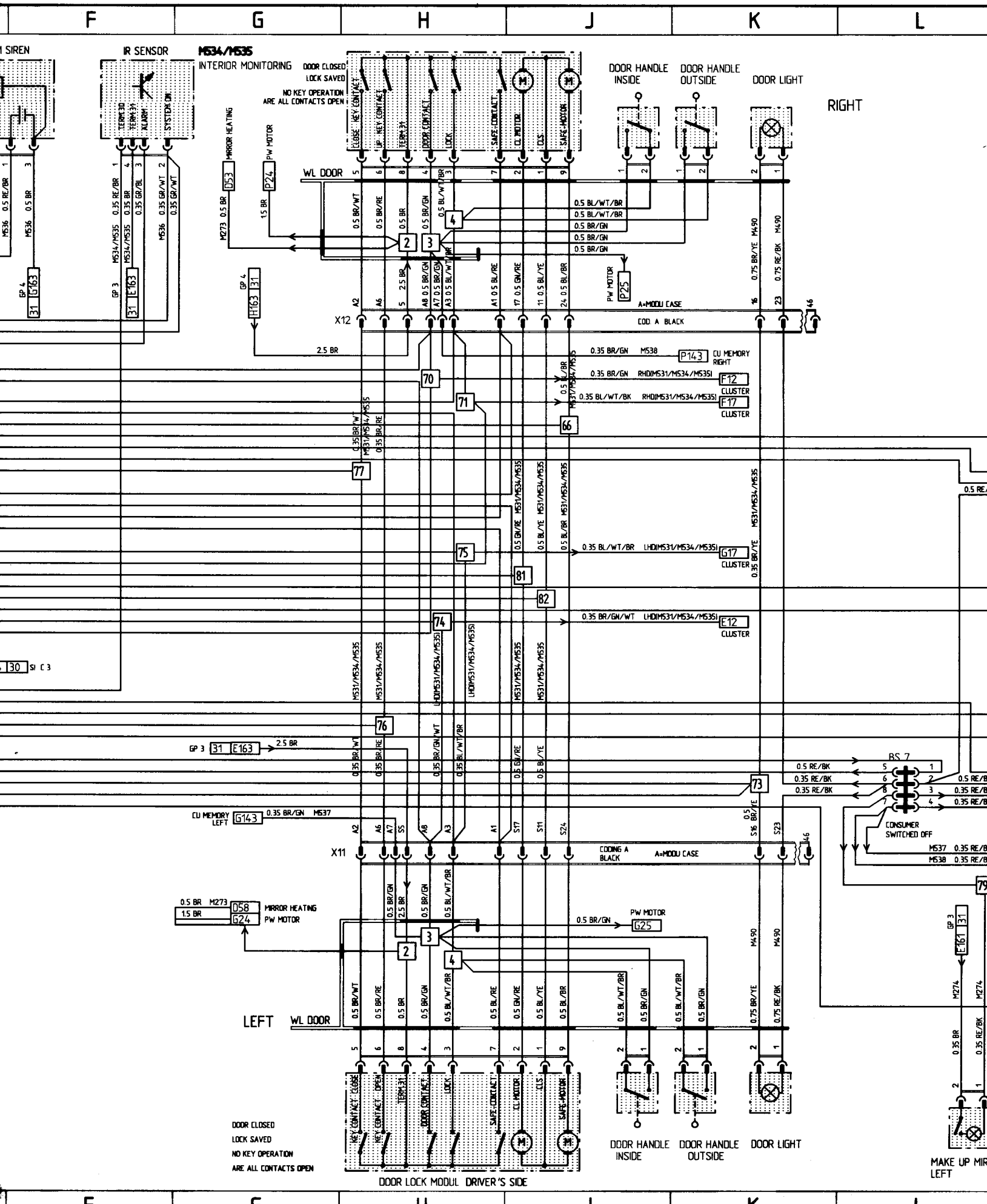
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CENTRAL LOCKS, ALARM SYSTEM, INTERIOR MONITORING



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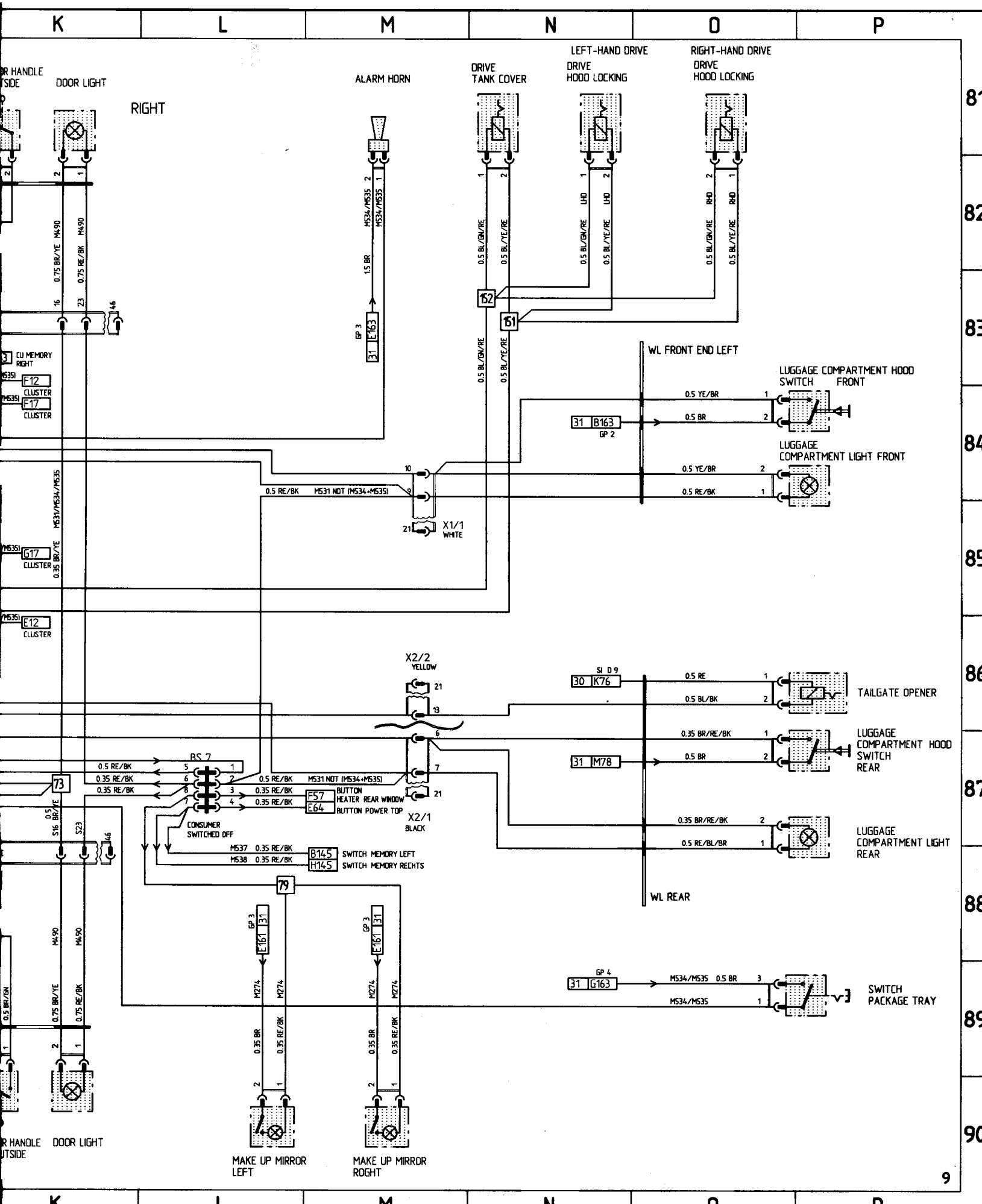
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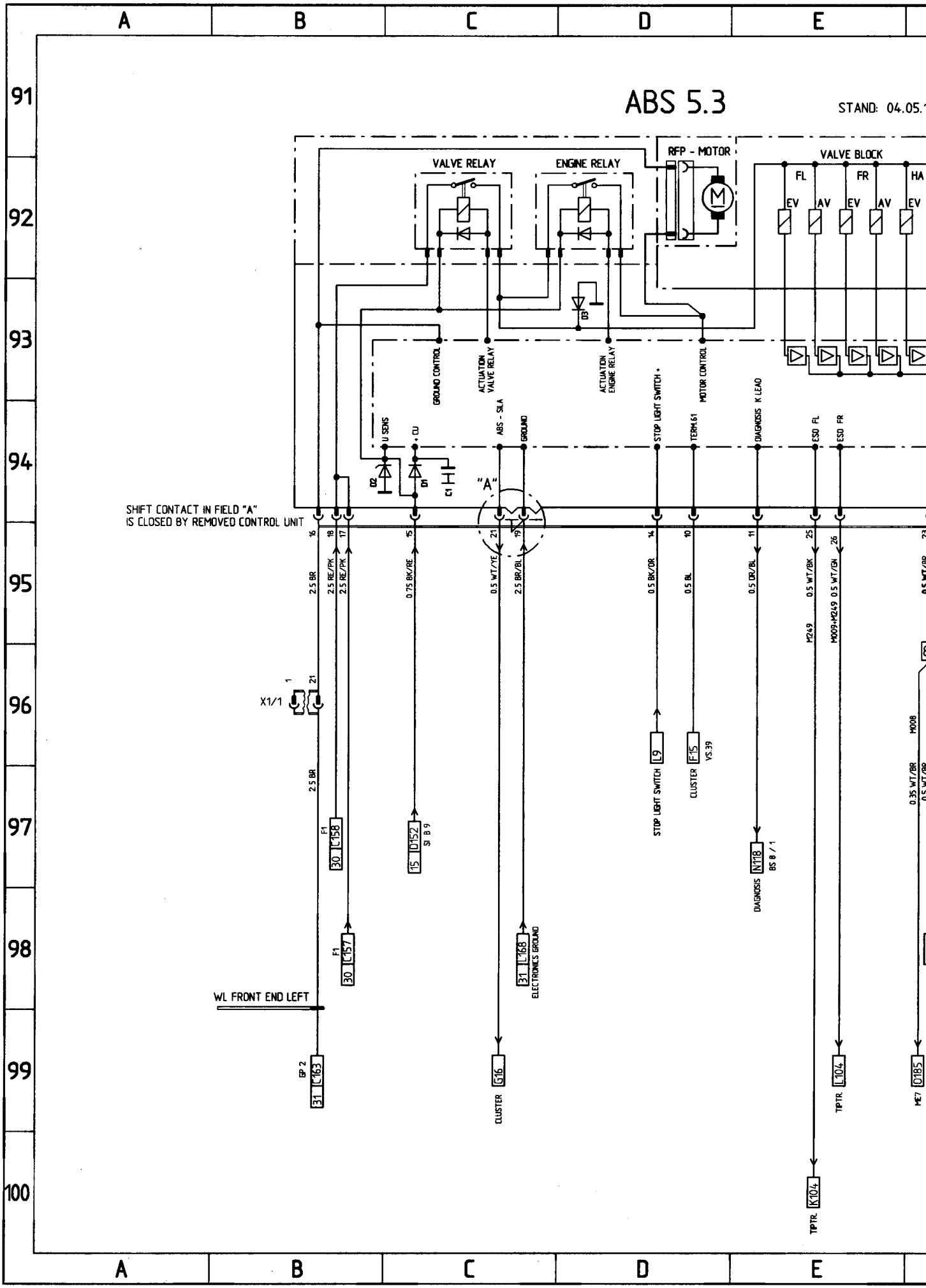
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ABS

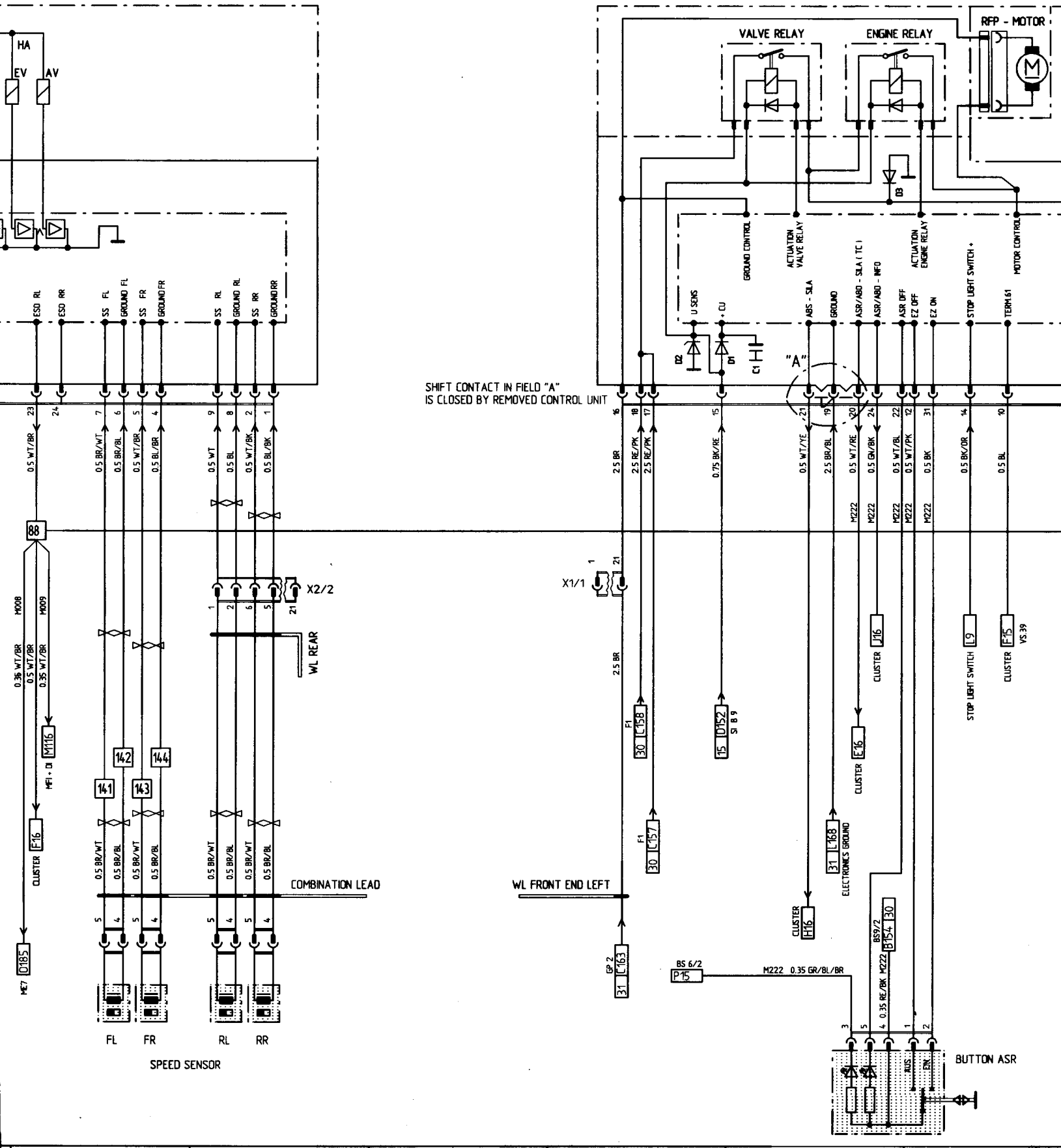


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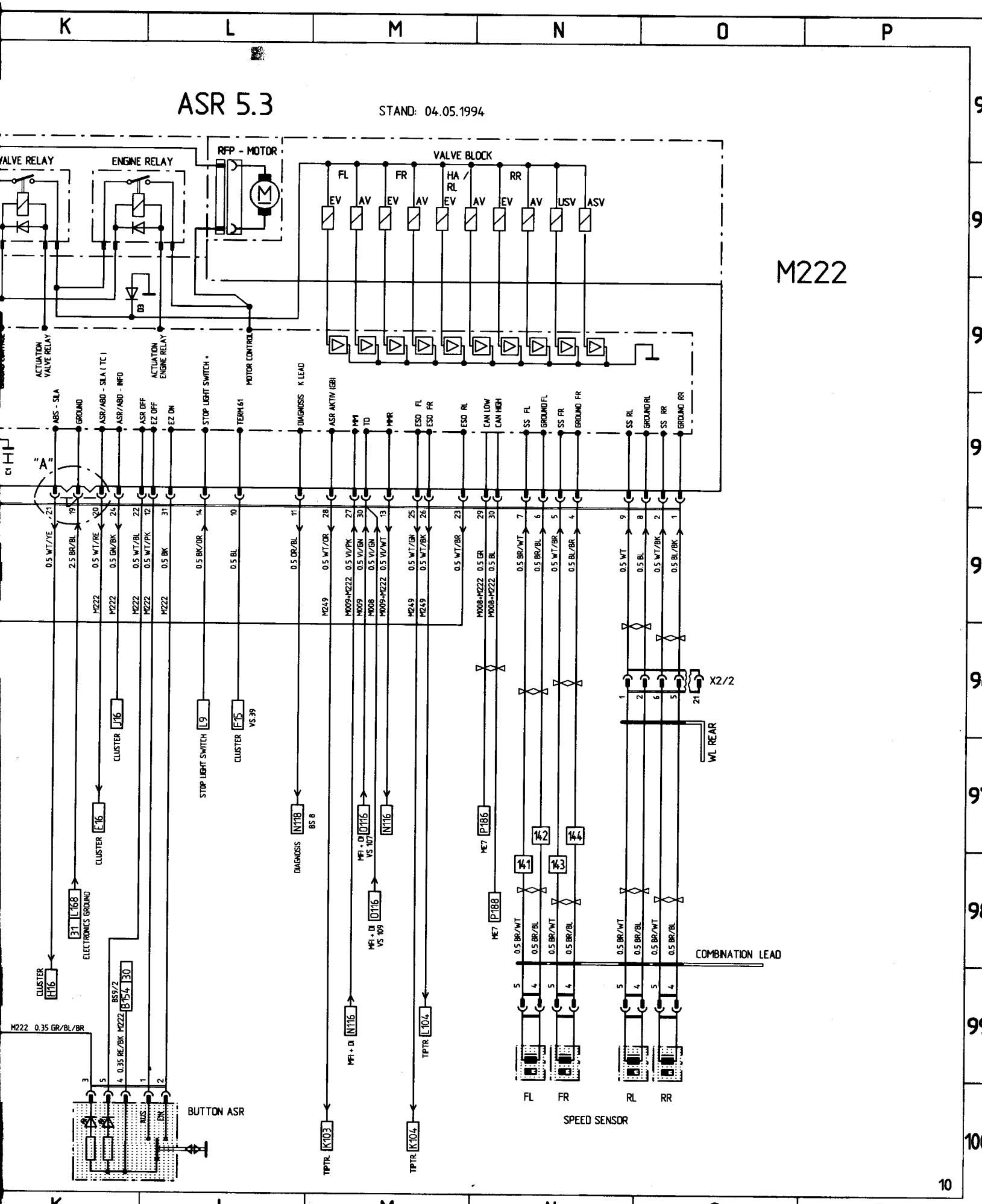
ASR 5.3



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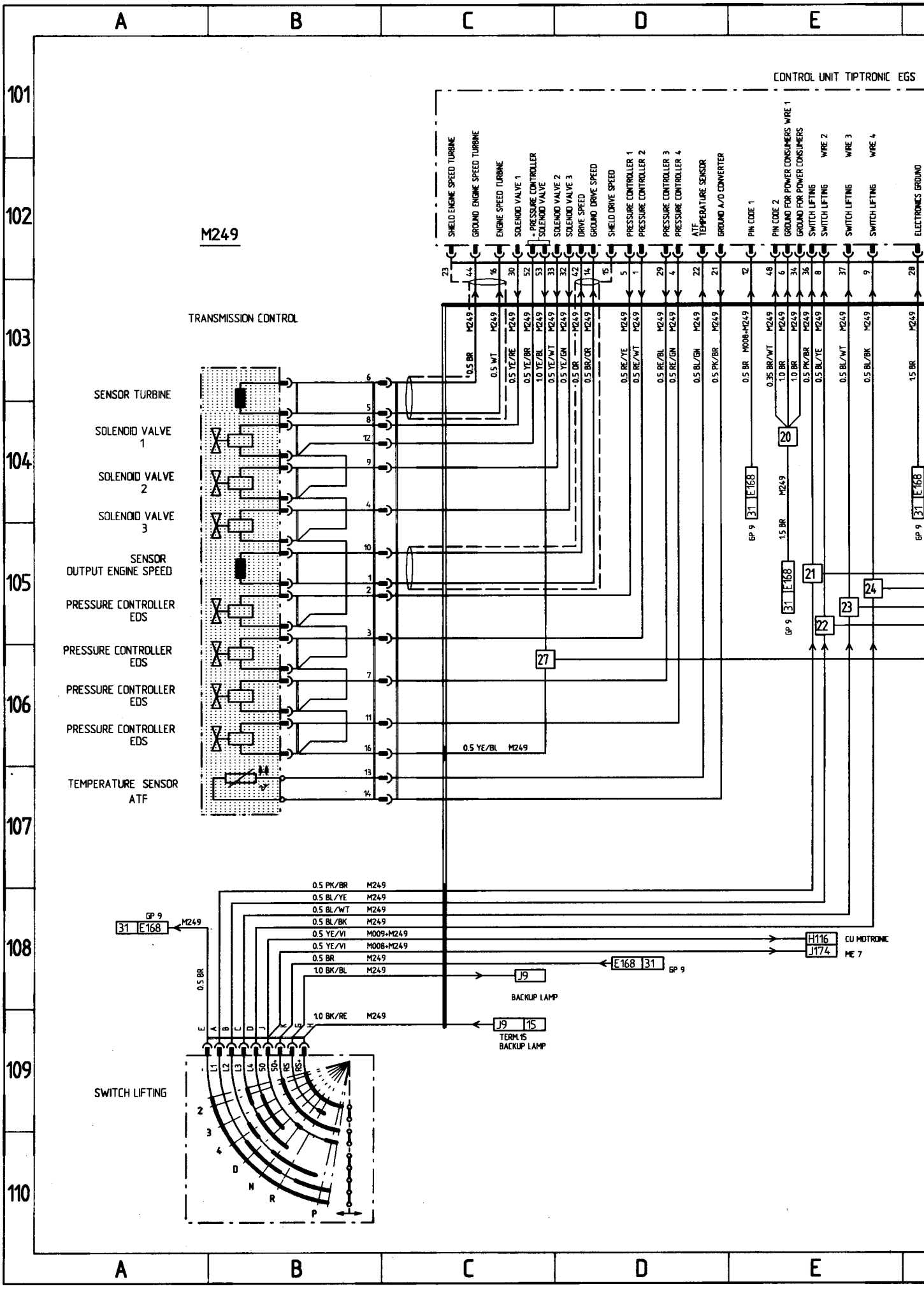


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RED BK = BLACK VI = VIOLET WT = WHITE TWISTED WIRES

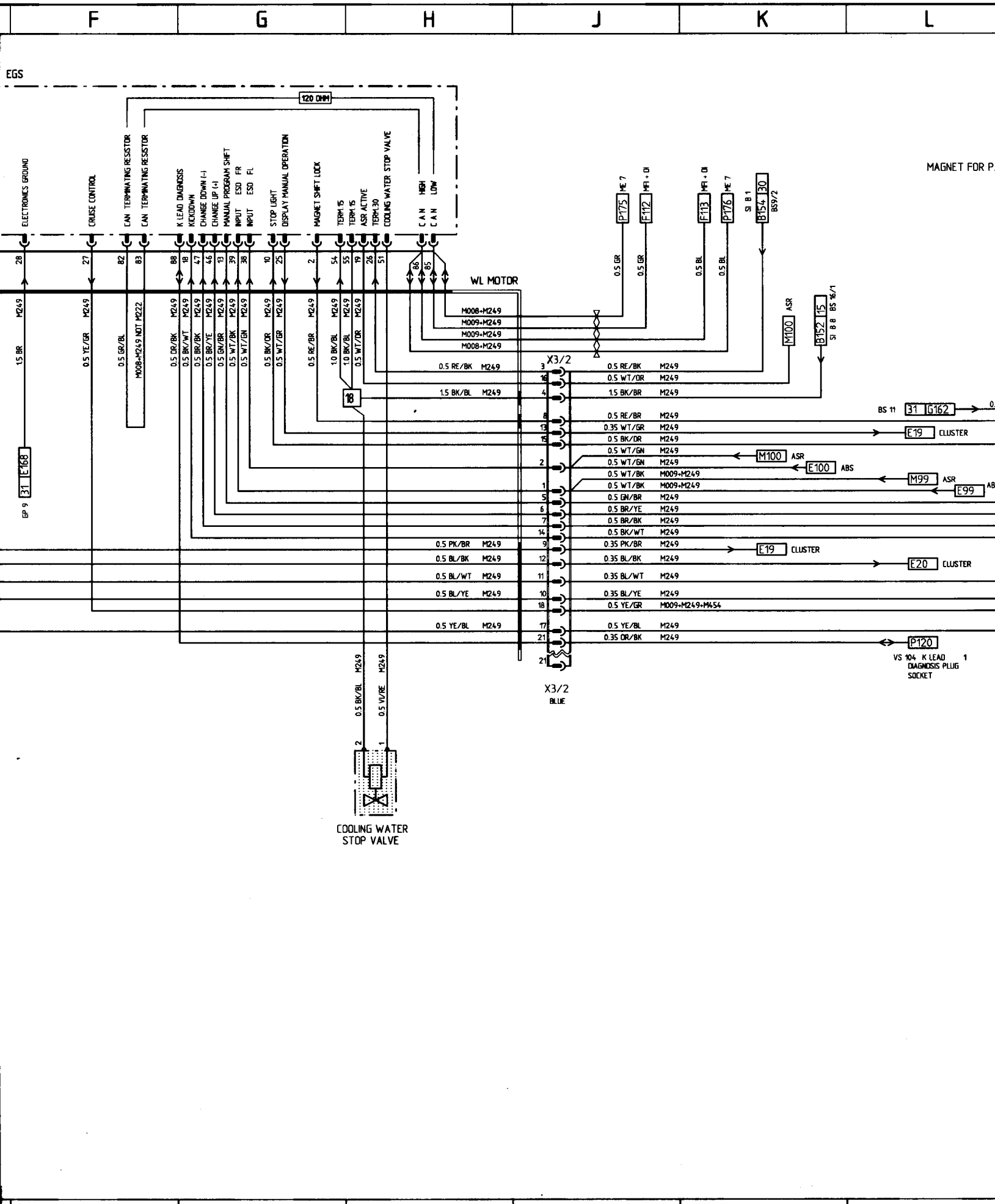
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TIPTRONIC



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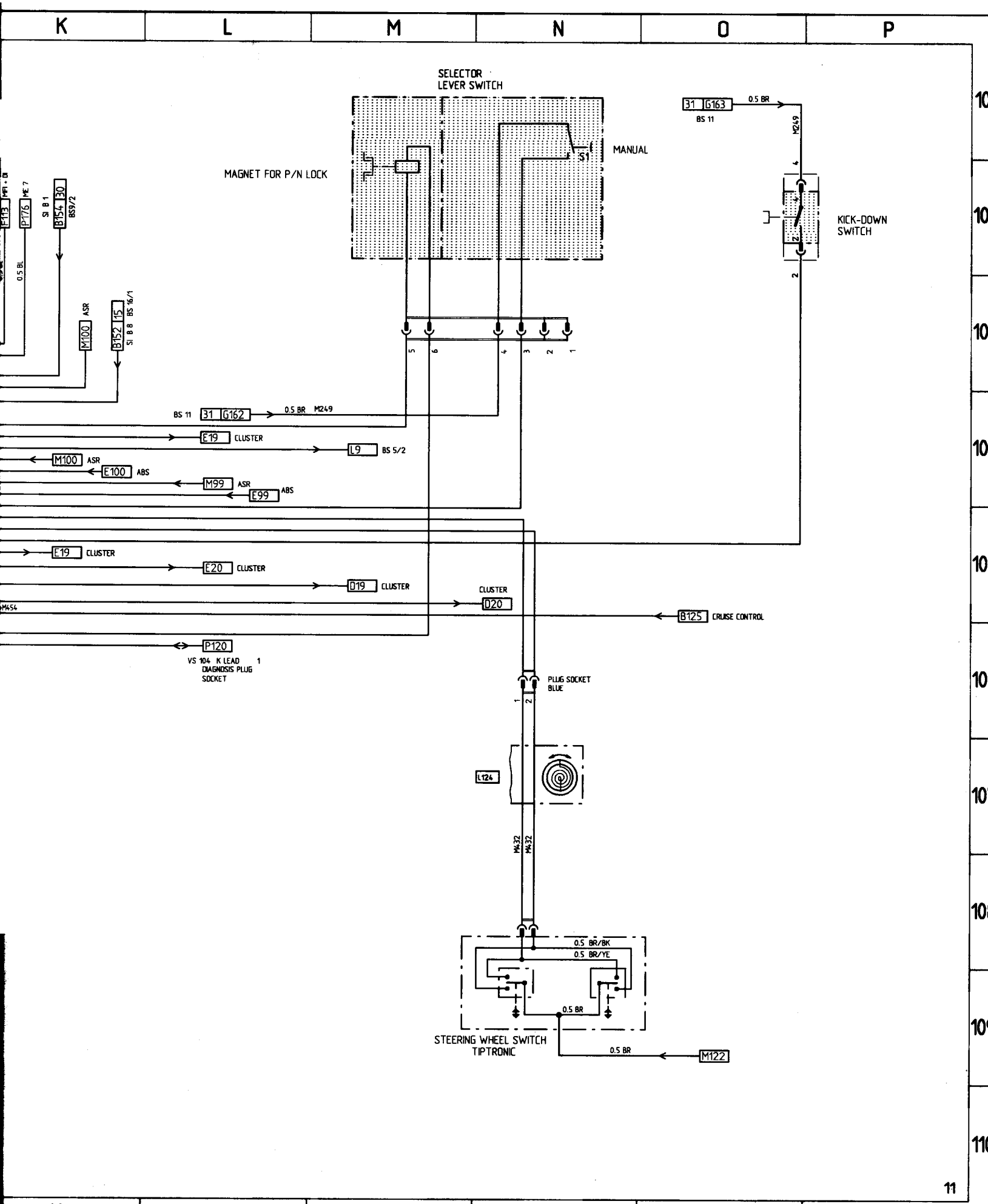
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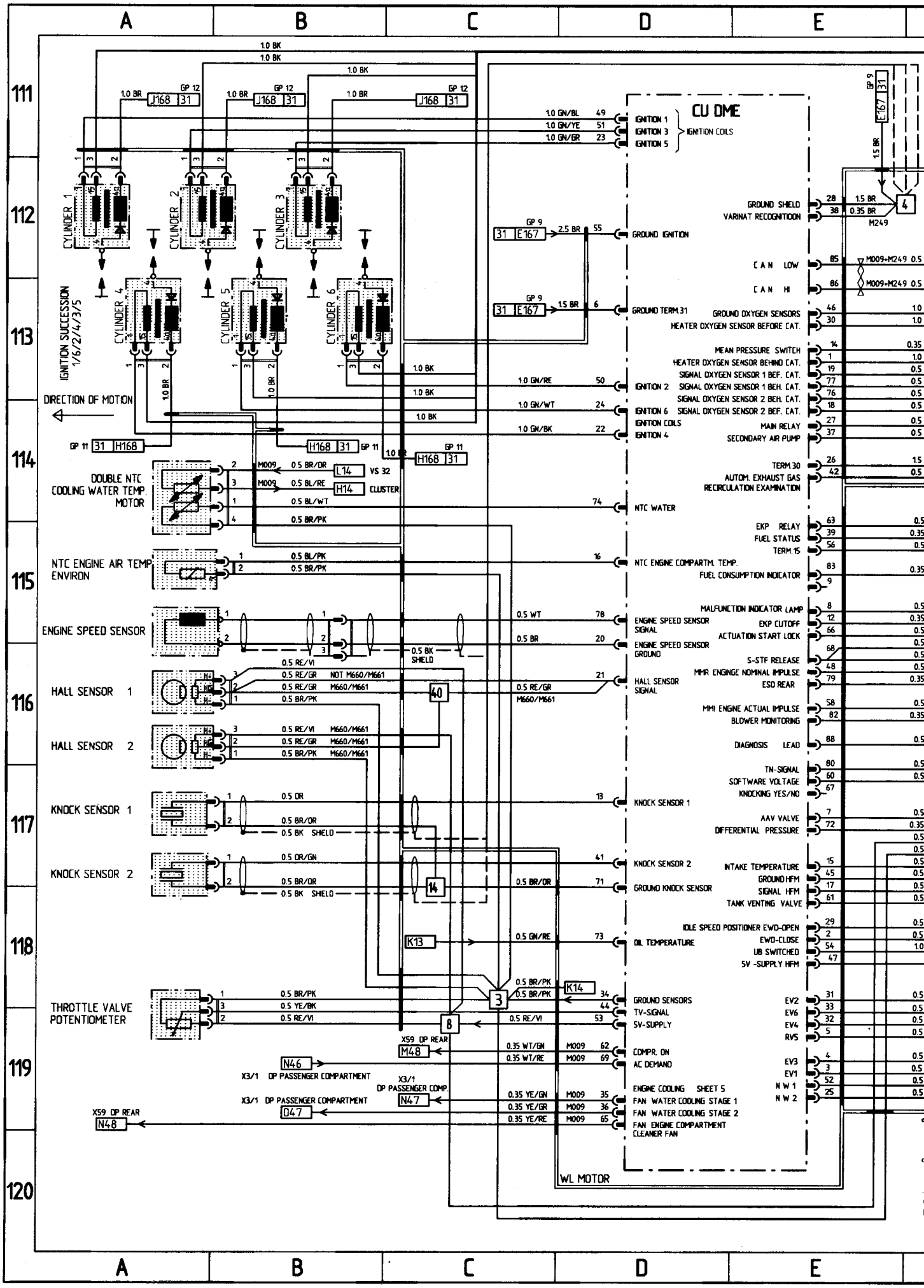


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RED BK = BLACK VI = VIOLET WT = WHITE TWISTED WIRES

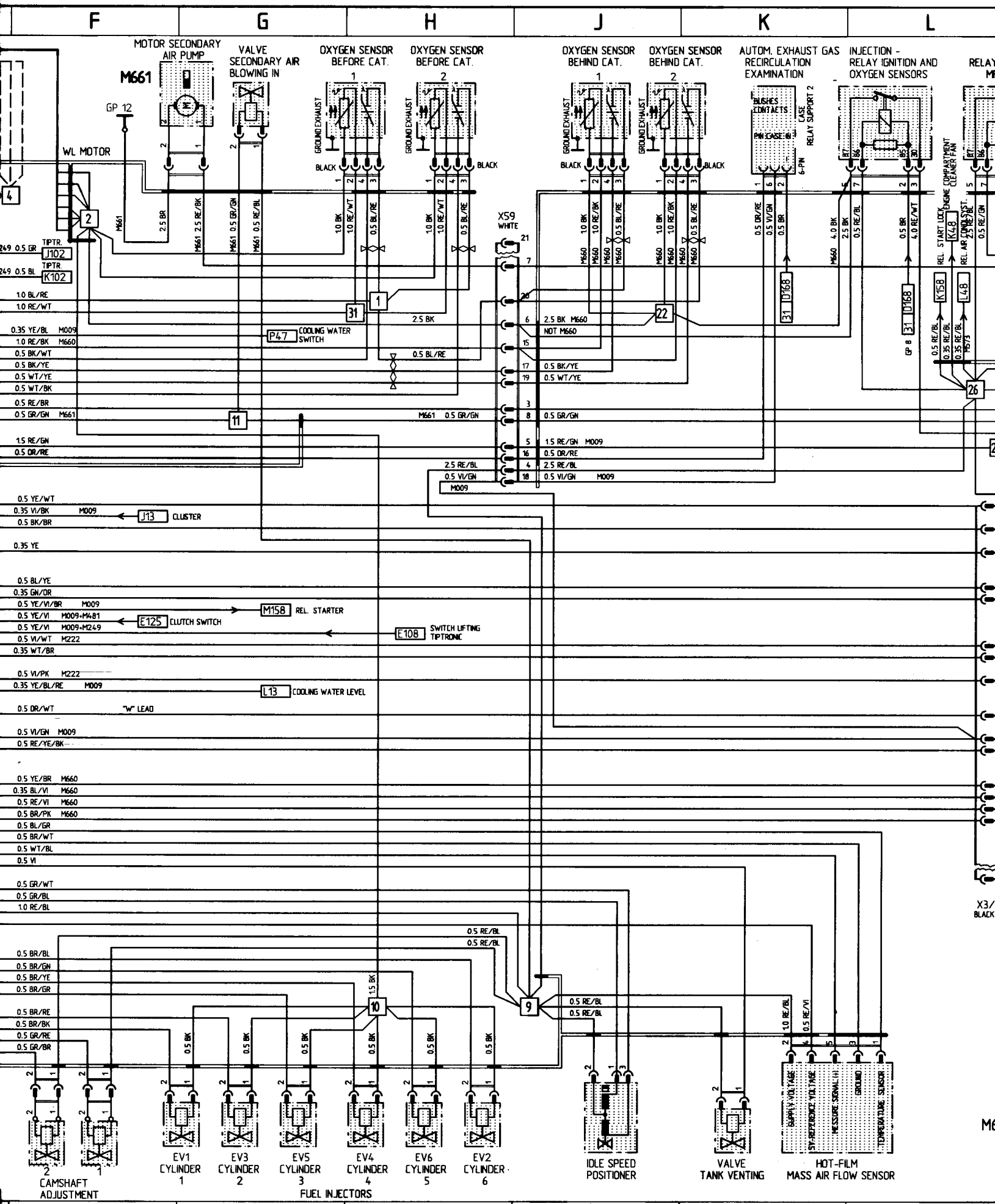
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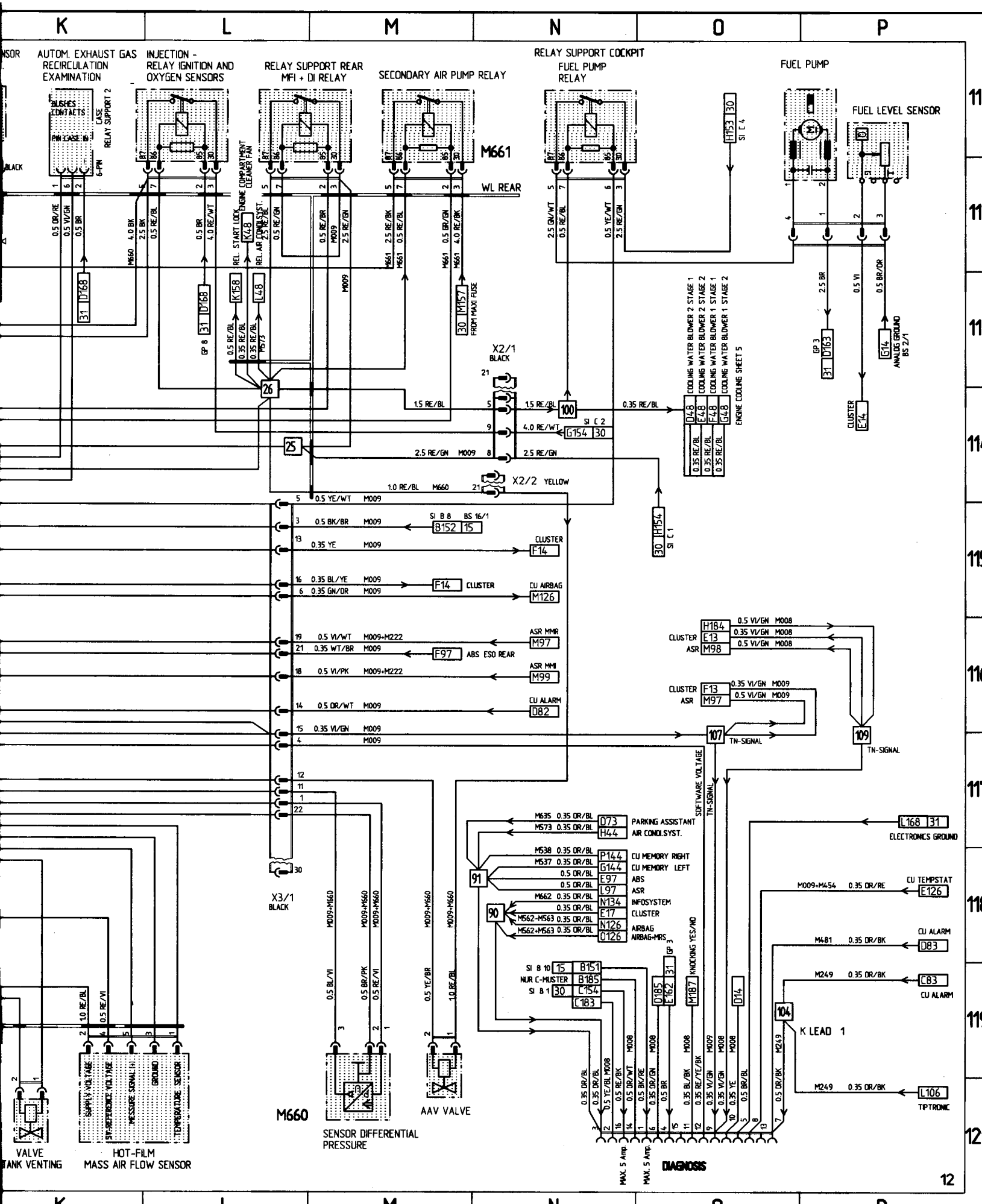
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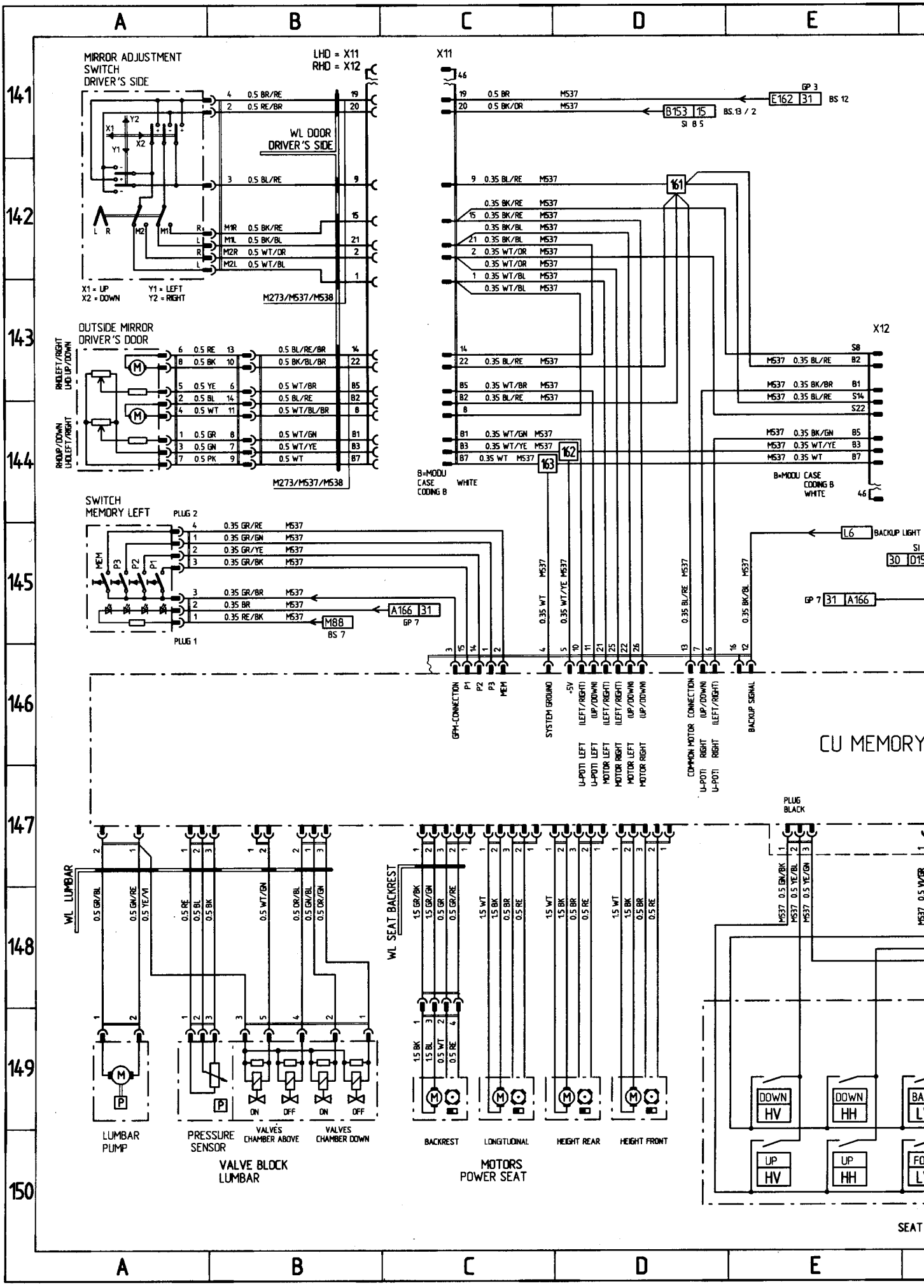
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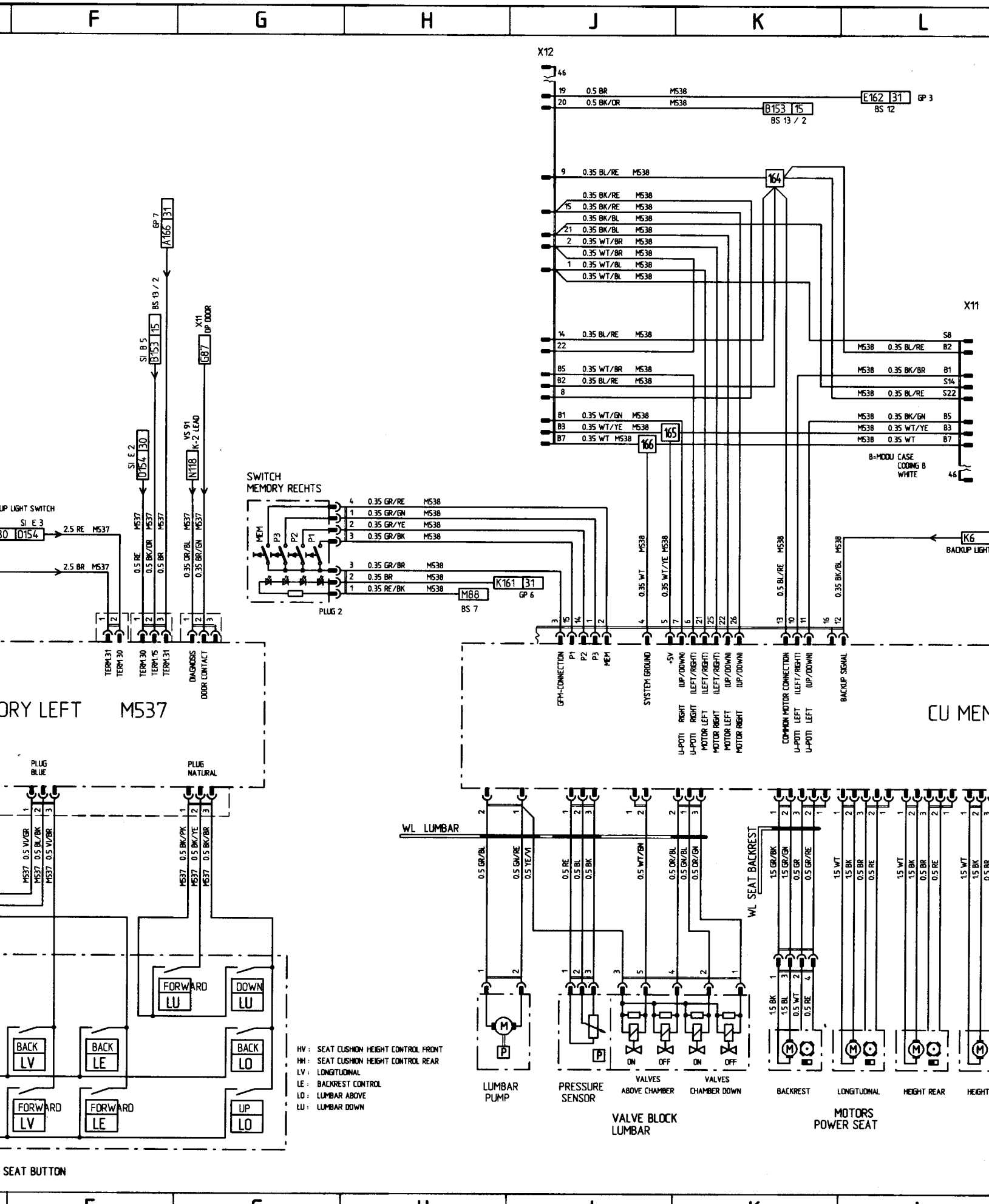
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MEMORY SEAT AND MIRROR



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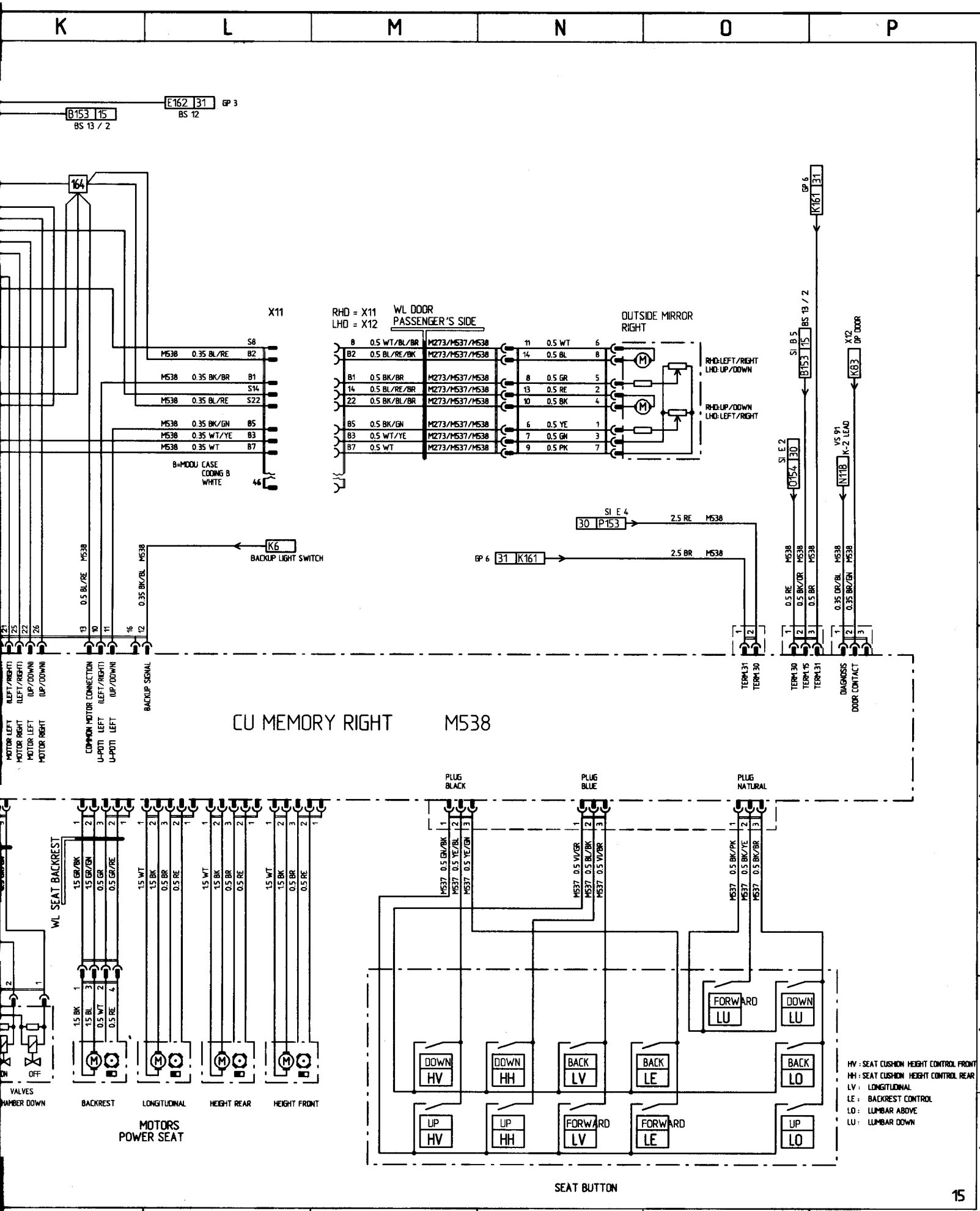
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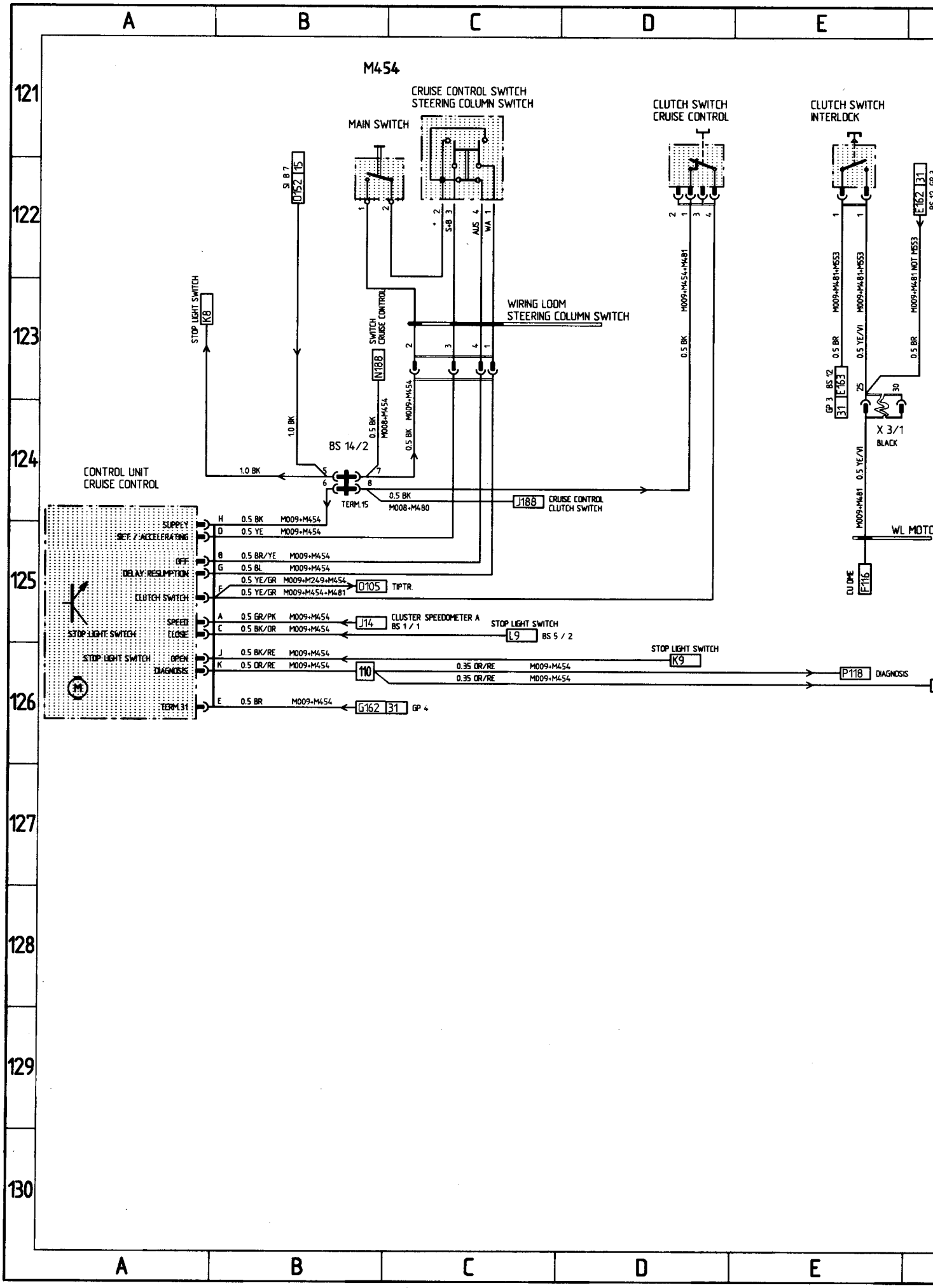
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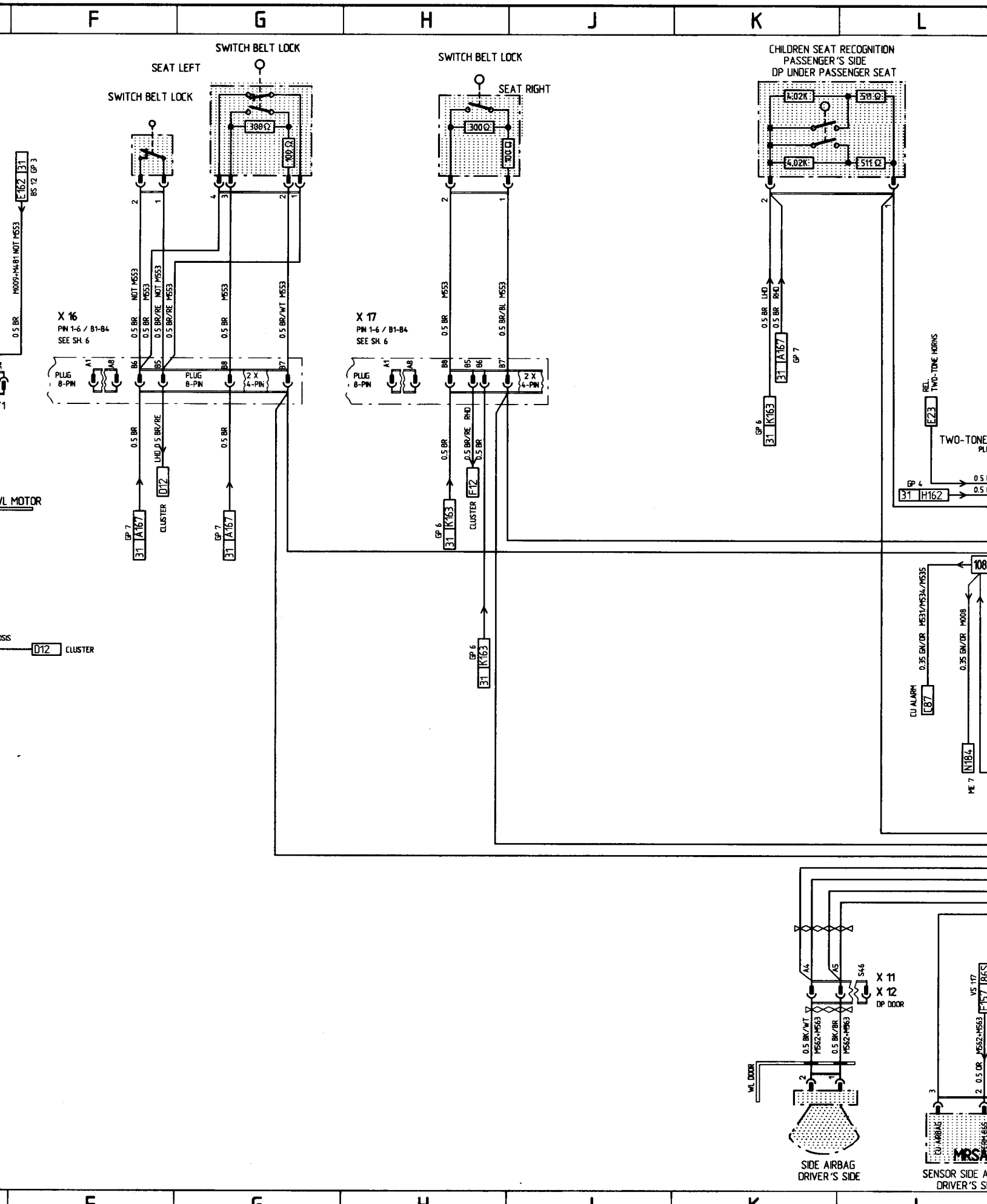
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CRUISE CONTROL, AIRBAG, SIDE AIRBAG



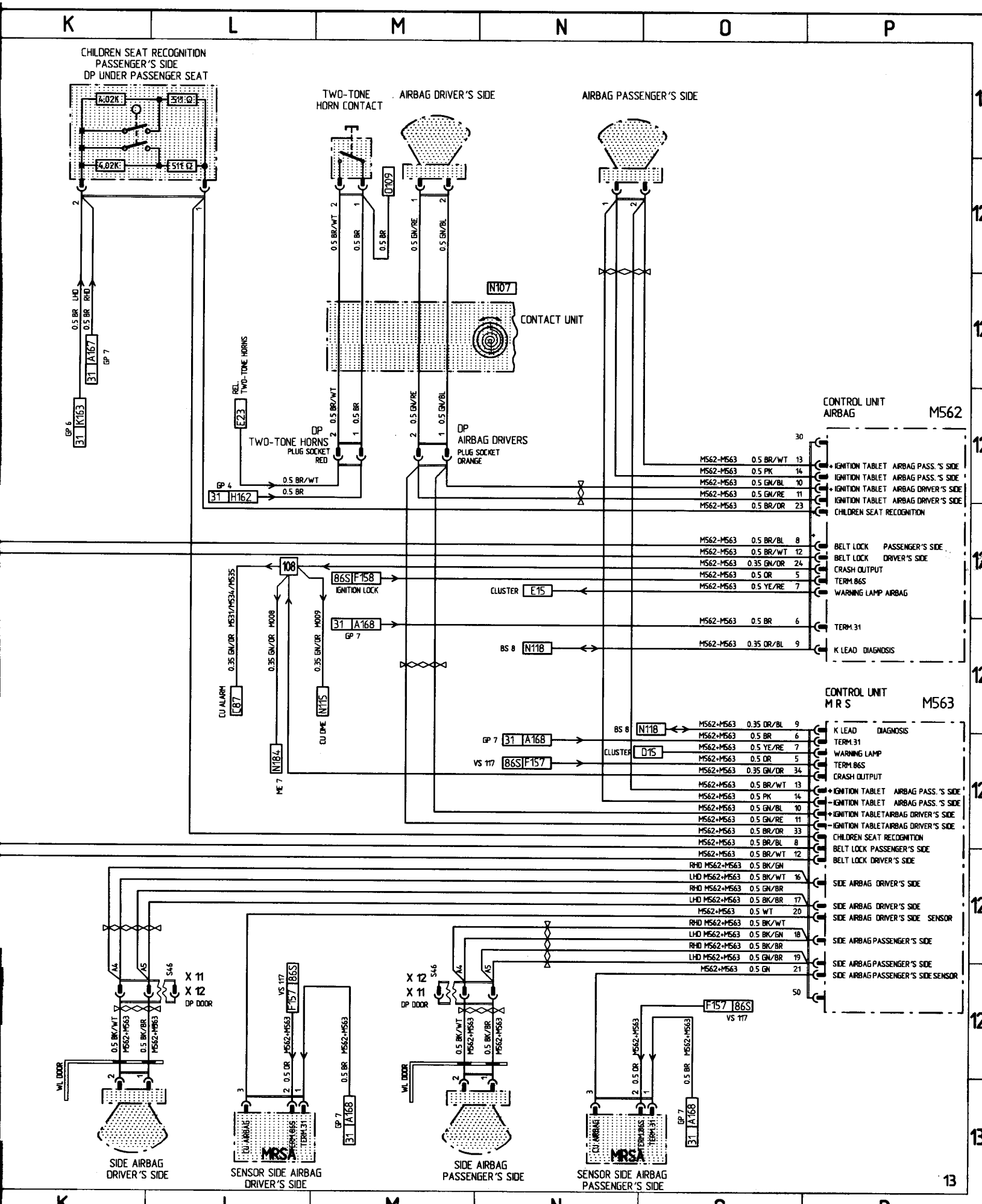
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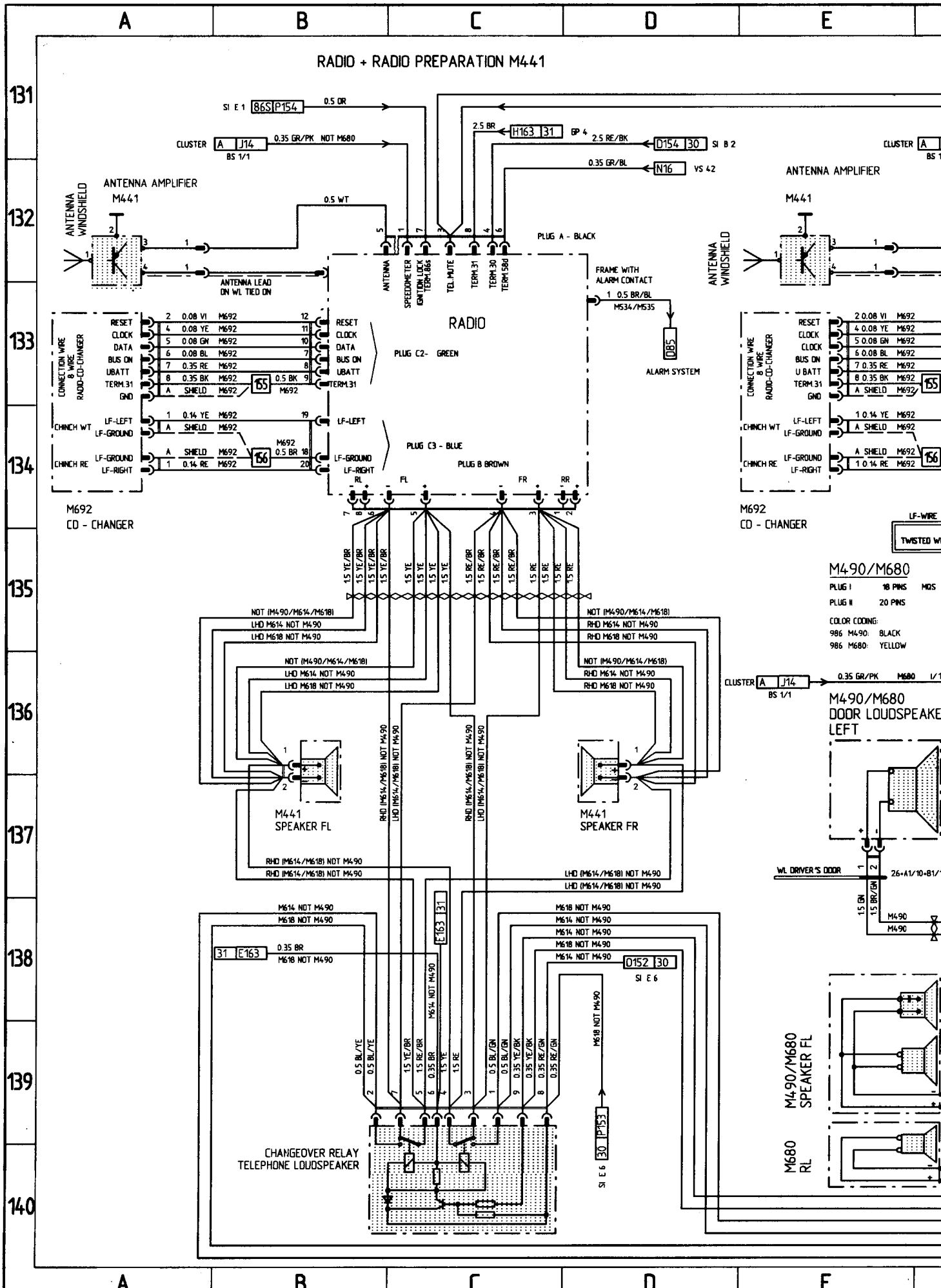
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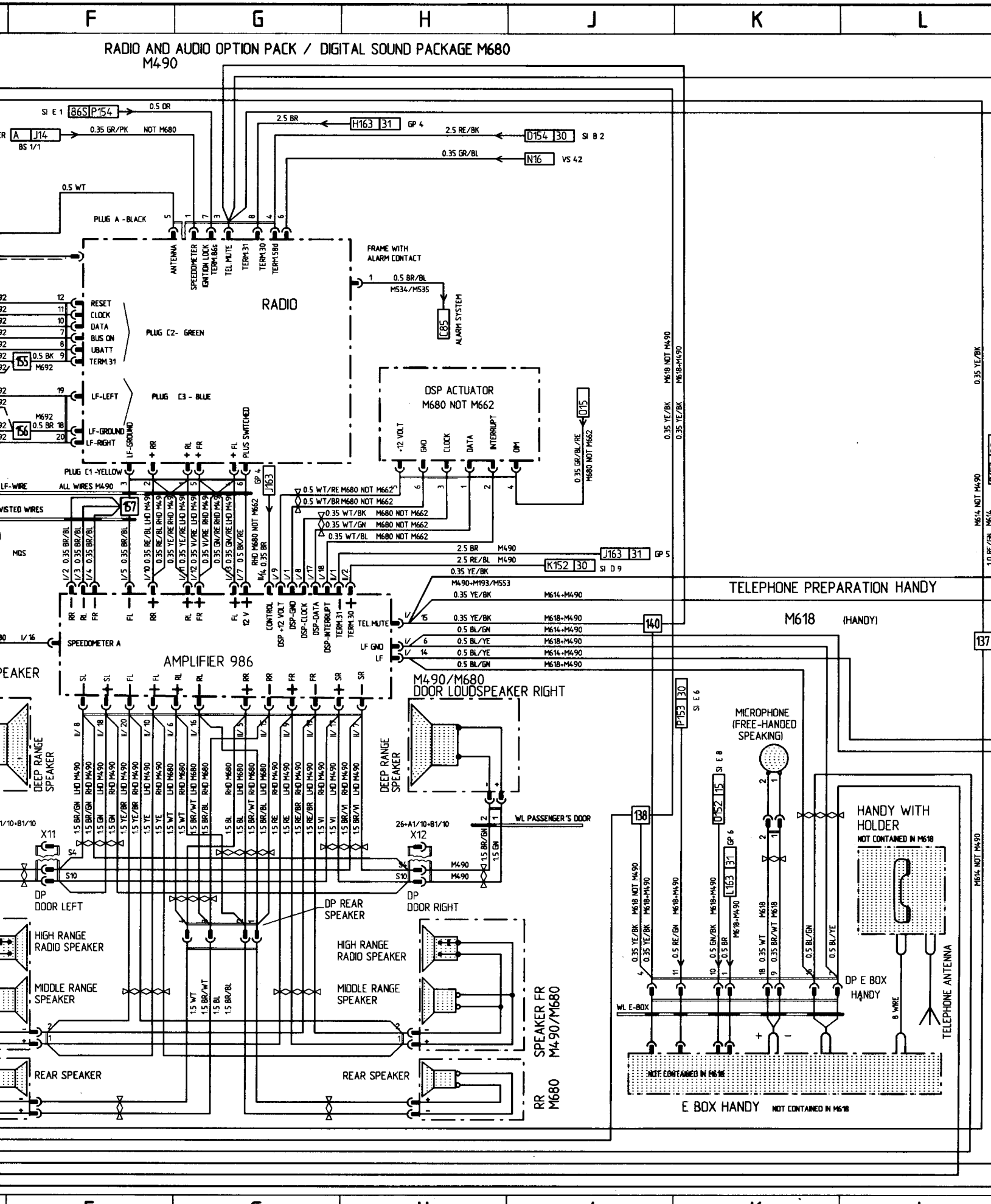
RADIO, TELEPHONE



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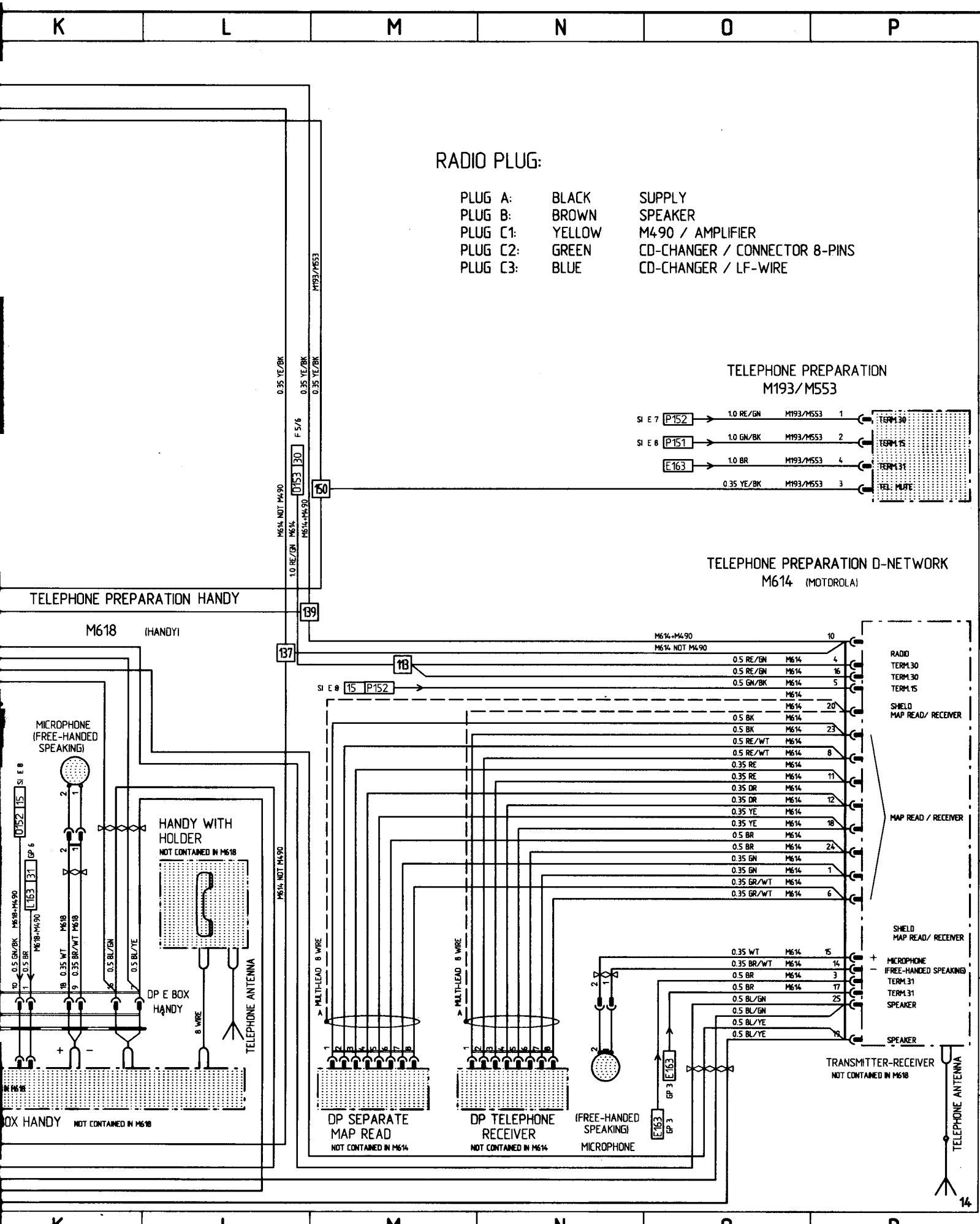
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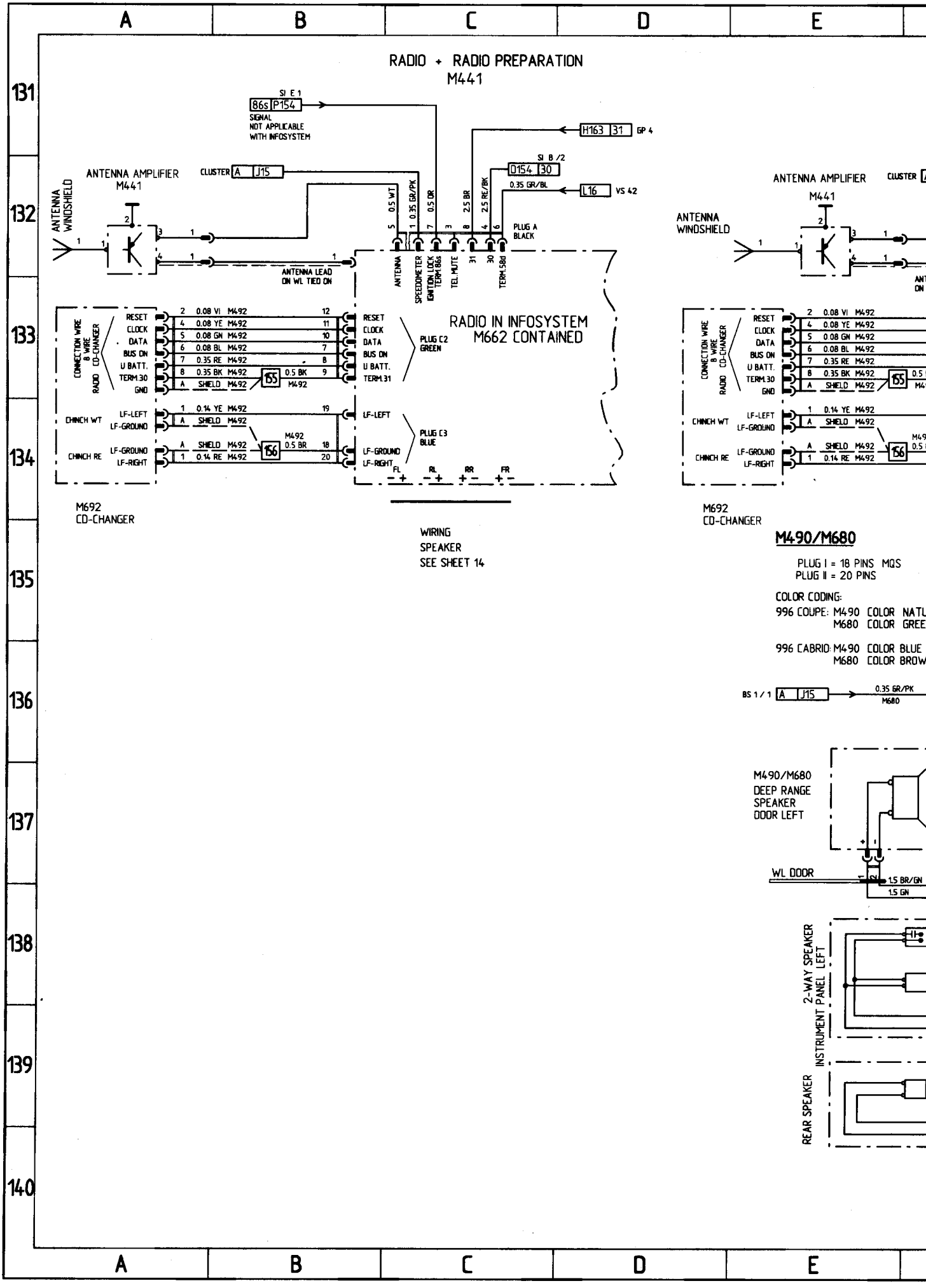
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= BLUE VI = VIOLET PK = PINK OR = ORANGE — TWISTED WIRES

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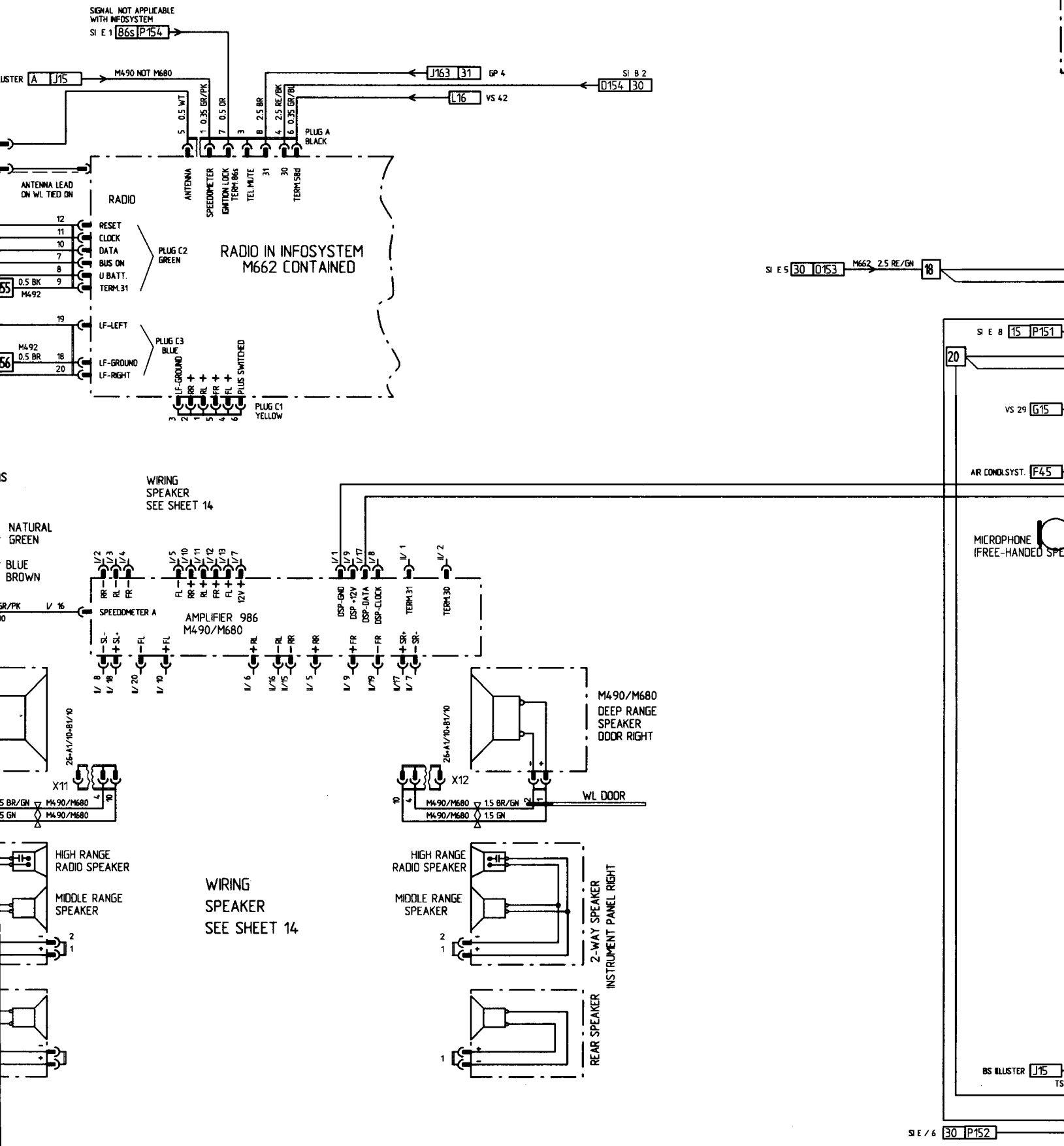


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F G H J K L

RADIO AND AUDIO OPTION PACK / DSP
M490 M680

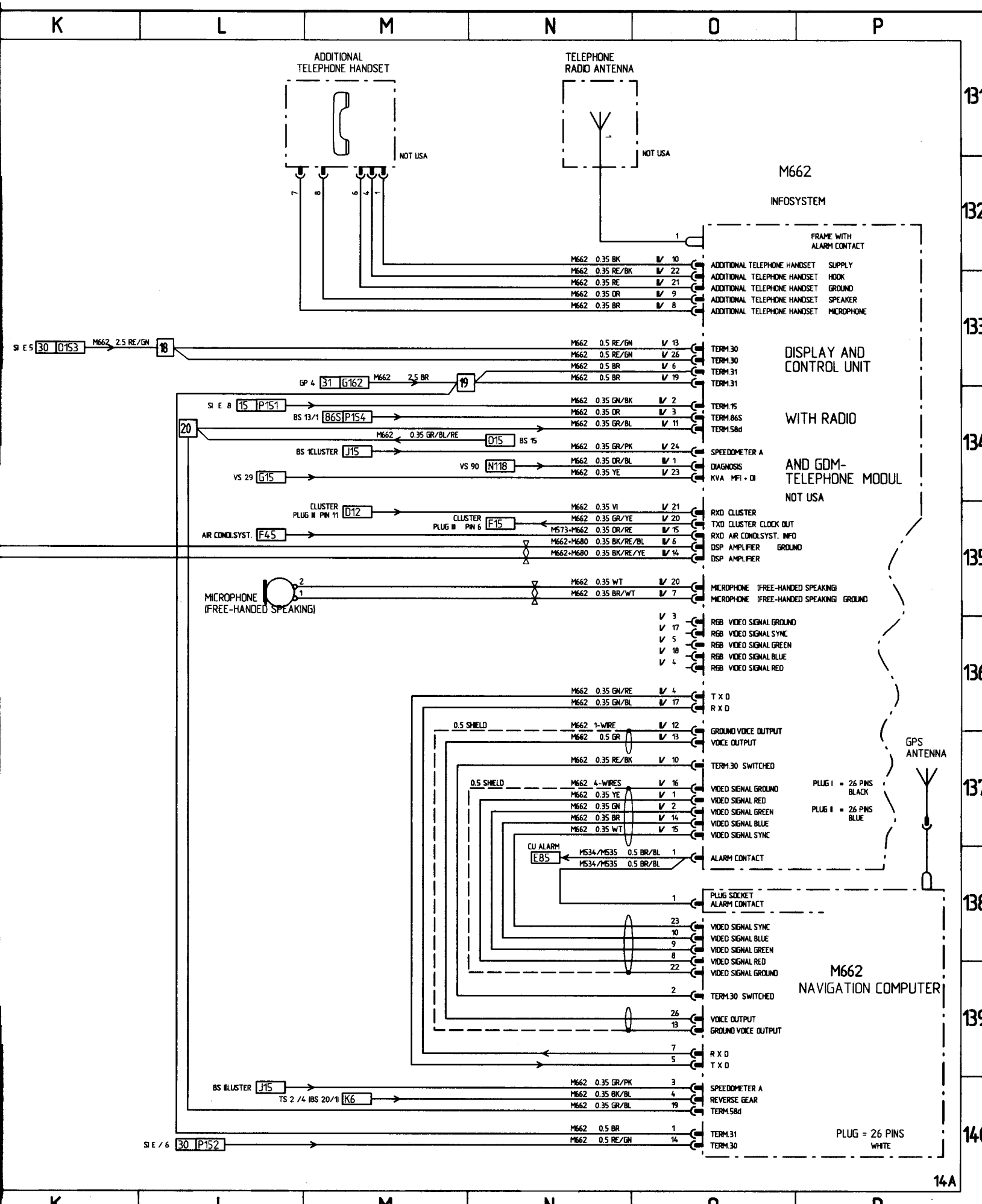


F G H J K L

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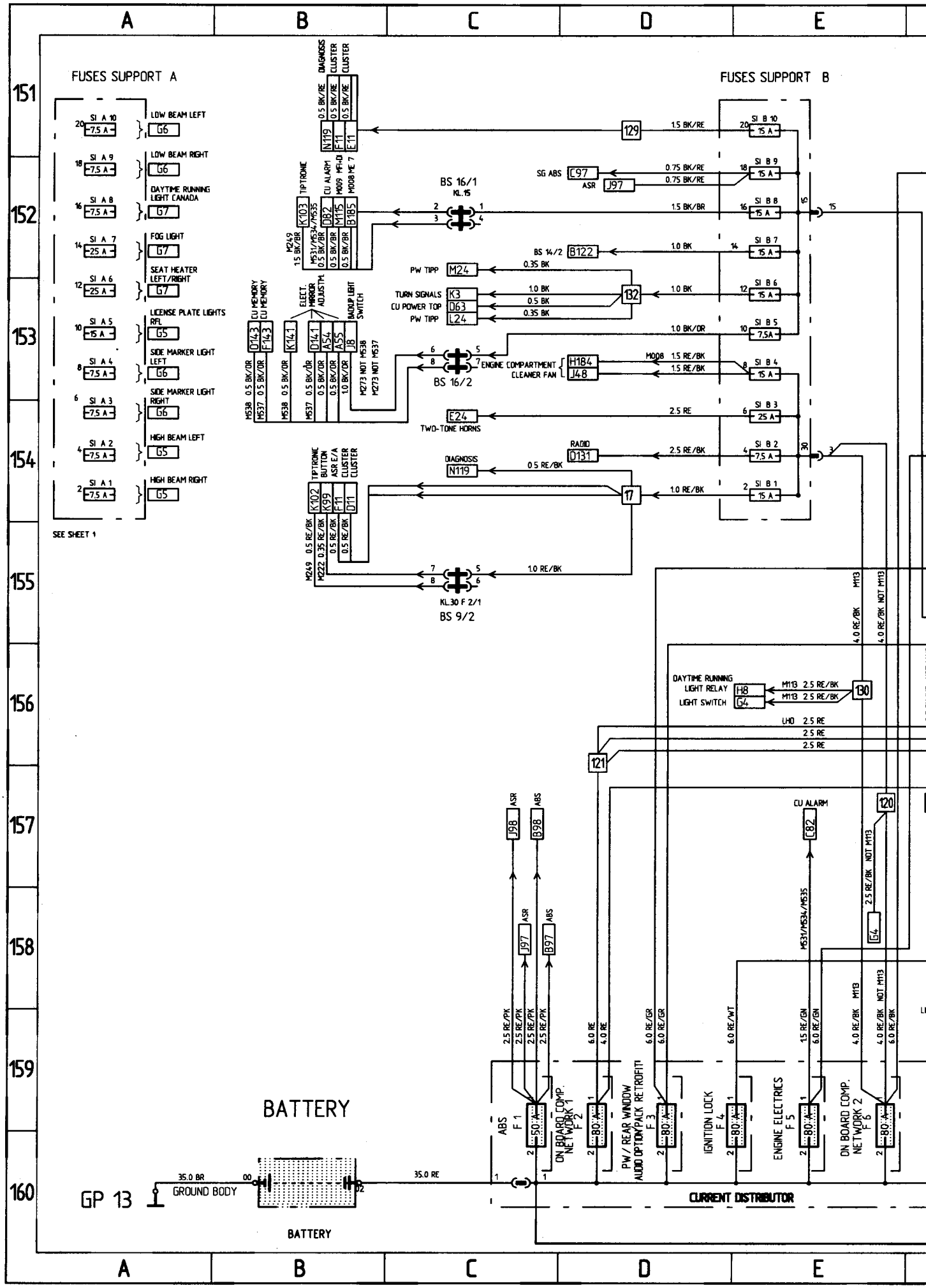


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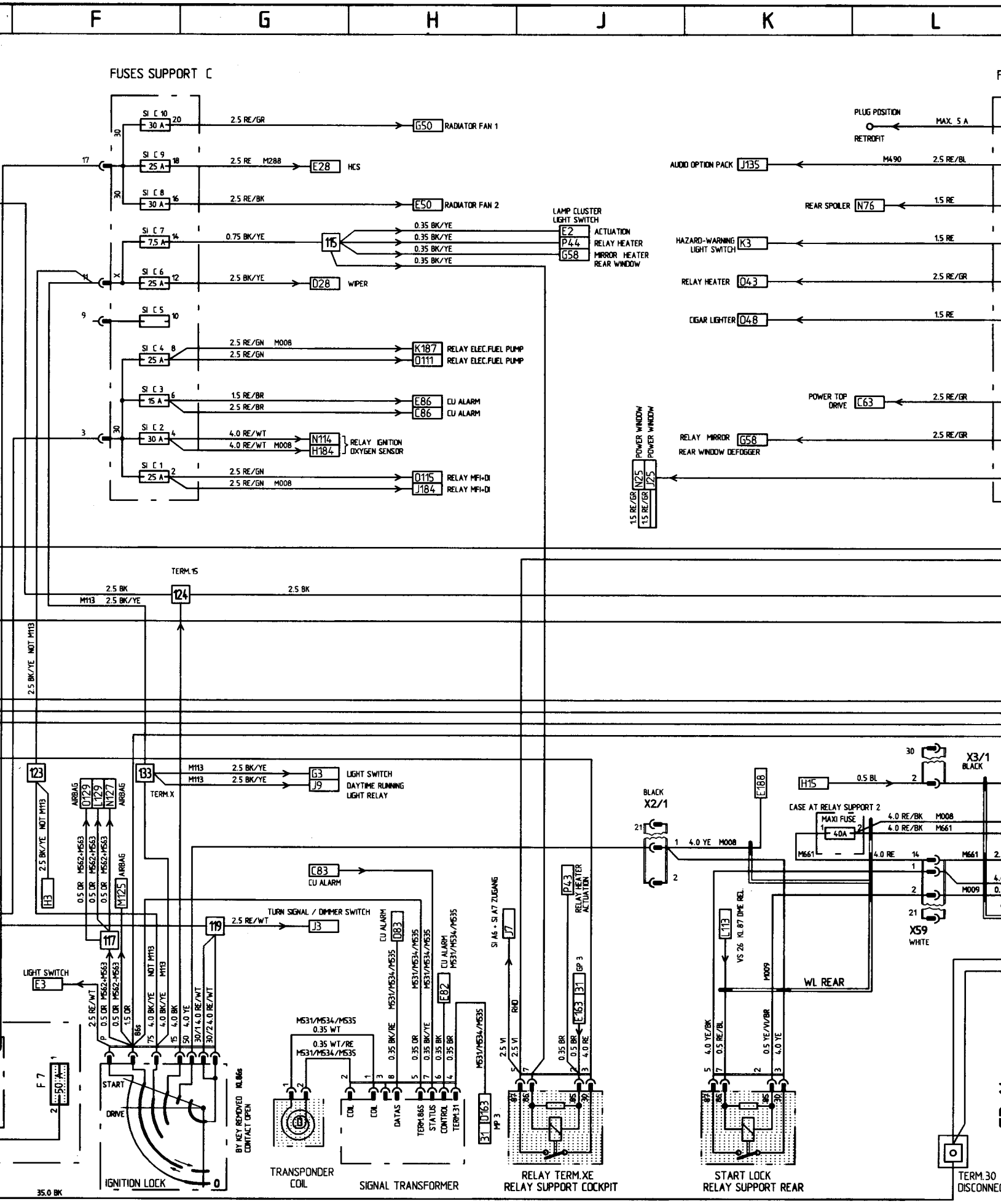
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POWER SUPPLY, FUSES



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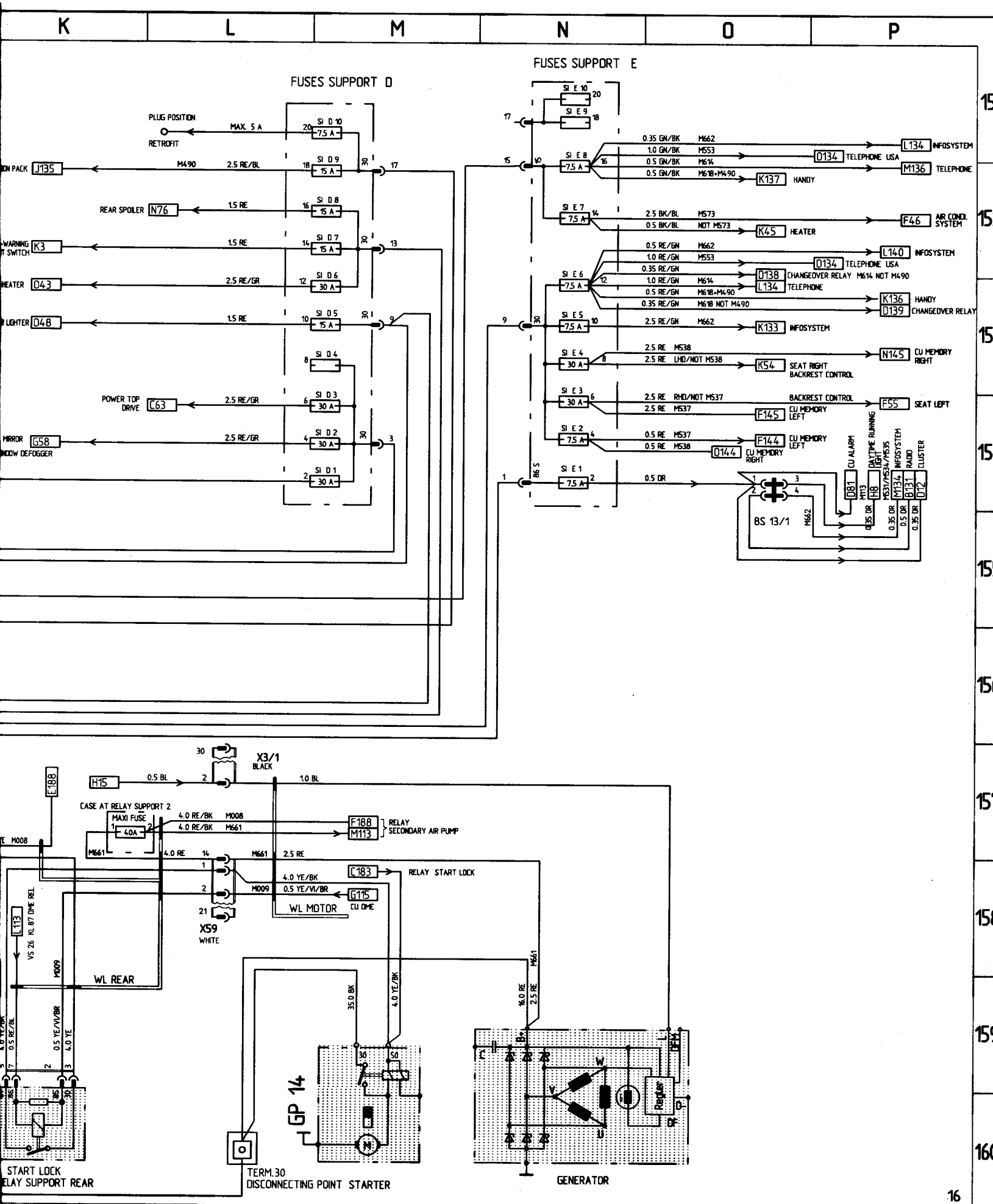
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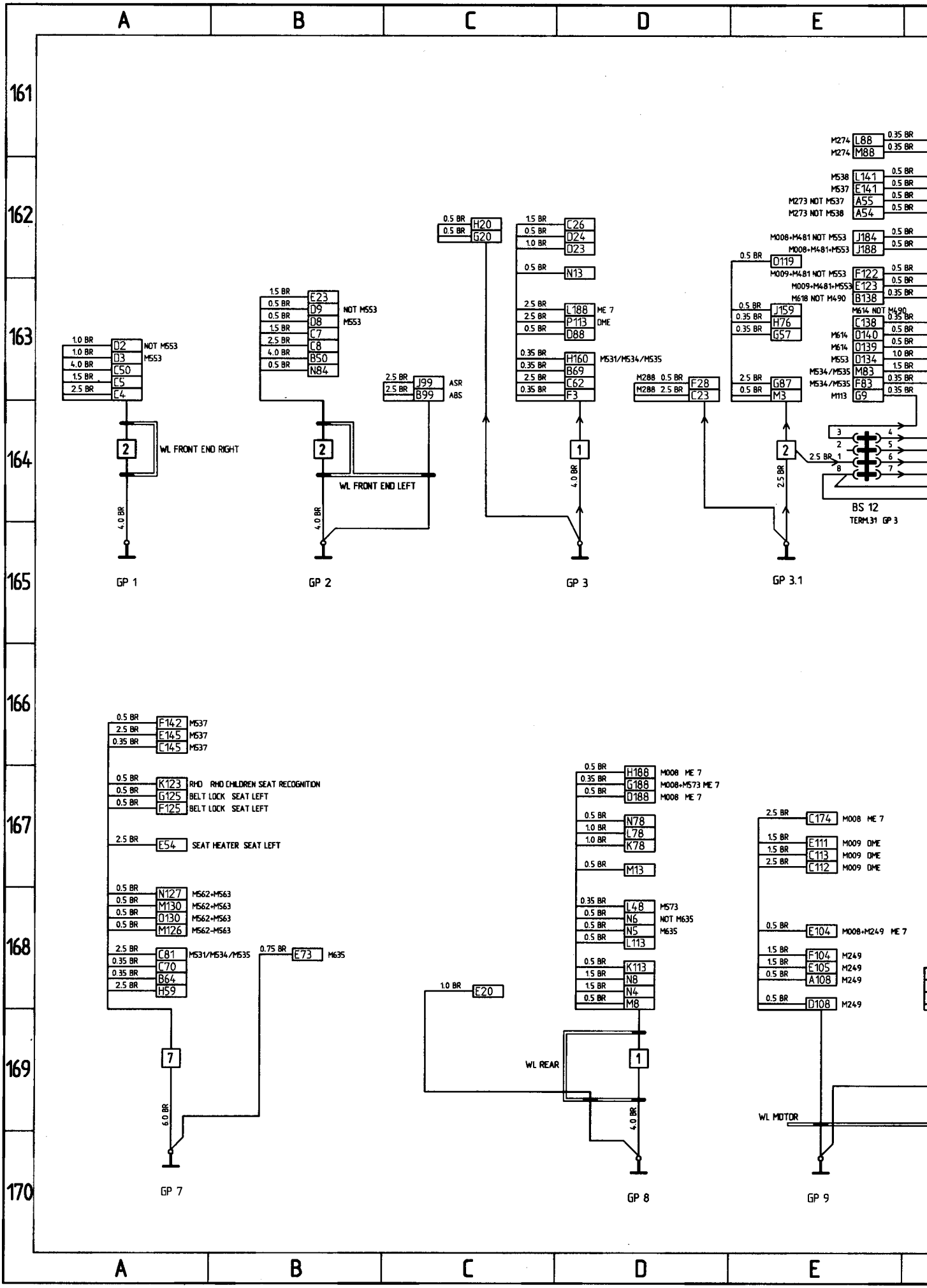


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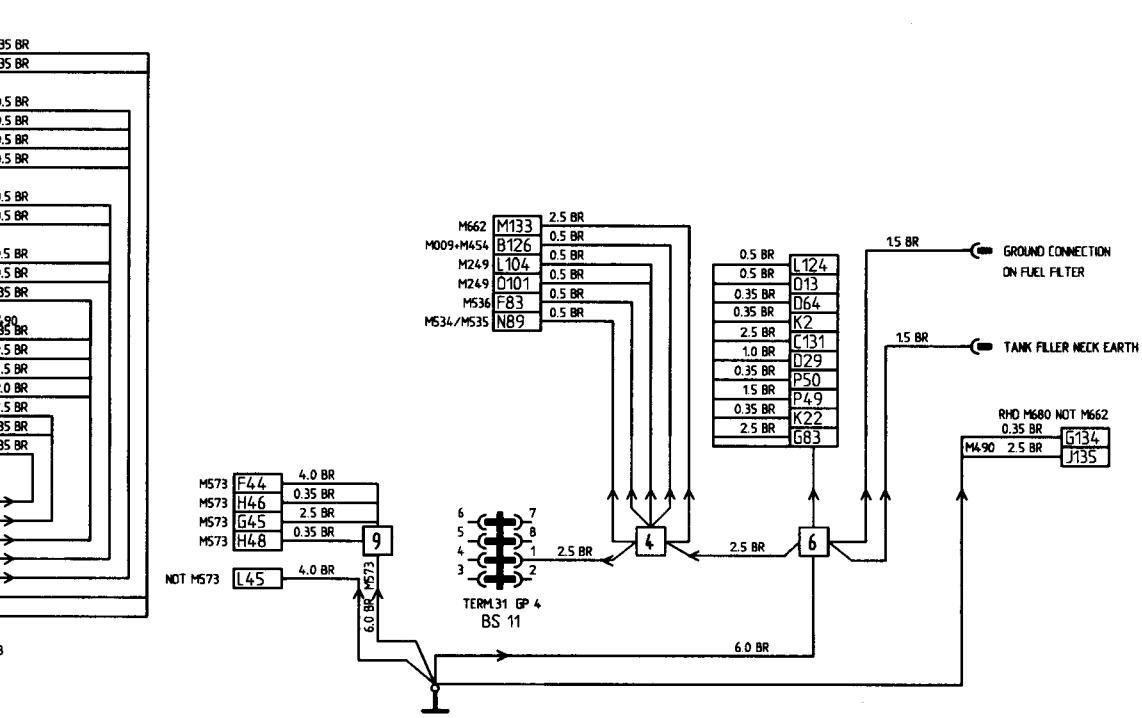
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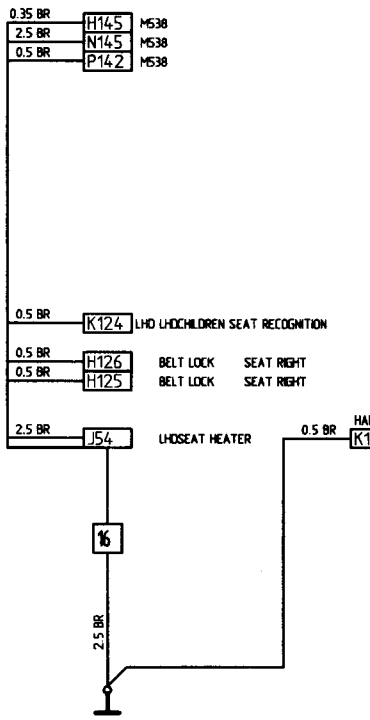
GROUND POINTS

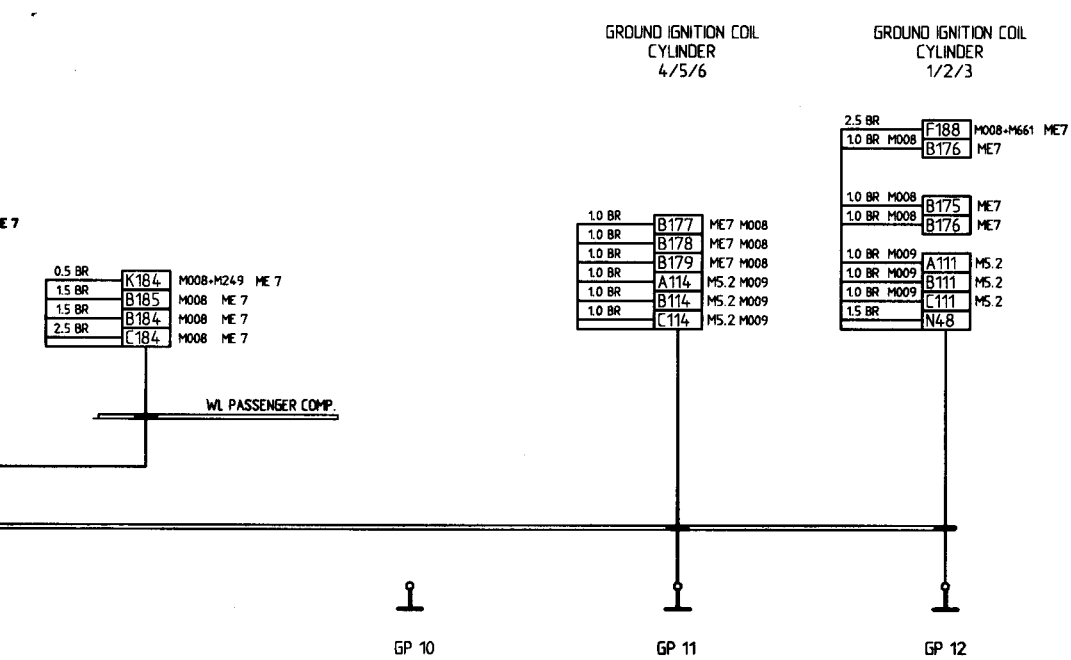


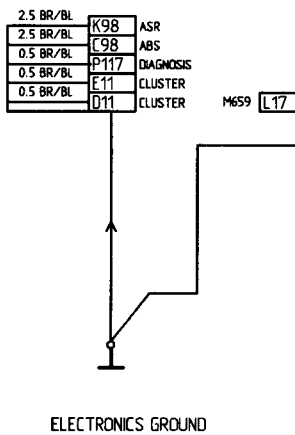
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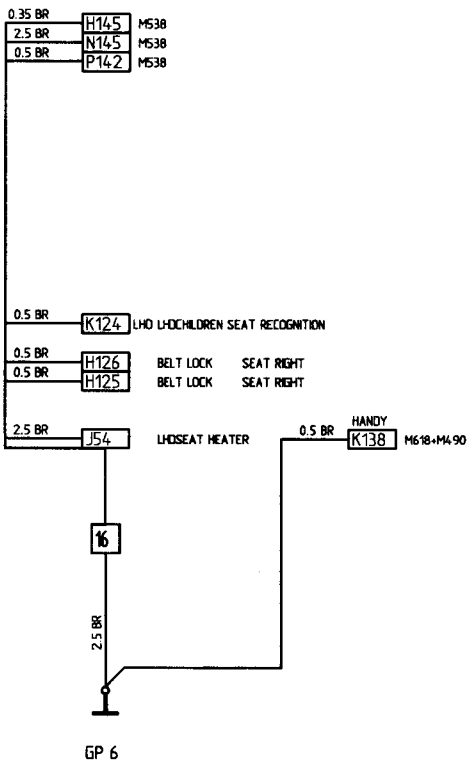


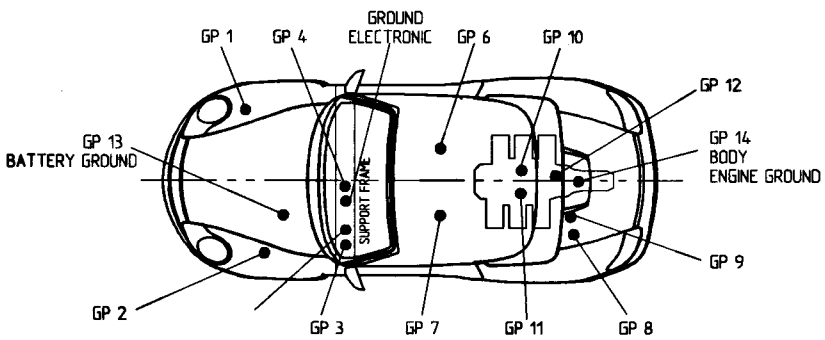


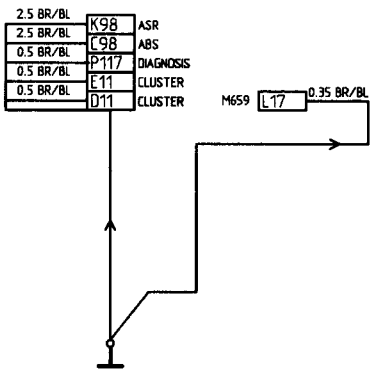
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K	L	M	N	O	P







17

K	L	M	N	O	P

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A | B | C | D | E

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	NOTE	FIELD IN WIRING DIAGRAM
ALARM HORN	5bP	5bM	LEFT OF BATTERY	M81/82
ANTENNA AMPLIFIER	7bL	7bL	RIGHT ON THE A-PILLAR/EIGHT MIRROR OUTSIDE	A132
OUTSIDE TEMP. SENSOR	1dM	1dM	ATTACHED TO RIB OF PV PART	J20
STOP LIGHT SWITCH	6cP	6cL	BELOW DASHBOARD ON BRAKE PEDAL LINKAGE	K10
BRIDGE PLUG	6cQ	6cL		SIEHE BL.21
DIAGNOSIS CONNECTION	6cQ	6cQ	LEFT BELOW DASHBOARD	N/0120
ENGINE SPEED SENSOR	13c0	13c0		A115
THROTTLE VALVE SENSOR	11c0	11c0		A/B118/119
PRESSURE SWITCH AIR CONDITIONING SYSTEM	5bM	5bP	IN FRONT OF AIR CLEANER	H50
TWO-TONE HORNS	1dM	1dM	ABOVE UNDERSIDE PANEL	D/E21
BLOWER ENGINE COMPARTMENT	12cQ	12cQ		N50
BLOWER MOTOR RIGHT	3cL	3cL	UNDER MAIN HEADL. ON PU PART	C49/50
BLOWER MOTOR LEFT	3cQ	3cQ	UNDER MAIN HEADL. ON PU PART	A49/50
HALL SENSOR	12cM	12cM		A/B116
HYDRAULIC UNIT ABS	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	B-G92/93
ABS/ABD HYDRAULIC UNIT	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	J-092/93
KICK-DOWN SWITCH	5c0	5cL	UNDER THE ACCELERATOR PEDAL	D/P102
KNOCK SENSOR CYL.1-3	12cL	12cL		A/B117
KNOCK SENSOR CYL.4-6	12cQ	12cQ		A/B117
FUEL PUMP	5d0	5d0	IN THE TANK UNDER THE BATTERY	
CLUTCH SWITCH CRUISE CONTROL	5dQ	5dN	AT CLUTCH PEDAL	P111
INSTRUMENT CLUSTER	6pB	6mB		F122
OXYGEN SENSOR UPSTR.CAT.CYL. 1/3	14dQ	14dQ		H111
OXYGEN SENSOR UPSTR.CAT.CYL. 3/6	14dL	14dL		H111
OXYGEN SENSOR BEHIND CAT.CYL. 1/3	16dQ	16dQ		J111
OXYGEN SENSOR BEHIND CAT.CYL. 3/6	16dL	16dL		J111
IDLE SPEED POSITIONER	13c0	13c0		J120
MASS AIR FLOW SENSOR	13c0	13c0		K/L120
MICRO SWITCH CONVERTIBLE TOP UNLOCK	9a0	9a0	AT WIND COURSE FRAME	B70
MICRO SWITCH CONVERTIBLE TOP LOCK	9aN	9aN	AT WIND COURSE FRAME	B70
MICRO SWITCH VDKD CLOSE	13bN	13bN	IN REAR LUGGAGE COMPARTMENT	B62
MICRO SWITCH CONVERTIBLE TOP CLOSED	12bQ	12bQ	B-PILLAR LEFT	C70
NTC TEMPERATURE FOR INTAKE AIR				A115
OIL PRESSURE SENSOR/SWITCH				J11
OIL LEVEL SENSOR				K11
OIL TEMPERATURE SENSOR				K11
SWITCH LIFTING	15dN	15dN	ON GEARBOX	B109/110

A | B | C | D | E

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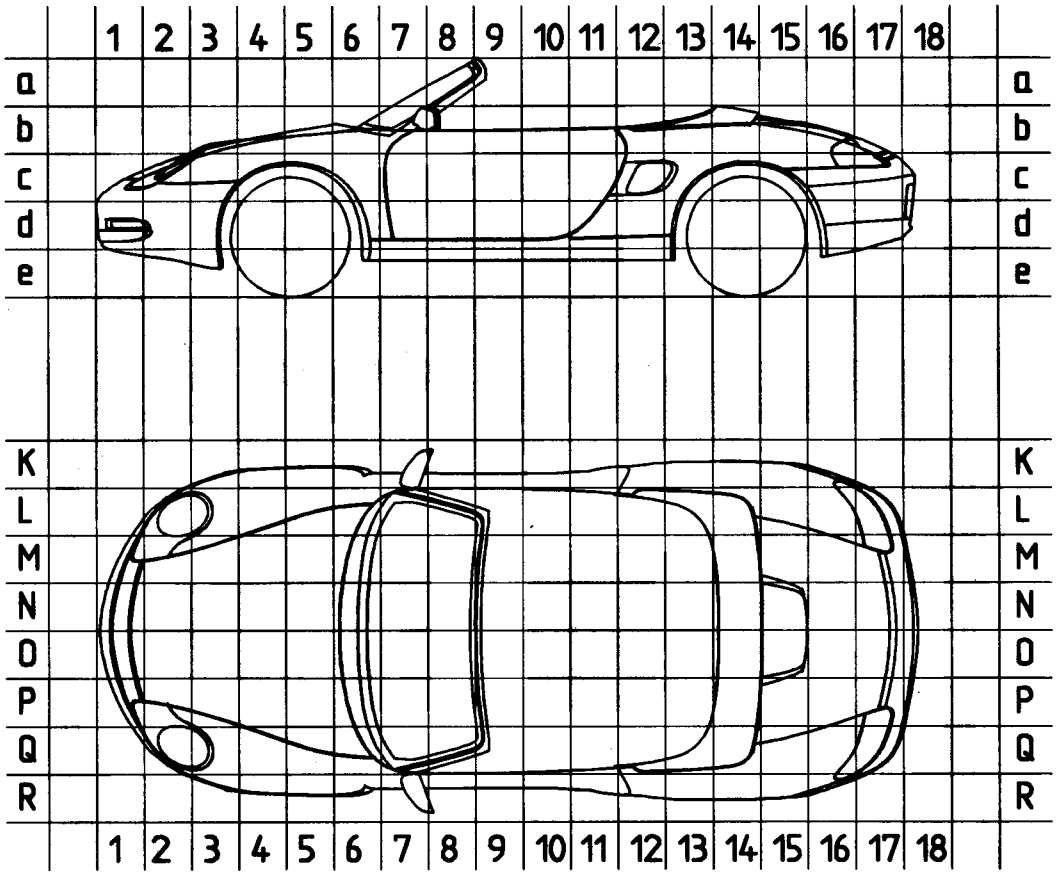
DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	NOTE	FIELD IN WIRING DIAGRAM
RELAY AC COMPRESSOR	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L50
RELAY FLASHER	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	M1
RELAY MFI + DI	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L/M111
RELAY FUEL PUMP	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	N111
RELAY POWER TOP	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1 DOUBLE RELAY	A-E65-67
RELAY TWO-TONE HORN	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E21
RELAY ACTUATION HEATING	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	N41
RELAY RADIATOR FAN 1 STAGE 1	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	F50
RELAY RADIATOR FAN 1 STAGE 2	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	G50
RELAY RADIATOR FAN 2 STAGE 1	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	D50
RELAY RADIATOR FAN 2 STAGE 2	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E50
RELAY TERM.X	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	J160
RELAY ENGINE COMPARTMENT CLEANER FAN	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K/L50
RELAY FOG LIGHT SWITCH OFF USA/JAPAN	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E10
RELAY SECONDARY AIR PUMP	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	M111
RELAY MIRROR / REAR WINDOW DEFOGGER	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	G60
RELAY SPOILER EXTENSION	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K80
RELAY SPOILER RETRACTION	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L80
RELAY START LOCK	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K160
RELAY DAYTIME RUNNING LIGHT	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1 DOUBLE RELAY	G/H10
RELAY HCS	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	F30
RELAY WIPER INTERMITTENT CONTROL	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E30
RELAY IGNITION / OXYGEN SENSOR	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L111
BACKUP LIGHT SWITCH	14dN	14dN	ON GEARBOX	J10
WINDSHIELD WASHING FLUID PUMP	6dQ	6dQ	ON WAHSHER TANK REAR	D21
SECONDARY AIR PUMP	12bM	12bM		F/G111
FUSES SUPPORT	6dQ	6dL	ON THE A-PILLAR IN FOOTWELL	A-P151-154
PREDETERMINED MELTING AREAS	6cN	6cN	PASSENGER'S FOOTWELL	C-F159/160
HEADLIGHT CLEANER PUMP	6dQ	6dQ	WINDSHIELD WASHER PUMP	C21
STARTER	13cN	13cN		M160
CONTROL UNIT ABS	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	B-G94
CONTROL UNIT AIRBAG	7dN	7dN	FLOOR PANEL CENTER CONSOLE	D/P125/126
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	10dP	10dP	UNDER THE DRIVER SEAT	A82-88
CONTROL UNIT MFI+DI	15cP	15cP		CDE111-120
CONTROL UNIT HEATING, AIR CONDITIONING	6bO	6bO	IN CONTROL UNIT	A-E41/42
CONTROL UNIT CRUISE CONTROL WITH DRIVE MOTOR	6cO	6dM	L. ABOVE FOOTWELL OUTLET NOZZLE	A/B125/126
CONTROL UNIT TIPTRONIC TRANSMISSION	15cN	15cN	IN REAR LUGGAGE COMPARTMENT	C-H101/102
LIGHTS ON BUZZER	6bP	6bP	IN CLUSTER	A/B15
FUEL LEVEL SENSOR	5dO	5dO	IN THE TANK UNDER THE BATTERY	P111
TANK VENTING VALVE	6cK	6cK		K120
AMPLIFIER	6bN	6bN	IN LUGGAGE COMPARTMENT RIGHT REAR	F/G135/136

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K	L	M	N	O	P

	FIELD IN WIRING DIAGRAM
ELAY SUPPORT 2	L50
RT 1	M1
ELAY SUPPORT 2	L/M111
RT 1	N111
RT 1 DOUBLE RELAY	A-E65-67
RT 1	E21
RT 1	N41
RT 1	F50
RT 1	G50
RT 1	D50
RT 1	E50
RT 1	J160
ELAY SUPPORT 2	K/L50
RT 1	E10
ELAY SUPPORT 2	M111
RT 1	G60
LAY SUPPORT 2	K80
LAY SUPPORT 2	L80
LAY SUPPORT 2	K160
RT 1 DOUBLE RELAY	G/H10
RT 1	F30
RT 1	E30
ELAY SUPPORT 2	L111
	J10
	D21
	F/G111
	A-P151-154
	C-F159/160
	C21
	M160
	B-G94
	D/P125/126
	A82-88
	CDE111-120
	A-E41/42
	A/B125/126
	C-H101/102
	A/B15
	P111
	K120
	F/G135/136



K	L	M	N	O	P

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CONNECTORS AND ABBREVIATIONS

A	B	C	D	E

PLUG CONNECTIONS

CODE	NUMBER OF PINS	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	NOTE
X 1/1	21	CONNECTION WL PASSENGER COMPARTMENT/ WL FRONT END LEFT	4cP		IN LUGGAGE COMPARTME
X 1/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL FRONT END RIGHT	4cQ		
X 3/1	30	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR	15cP		
X 3/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR	15cP		
X10	4	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR POWER TOP			
X11	46	CONNECTION WL PASSENGER COMPARTMENT/ WL DOOR LEFT	7cQ		
X12	46	CONNECTION WL PASSENGER COMPARTMENT/ WL DOOR RIGHT	7cL		
X15	3	CONNECTION WL PASSENGER COMPARTMENT/ WL HARDTOP	12cQ		
X16	6, 8 (2X4)	CONNECTION WL PASSENGER COMPARTMENT/ WL SEAT HEATING LEFT	9dP		
X17	6, 8 (2X4)	CONNECTION WL PASSENGER COMPARTMENT/ WL SEAT HEATING RIGHT	9dM		
X20	4	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER	6cO		
X20/1	12	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER PLUG Y	6cO		
X20/1	10	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER PLUG X	6cO		
X24	2	CONNECTION WL PASSENGER COMPARTMENT/ WL HIGH MOUNTED STOP LIGHT			
X59	21	CONNECTION WL MOTOR/ WL REAR	15cP		
X65	15	CONNECTION WL DOOR DRIVER'S SIDE/ WL OUTSIDE MIRROR DRIVER'S SIDE	7bR		
X66	15	CONNECTION WL DOOR PASSENGER'S SIDE/ WL OUTSIDE MIRROR RIGHT	7bK		
X2/1	21	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		
X2/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		

M-NUMBERS

M 113	CANADA VERSION (DAYTIME RUNNING LIGHT)
M 139	ADJUSTABLE SEAT HEATING, LEFT SEAT
M 193	JAPAN VERSION
M 222	ANTI-SKID REGULATOR (ASR)
M 249	AUTOMATIC TRANSMISSION (TIPTRONIC)
M 273	OUTSIDE MIRROR POWER ADJUSTABLE
M 288	HEADLIGHT CLEANING SYSTEM
M 340	ADJUSTABLE SEAT HEATING, RIGHT SEAT
M 441	RADIO PREPARATION
M 454	CRUISE CONTROL
M 465	REAR FOG LIGHT LEFT
M 466	REAR FOG LIGHT RIGHT
M 481	5-RANGE-TRANSMISSION
M 490	AUDIO OPTION PACK
M 531	CODE LOCK CENTRAL LOCKING SYSTEM
M 534	ANTI-JOY RIDE DEVICE SYSTEM
M 535	ANTI-JOY RIDE DEVICE SYSTEM USA
M 550	HARDTOP
M 553	USA / CANADA VERSION
M 573	AIR CONDITIONING SYSTEM
M 614	TELEPHONE PREPARATION
M 618	HANDY
M 635	PARKING ASSISTANT
M 651	POWER WINDOWS
M 659	ON-BOARD COMPUTER
M 660	OBD II
M 661	STRICTER EMISSIONS CONCEPT
M 680	DIGITAL SOUND PACKAGE
M 692	CD-CHANGER

A	SPEEDO O
P	IGNITION S
X	IGNITION S
XE	TERM.X
15	IGNITION S
86s	IGNITION S
K	DIAGNOSIS
30	PERMANEN
31	GROUND
54	STOP LIGH

A	B	C	D	E

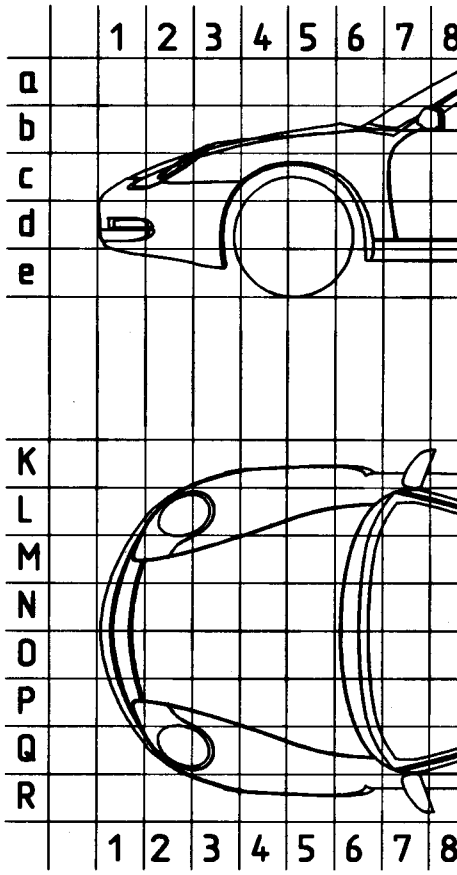
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	FIELD IN WIRING DIAGRAM
ARTMENT FRONT LEFTWHITE	D7/8, J17, D24, C48, M84, B96, J96,
BLACK	D4/5, C49,
BLACK	J8, G13, M47, L118, F124, L157,
BLUE	J103-106
BLACK	B63,
BLACK	J23-24, C56, H-K88, F137,
BLACK	N23-24, C54, H-K83, H137,
BLACK	H58
WHITE	F53, G123,
BLACK	M53, H123,
BLACK	K44
BLACK	C-D43
BLACK	A-B43
BLACK	M8,
WHITE	M7, L13, M48, H112, L158,
WHITE	C59,
WHITE	C52,
BLACK	M6, M14, J48, N113, J157,
YELLOW	F18, J46, M76, M87, G96, N96, N114,

ABBREVIATIONS

CODE	MEANING	CODE	MEANI
AAV	CARBON CANISTER SHUTOFF VALVE	HA	REAR AXLE
ABD	AUTOMATIC BRAKE DIFFERENTIAL	HF	HIGH FREQU
ABS	ANTILOCK BRAKING SYSTEM	HFM	HOT-FILM A
AC	AIR CONDITIONING SYSTEM	HL	REAR LEFT
AGR	EXHAUST GAS RECIRCULATION	HR	REAR RIGH
ASR	ANTI-SKID REGULATOR	KL	TERMINAL
ATF	OUTSIDE TEMP. SENSOR	KLS	COMBINED S
BKV	BRAKE BOOSTER	KS	WIRING LOO
BS	BRIDGE PLUG	KVA	FUEL CONSU
BVA	BRAKE PAD WEAR DISPLAY	LED	LIGHT-EMIT
C A N	SERIAL DATA TRANSFER	LL	LEFT-HAND
CLOCK	CLOCK SIGNAL	LWR	HEADLIGHT
DATA	DATA SIGNAL	ME	MOTRONIK
DF	SPEED SENSOR	MMI	ENGINE ACT
DFA	ENGINE-SPEED SENSOR OUTPUT	MMR	NOMINAL TI
DG	ENGINE SPEED SENSOR	MP	GROUND PO
DK	THROTTLE VALVE	NF	LOW FREQU
DKG	THROTTLE VALVE SENSOR	NL	FOG LIGHT
DME	DIGITAL ENGINE ELECTRONICS	NR	NUMBER
EDS	ELECTRONIC DIFFERENTIAL LOCK	NSL	REAR FOG L
EKP	ELEC.FUEL PUMP	NTC	NEGATIVE T
EV	FUEL INJECTOR	PDV	DIAGNOSIS
FDR	DYNAMIC RUNNING GEAR ADJUSTMENT	PIN	PIN
FH	POWER WINDOW	POTI	POTENTIOM
GND	GROUND	RDK	TIRE PRESS



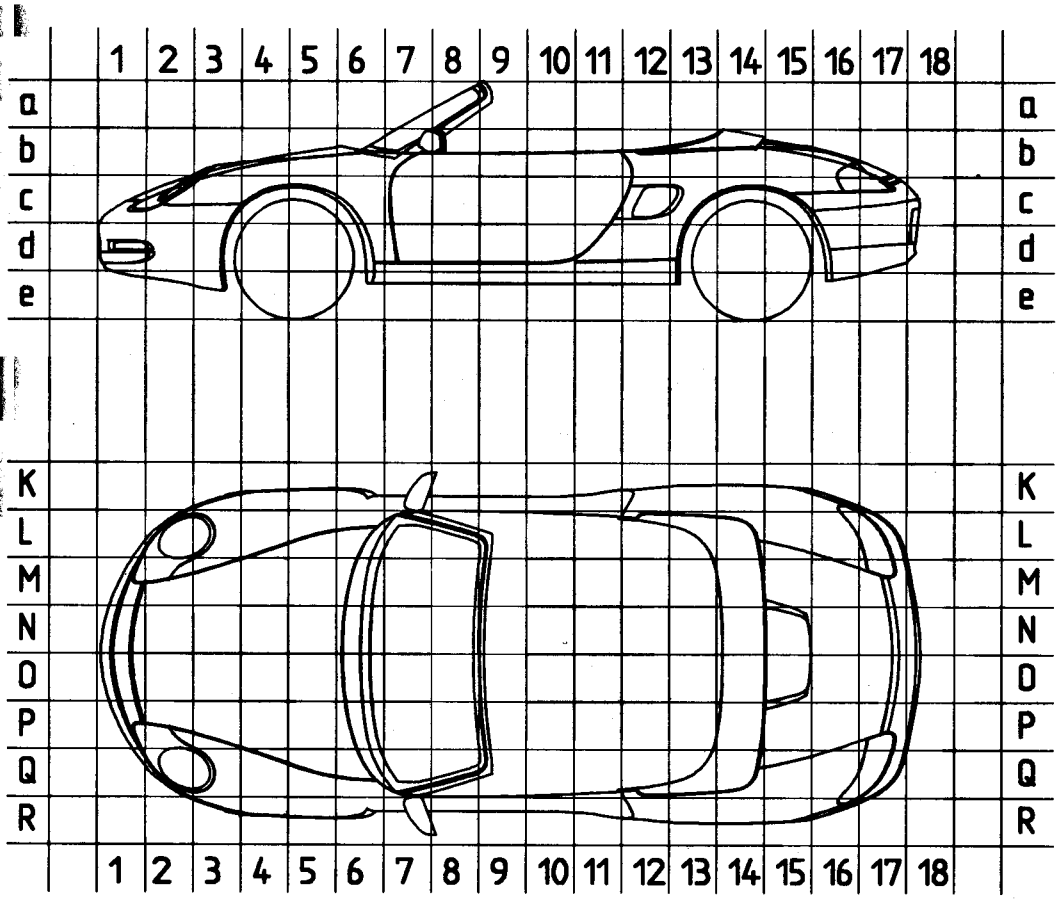
EDO OUTPUT		56 LIGHT SWITCH POSITION	II
TION SWITCH POSITION	0	56a/56b HIGH BEAM/LOW BEAM	
TION SWITCH POSITION	I+II	57 LIGHT SWITCH POSITION	I
M.X DISCHARGING		58 LIGHT SWITCH POSITION	I+II
TION SWITCH POSITION	II+III	58R/58L SIDE MARKER LIGHT RIGHT/LEFT	
TION SWITCH POSITION	I+II+III	58d INSTRUMENT LIGHTS LAMPS BULB/LED	
NOSIS K		31d INSTRUMENT LIGHTS MINUS POTENTIAL LED	
MANENT POSITIVE		Ti INJECTION SIGNAL	
UND		Tn ROTATIONAL SPEED SIGNAL	
P LIGHT		61 GENERATOR D+	

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K	L	M	N	O	P

	CODE	MEANING	CODE	MEANING
ALVE	HA	REAR AXLE	RDW	REST OF WORLD
AL	HF	HIGH FREQUENCY	RFL	BACKUP LIGHT
	HFM	HOT-FILM AIR MASS METER	RL	RIGHT-HAND DRIVE
	HL	REAR LEFT	SA	SAUDI ARABIA
	HR	REAR RIGHT	SG	CONTROL UNIT
	KL	TERMINAL	SI	FUSE
	KLS	COMBINED STEERING COLUMN SWITCH	SILA	SAFETY LAMP
	KS	WIRING LOOM	SRA	HEADLIGHT CLEANING SYSTEM
	KVA	FUEL CONSUMPTION INDICATOR	ST	PLUG
	LED	LIGHT-EMITTING DIODE	TC	TRACTION CONTROL
	LL	LEFT-HAND DRIVE	TEL.MUTE	RADIO MUTING CONTROL
	LWR	HEADLIGHT VERTICAL AIM CONTROL	TI	INJECTION TIME
	ME	MOTRONIK WITH ELECTRON. THROTTLE CONTROL	TN	ENGINE SPEED
	MMI	ENGINE ACTUAL IMPULSE	TS	DISCONNECTING POINT
	MMR	NOMINAL TORQUE	VA	FRONT AXLE
	MP	GROUND POINT	VDKD	LID F CONVERT: TOP HOUSING
	NF	LOW FREQUENCY	VL	FRONT LEFT
	NL	FOG LIGHT	VR	FRONT RIGHT
	NR	NUMBER	VS	CONNECTING POINT
	NSL	REAR FOG LIGHT	WW	WORLDWIDE
	NTC	NEGATIVE TEMPERATURE COEFFICIENT	ZK	IGNITION CIRCUIT
	PDV	DIAGNOSIS PUMP FOR TANK LEAK RECOGNITION DEVICE	ZV	CENTRAL LOCKING SYSTEM
MENT	PIN	PIN		
	POTI	POTENTIOMETER		
	RDK	TIRE PRESSURE CONTROL		



K	L	M	N	O	P

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WELDING POINT

A | B | C | D | E

WELDING POINT IN WL PASSENGER COMP.

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
1	BR	GROUND	7cP	7cM	D164
2	BR	GROUND	7cP	7cM	E164
3					
4	BR	GROUND	7cP	7cM	G164
6	BR	GROUND	7cP	7cM	H164
7	BR	GROUND	10dP	10dP	A169
9			7cP	7cM	G164
16	BR	GROUND	10dM	10dM	K164
17			7cQ	7cL	D154
18	BR	GROUND	7cM	7cP	L133
19			7cM	7cP	M133
20	WT/BK	TERM.56	7cM	7cP	L134
22			7bQ	7bL	H3
29	BR/YE	PARKING BREAK CONTACT	7dQ	7dQ	E14
30	YE/WT	FOG LIGHT ROW	7cO	7cO	N13
31	YE/WT	FOG LIGHT USA/JAPAN	7cQ	7cL	E5
32	BK/WT	TURN SIGNALS LEFT	7cQ	7cL	E5
33	BR/GN	TURN SIGNALS RIGHT	7cO	7cO	K4
34			7cO	7cO	L6
37	BR/GN	BRAKE PAD WEAR DISPLAY FR	7cM	7cM	J19
38	BR/BK	BRAKE PAD WEAR DISPLAY FR	7cM	7cM	J19
39	BL	TERM.61 CHARGE INDICATOR	7cP	7cM	E15
42	GR/BL	TERM.58d	7cM	7cP	M16
46	BR/OR	ANALOG GROUND	7cP	7cM	F14
49	BK/YE	TERM.X	7cP	7cL	C27
53	BR/BK	BRAKE PAD WEAR DISPLAY FL CLUSTER	7cQ	7cQ	H19
54	BR/GN	BRAKE PAD WEAR DISPLAY FL CLUSTER	7cQ	7cQ	H19
55	BR	\ BRAKE PAD WEAR DISPLAY FL	7cQ	7cQ	G19
56	BR	/ GROUND WHEEL CARRIER FR	7cM	7cM	H19
61	GR/GN	REAR WINDOW DEFOGGER	7cQ	7cL	F57
65	BK/GR	TERM.87 RELAY ACTUATION HEATING	7cM	7cP	M46
66			7dQ	9eQ	J84
70	BR/GN/BK	COMFORT OPEN	XX	7cL	H84
71	BR/GN	DOOR CONTACT	XX	7cL	J84
72	GR/WT	ALARM SIREN	7dQ	7dQ	E83
73	BR/YE	DOOR LIGHT	8eQ	9eQ	K87
74	BR/GN/WT	DOOR CONTACT	7cR	XX	H86
75	BL/WT/BR	DOOR LOCKED	10eQ	XX	H85
76	BR/RE	DOOR LOCK UP	10eQ	9eQ	H86
77	BR/WT	DOOR LOCK CLOSE	7cP	9eQ	H84
81	GN/OR	DOOR LOCK CLS MOTOR	7dQ	9eQ	J85
82	BL/YE	DOOR LOCK CLS MOTOR	7dQ	9eQ	J85
88	WT/BR	ESO, RL CLUSTER MFI + DI	6cB	6cB	F96
90	OR/BK	K2 - LEAD	6cQ	6cQ	N118
91	OR/BK	K2 - LEAD	6cQ	6cQ	N118
100	RE/BL	TERM.86 RELAY ELEC.FUEL PUMP	7dQ	7cL	N114
104	OR/BK	K1 - LEAD	9eR	9eR	P119
107	VI/GN	TN-SIGNAL	7dQ	7cL	D117
108	GN/RE	CU AIRBAG CRASH OUTPUT	8eQ	9eR	M126
109	VI/GN	TN-SIGNAL	7dQ	7cL	P117
110	OR/RE	DIAGNOSE AND CONTROL CLUSTER	7cP	7cM	C126
113	RE/GN	TERM.30 TELEPHONE	5cP	5cP	M136

WELDING POINT IN WL PASSENGER COMP

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	PO VE LH
115	BK/YE	TERM.XE SI C 7 CONTROL WIRE	7cQ
119	RE/WT	IGNITION LOCK	7cP
120	RE/BK	TERM.30F6 CURRENT DISTRIBUTOR	7cP
121	RE	GENERAL ON BOARD COMP. NETWORK	7cP
123	BK/YE	TERM.X IGNITION LOCK	7cP
124	BK	TERM.15 IGNITION LOCK	7cP
127	BK/BR	TERM.15 SI B 8	7dQ
129	BK/RE	TERM.15 SI B 10	7dQ
130	RE/BK	TERM.30 M113 DAYTIME RUNNING LIGHT	7dQ
131	RE/GR	TERM.30	7dQ
132	BK	TERM.15 SI B 6	7dQ
133	BK/YE	TERM.X DAYTIME RUNNING LIGHT	7cP
137	YE/BK	D-TELEPHONE MUTE	6cB
138	YE/BK	HANDY MUTE	6cB
139	YE/BK	D-TELEPHONE MUTE	6cB
140	YE/BK	HANDY MUTE	7cL
141	BR/WT	SPEED SENSOR FL	6cP
142	BR/BL	SPEED SENSOR FL	6cP
143	BR/WT	SPEED SENSOR FR	6cP
144	BR/BL	SPEED SENSOR FR	6cP
151	BL/GN/RE	LID LOCK	10e
152	BL/YE/RE	LID LOCK	10
155	BK	LEAD CD-CHANGER	
156	BR	LEAD CD-CHANGER	
157	BR/BL	AUDIO OPTION PACK RADIO LF-WIRE	
161	BL/RE	LHD CU MEMORY LEFT	8eQ
162	WT/YE	LHD CU MEMORY LEFT	8eQ
163	WT	LHD CU MEMORY LEFT	8eQ
164	BL/RE	RHD CU MEMORY RIGHT	XX
165	WT/YE	RHD CU MEMORY RIGHT	XX
166	WT	RHD CU MEMORY RIGHT	XX

WELDING POINT IN WL FRONT END LEFT

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	PO VE LH
1			
2	BR	GROUND	4cQ
3			
4			
5			
6			
7	BK/YE	+ TWO-TONE HORNS	1dM
8	BR	- TWO-TONE HORNS	1dM
9			
10			

WELDING POINT IN WL FRONT END RIGHT

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	PO VE LH
1			
2	BR	GROUND	4c
3			
4			
5			
6			
7			
8			
9			
10			

A | B | C | D | E

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COMP.

POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
7cQ	7cL	G152
7cP	7cM	G158
7cP	7cM	E157
7cP	7cM	D156
7cP	7cM	F157
7cP	7cL	F155
7dQ	7cL	D152
7dQ	7cL	D151
7dQ	XX	E156
7dQ	7cL	L154
7dQ	7cL	D153
7cP	7cM	F157
6cB	6cB	L136
6cB	7cL	J137
6cB	6cB	L135
7cL	7cL	J136
6cP	6cP	F98/N98
6cP	6cP	F97/N97
6cP	6cP	F98/N98
6cP	6cP	F97/N97
10eQ	10eQ	N83
10eQ	10eQ	N83
		B133/F133
		B134/F134
		F135
8eQ	XX	D142
8eQ	XX	D144
8eQ	XX	C144
XX	9eL	K142
XX	9eL	J144
XX	9eL	J144

FT

POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
4cQ	4cQ	B164
1dM	1dM	D22
1dM	1dM	E22

HT

POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
4cL	4cL	A164

WELDING POINT IN WL REAR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1	BR	GROUND	15cP	15cP	D169
10					
11					
12					
13	BK/OR	STOP LIGHT	15cP	15cP	N8
14					
15					
16					
20					
21					
22	BK	TERM.87 REL. IGNITION /OXYGEN SENSOR	15cQ	15cQ	J113
23					
24					
25	RE/GN	TERM.30 RELAY MFI+DI	15cQ	15cQ	L114
26	RE/BL	TERM.87 RELAY MFI+DI	15cQ	15cQ	L114
27					
28					
29					
30					
40					
41					
42					
43	BR/GN	BRAKE PAD WEAR DISPLAY RL	15 cQ	15 cQ	F19
44	BR	BR.PAD W.DISP. RL GROUND WHEEL CARRIER	15 cQ	15 cQ	F19
45					
46					
47					
48					
49					
50					

WELDING POINT IN WL DOOR DRIVER'S SIDE

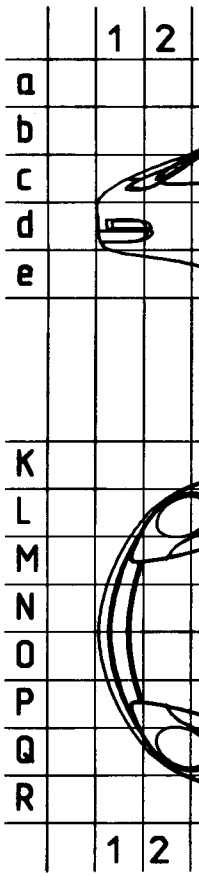
CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1					
2	BR	GROUND	9cR	9cK	F89
3	BR/GN	DOOR CONTACT	9cR	9cK	F89
4	BL/WT/BR	DOOR LOCKED	9cR	9cK	F89
5					
6					
7					
8					
9					
10					

WELDING POINT IN WL DOOR PASSENGER'S SIDE

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1					
2	BR	GROUND	9cK	9cR	F82
3	BR/GN	DOOR CONTACT	9cK	9cR	F82
4	BL/WT/BR	DOOR LOCKED	9cK	9cR	F82
5					
6					
7					
8					
9					
10					

WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION
1	BL/RE	GROUND OXYGEN SENSOR
2	BK	TERM.15 OXYGEN SENSOR
3	BR/PK	GROUND SENSORS
4	BR	GROUND SHIELD
5	BR	GROUND IGNITION CYL.1-3 GP 12
6	BR	GROUND IGNITION CYL.4-6 GP 11
7		
8	RE/VI	5V-SUPPLY
9	RE/BL	VALVE SUPPLY
10	BK	TERM.15E FUEL INJECTORS
11	GR/GN	SUPPLY SECONDARY AIR PUMP
12		
13		
14	BR	GROUND KNOCK SENSORS
15		
16		
17		
18	BK/BL	TERM.15 CU TIPTRONIC
19		
20	BR	TERM.31 CU TIPTRONIC
21	PK/BK	SWITCH LIFTING WIRE 1
22	BL/YE	SWITCH LIFTING WIRE 2
23	BL/WT	SWITCH LIFTING WIRE 3
24	BL/BK	SWITCH LIFTING WIRE 4
25		
26		
27	YE/BL	SUPPLY SOLENOID VALVE
28		
29		
30		



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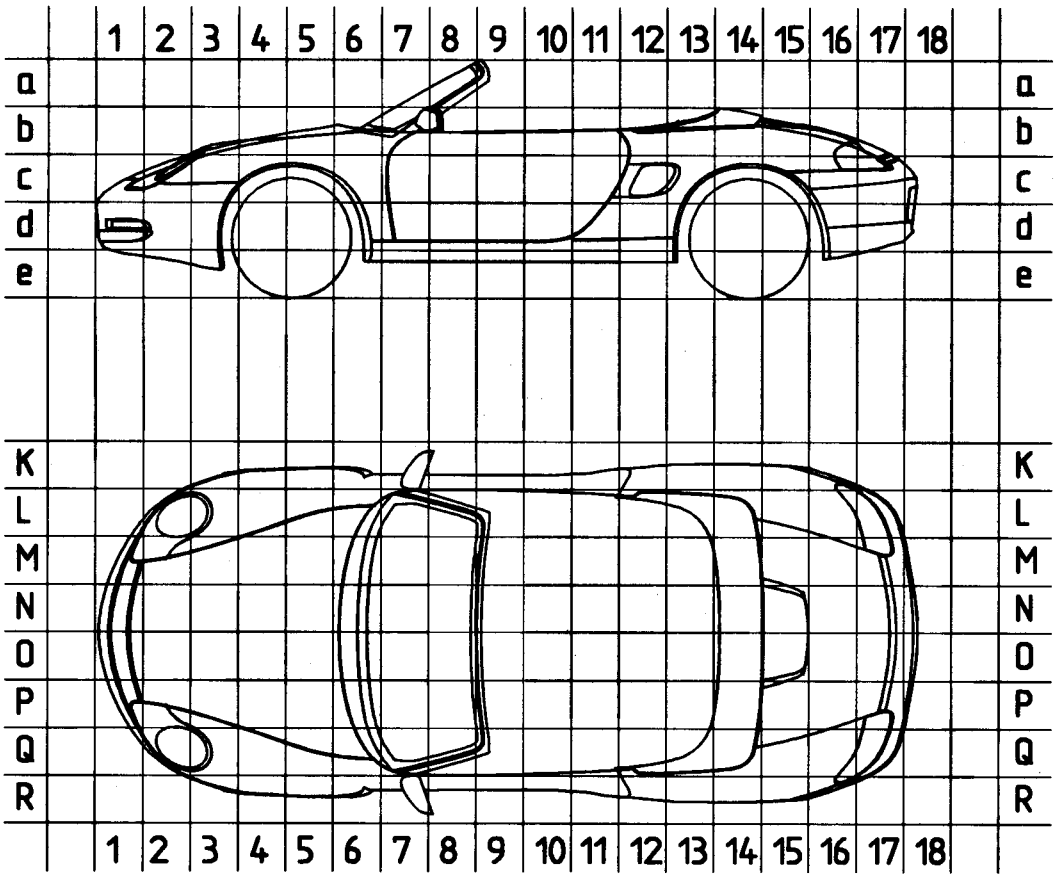
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WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1	BL/RE	GROUND OXYGEN SENSOR	14cN	14cN	H113
2	BK	TERM.15 OXYGEN SENSOR	14cN	14cN	F112
3	BR/PK	GROUND SENSORS	14cN	14cN	C118
4	BR	GROUND SHIELD	14cN	14cN	E112
5	BR	GROUND IGNITION CYL.1-3 GP 12	14cN	14cN	B111
6	BR	GROUND IGNITION CYL.4-6 GP 11	14cN	14cN	B114
7					
8	RE/VI	SV-SUPPLY	14cN	14cN	C119
9	RE/BL	VALVE SUPPLY	14cN	14cN	J119
10	BK	TERM.15E FUEL INJECTORS	14cO	14cO	H119
11	GR/GN	SUPPLY SECONDARY AIR PUMP	14cO	14cO	G114
12					
13					
14	BR	GROUND KNOCK SENSORS	14cN	14cN	C117
15					
16					
17					
18	BK/BL	TERM.15 CU TIPTRONIC	15cM	15cM	G103
19					
20	BR	TERM.31 CU TIPTRONIC	15cM	15cM	E104
21	PK/BK	SWITCH LIFTING WIRE 1	13dM	13dM	E105
22	BL/YE	SWITCH LIFTING WIRE 2	13dM	13dM	E105
23	BL/WT	SWITCH LIFTING WIRE 3	13dM	13dM	E105
24	BL/BK	SWITCH LIFTING WIRE 4	13dM	13dM	E105
25					
26					
27	YE/BL	SUPPLY SOLENOID VALVE			C106
28					
29					
30					

WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
31	RE/WT	OXYGEN SENSOR UPSTR.CAT.	16cN	16cN	G113
32	BR/OR	OIL LEVEL SENSOR	16cN	16cN	K14
33					
34					
35					
36					
37					
38					
39					
40	RE/GR	HALL SENSOR	16cN	16cN	C116
41					
42					
43					



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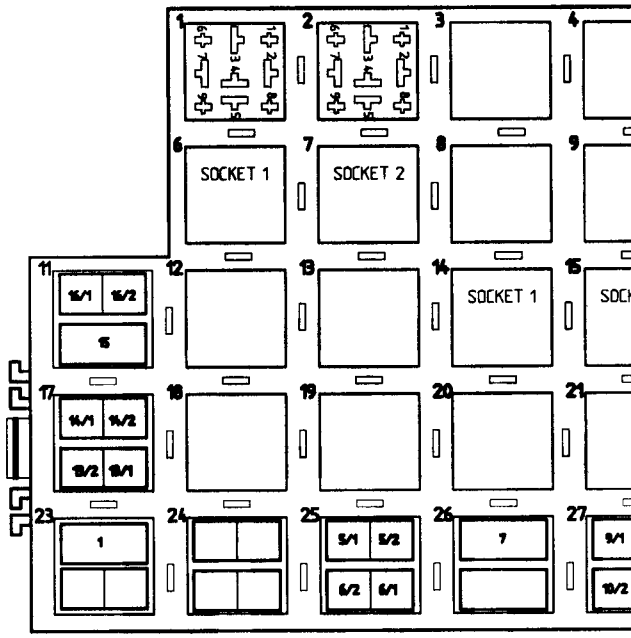
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RELAY SUPPORT 1 RELAY SUPPORT 2

A B C D E

RELAY SUPPORT



RELAY

PLUG POSITION	DESIGNATION	PORSCHE-NUMBER	M-NO.	NOTE
1	--- --- --- --	--- --- --- --		
2	--- --- --- --	--- --- --- --		
3	FLASHER	191.953.227.D		
4	REAR WINDOW DEFOGGER / MIRROR	996.615.117.00		
5	CHANGEOVER RELAY TELEPHONE SPEAKER	999.657.005.90		
6	CU DAYTIME RUNNING LIGHT	996.615.111.00	M 113	DOUBLE RELAY
7	CU DAYTIME RUNNING LIGHT	--- --- --- --		
8	CU HEADLIGHT WASHING	996.618.113.00	M 288	
9	TERM.XE	141.951.253.B		
10	TWO-TONE HORNS	141.951.253.B		
12	FOG LIGHT USA / JAPAN	431.951.253.G	M 193 M 553	
13	FUEL PUMP	996.615.101.00		
14	CU POWER TOP	986.618.111.00		DOUBLE RELAY
15	CU POWER TOP	--- --- --- --		
16	WIPER INTERMITTENT CONTROL	986.615.103.00		
18	ACTUATION HEATING	141.951.253.B		
19	RADIATOR FAN 1 STAGE 1	141.951.253.B		
20	RADIATOR FAN 1 STAGE 2	141.951.253.B		
21	RADIATOR FAN 2 STAGE 1	141.951.253.B		
22	RADIATOR FAN 2 STAGE 2	141.951.253.B		

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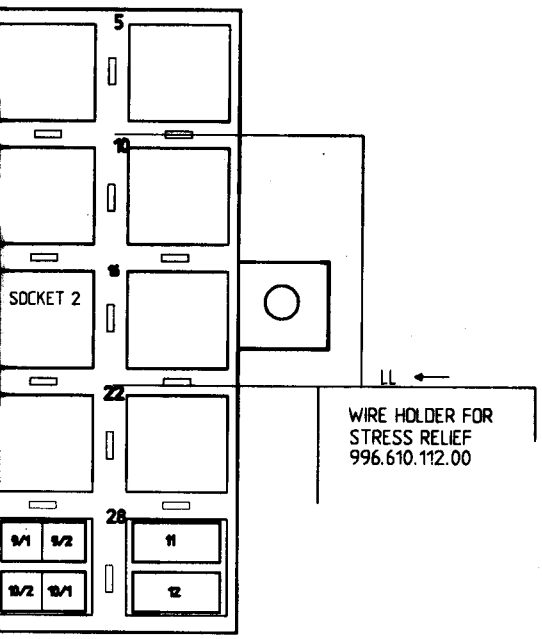
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A B C D E

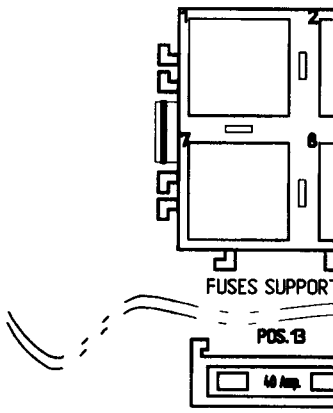
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ORT 1



VIEW OF SIDE OF



POTENTIAL DISTRIBUTOR BRIDGE PLUG

PLUG POSITION	NAME	COLOR	POTENTIAL	NAME	COLOR	POTENTIAL	NOTE
11	BS. 16/1	BR	TERM.31 SI B 8 GP 4	BS. 16/2	BK/OR	TERM.15 SI B 5	8 PINS
11	BS. 15	GR/RE	TERM.58d LED				8 PINS
17	BS. 13/1	OR	TERM.86S SI E 1	BS. 13/2	BK/OR	TERM.15	ONLY 996
17	BS. 14/1	BK/YE	TERM.X WIPER	BS. 14/2	BK	TERM.15 STOP LIGHT FUSE INPUT	ONLY 996
23	BS. 1	GR/PK	TERM. SPEEDOMETER A				8 PINS
23	BS. 2/1	NOT USED		BS. 2/2	NOT USED		
24	BS. 3/1	NOT USED		BS. 3/2	NOT USED		
24	BS. 4/1	NOT USED		BS. 4/2	NOT USED		
25	BS. 5/1	WT	TERM.56a	BS. 5/2	BK/OR	TERM.54 STOP LIGHT	
25	BS. 6/1	NOT USED		BS. 6/2	GR/BL/BR	TERM.31d LED	
26	BS. 7	RE/BK	CONSUMER SWITCHED OFF				8 PINS
26	BS. 8	OR/BL	LEAD		NOT USED		8 PINS
27	BS. 9/1	RE/BR	TERM.30 CLS	BS. 9/2	RE/BK	TERM.30 SI B 1	
27	BS. 10/1	GR	TERM.58 SI A 5	BS. 10/2	NOT USED		
28	BS. 11	BK/BR	TERM.15				
28	BS. 12	BR	TERM.31 GP 3				8 PINS

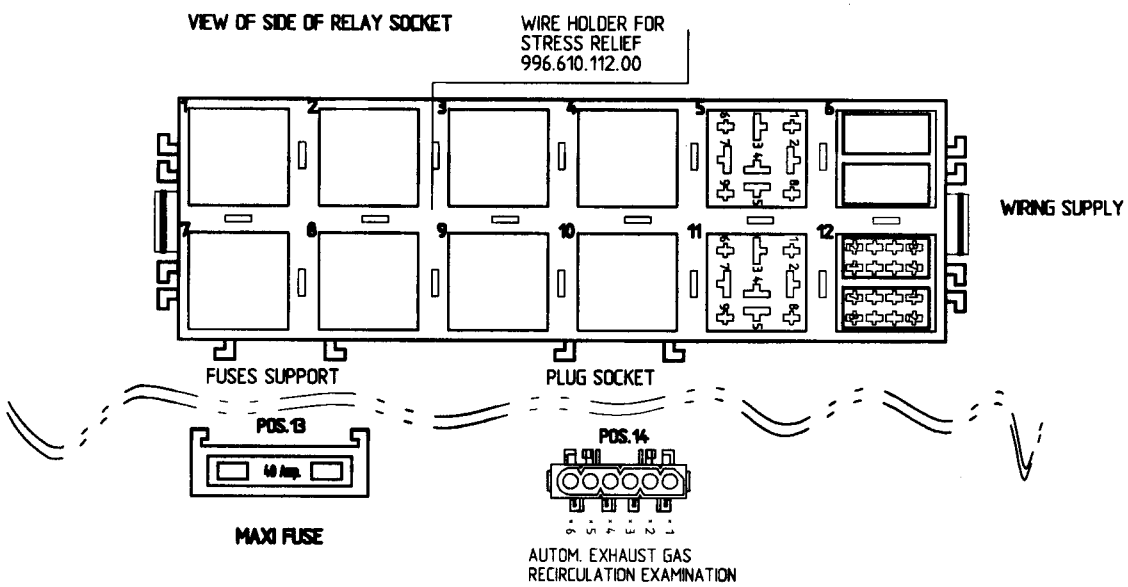
RELAY

PLUG POSITION	NAME
1	
2	
3	
4	
5	
7	
8	
9	
10	
11	
6	BS. 20/1
12	
13	
14	

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RELAY SUPPORT 2



RELAY POTENTIAL DISTRIBUTORBRIDGE PLUG

PLUG POSITION NAME	DESIGNATION	PORSCHE-NUMBER	M-NO.	NOTE
1	RELAY MFI+DI	141.951.253.B		
2	IGNITION / OXYGEN SENSOR	141.951.253.B		
3	SPOILER EXTENSION	996.615.102.00		
4	AIR COMPRESSOR	964.615.215.00	M 573	
5	--- --- --- --	--- --- --- --		
7	START LOCK	996.615.110.00	M009	
	ENGINE COMPARTMENT CLEANER FAN	141.951.253.B	M008	
8	SPOILER RETRACTION	141.951.253.B		
9	SECONDARY AIR PUMP	996.615.102.00		
10		993.615.115.00	M 661	
11	--- --- --- --	--- --- --- --		
6 BS. 20/1	BK/BL BACKUP LIGHT			4-PIN
12	--- --- --- --	--- --- --- --		
13	MAXI FUSE FOR SECONDARY AIR PUMP		M 661	40 AMP.
14	TEST PLUG FOR AUTOM. EXHAUST GAS RECIRCULATION EXAMINATION			1 SIGNAL 2 TERM.31 GROUND 6 TN-SIGNAL

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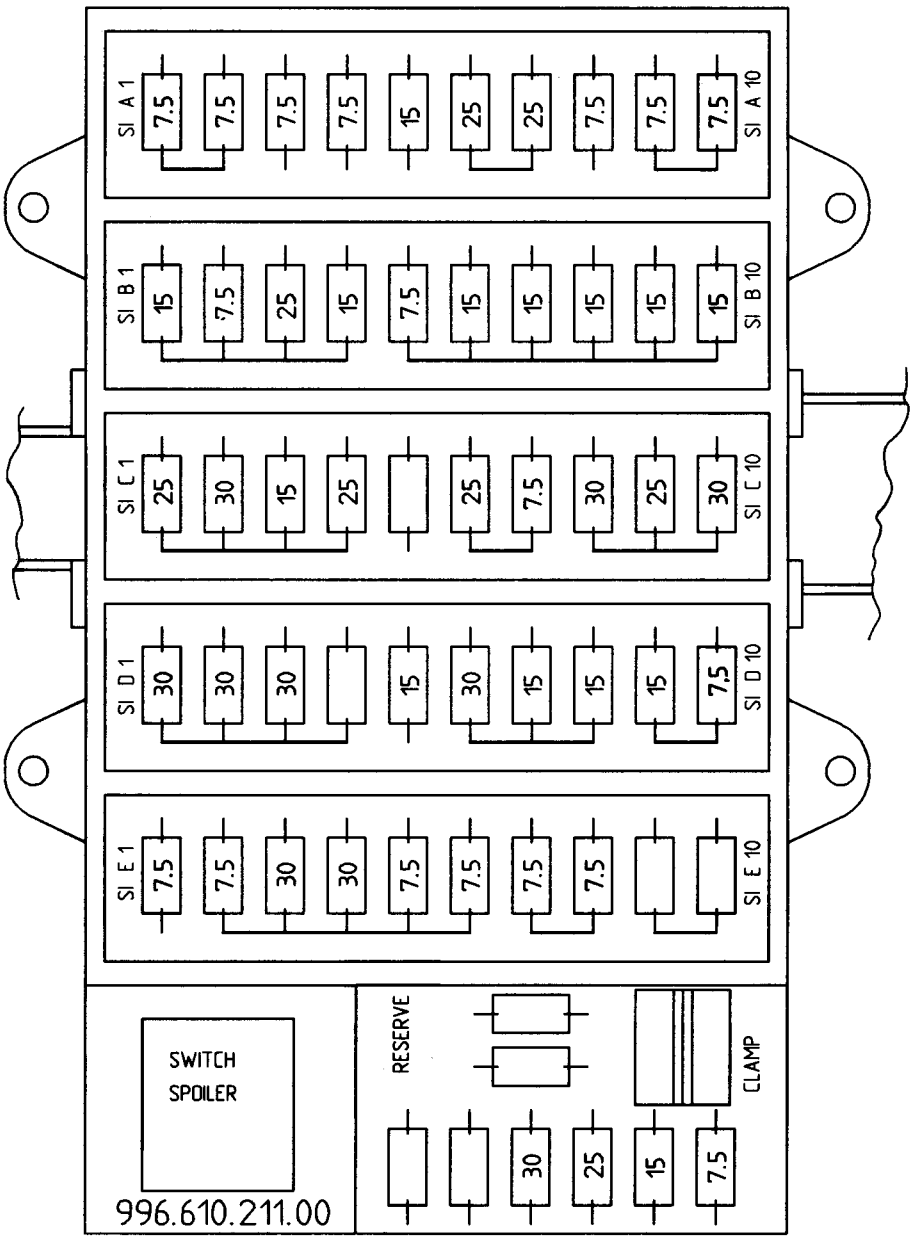
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FUSES

A B C D E

FUSES SUPPORT

TOP VIEW



FUSES		
COLOR	VALUE	PORSCHE-NUMBER
BROWN	7,5 A	999.607.056.00
BLUE	15 A	999.607.058.00
WHITE	25 A	999.607.060.00
GREEN	30 A	999.607.061.00

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FUSE HOLDER A

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI A 1	7,5 A	HIGH BEAM RIGHT	
SI A 2	7,5 A	HIGH BEAM LEFT	
SI A 3	7,5 A	SIDE MARKER LIGHT RIGHT	
SI A 4	7,5 A	SIDE MARKER LIGHT LEFT	
SI A 5	15 A	LICENSE PLATE LIGHTS INSTRUMENT LIGHTS	
SI A 6	25 A	SEAT HEATER	M139/M340
SI A 7	25 A	FOG LIGHT REAR FOG LIGHT	
SI A 8	7,5 A	LICENSE PLATE LIGHTS CANADA	M113
SI A 9	7,5 A	LOW BEAM RIGHT	
SI A 10	7,5 A	LOW BEAM LEFT	

FUSE HOLDER C

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI C 1	25 A	RELAY MFI+DI	
SI C 2	30 A	RELAY IGNITION OXYGEN SENSOR	
SI C 3	15 A	CU CL/ALARM POWER WINDOW	
SI C 4	25 A	RELAY FUEL PUMP	
SI C 5			
SI C 6	25 A	WIPER	
SI C 7	7,5 A	TERM.X CONTROL WIRES	
SI C 8	30 A	RADIATOR FAN 2	
SI C 9	25 A	HEADLIGHT CLEANING SYSTEM	M288
SI C 10	30 A	RADIATOR FAN 1	

FUSE HOLDER E

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI E 1	7,5 A	TERM.86S CU CL/ALARM RADIO CLUSTER	
SI E 2	7,5 A	CU MEMORY	M537 / M538
SI E 3	30 A	BACKREST CONTROL SEAT LEFT CU MEMORY	M537
SI E 4	30 A	BACKREST CONTROL SEAT RIGHT CU MEMORY	M538
SI E 5	7,5 A	INFOSYSTEM	M662
SI E 6	7,5 A	TERM.30 TELEPHONE / HANDY CU NAVIAGTION	M614 / M618
SI E 7	7,5 A	AIR CONDITIONING SYSTEM	M573
SI E 8	7,5 A	TERM.15TELEPHONE/ HANDY / INFOSYSTEM	M614 / M618 / M662
SI E 9			
SI E 10			M249

FUSE HOLI

FUSE NO.	VALU
SI B 1	15 A
SI B 2	7,5 A
SI B 3	25 A
SI B 4	15 A
SI B 5	7,5 A
SI B 6	15 A
SI B 7	15 A
SI B 8	15 A
SI B 9	15 A
SI B 10	15 A

FUSE HOLI

FUSE NO.	VALU
SI D 1	30 A
SI D 2	30 A
SI D 3	30 A
SI D 4	
SI D 5	15 A
SI D 6	30 A
SI D 7	15 A
SI D 8	15 A
SI D 9	15 A
SI D 10	7,5 A

FUSE HOLI

FUSE NO.	VALU
M F 1/1	40 A

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FUSE HOLDER B

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI B 1	15 A	INSTRUMENT CLUSTERTIPTRONIC BUTTON ASR E/A DIAGNOSIS	
SI B 2	7,5 A	RADIO	
SI B 3	25 A	TWO-TONE HORNS	
SI B 4	15 A	ENGINE COMPARTMENT CLEANER FAN	
SI B 5	7,5 A	BACKUP LIGHT CU MEMORY MIRROR ADJUSTMENT	
SI B 6	15 A	CU POWER TOP TURN SIGNALS PW TIPP	
SI B 7	15 A	STOP LIGHT CRUISE CONTROL	
SI B 8	15 A	CU CL/ALARM CU DME CU TIPTRONIC	
SI B 9	15 A	CU ABS TRACTION CONTROL	
SI B 10	15 A	INSTRUMENT CLUSTERDIAGNOSIS	

FUSE HOLDER D

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI D 1	30 A	POWER WINDOW	
SI D 2	30 A	REAR WINDOW / MIRROR DEFOGGER	
SI D 3	30 A	CONVERTIBLE TOP DRIVE	
SI D 4			
SI D 5	15 A	CIGAR LIGHTER	
SI D 6	30 A	RELAY HEATER	
SI D 7	15 A	HAZARD-WARNING LIGHT SWITCH CU DME	
SI D 8	15 A	SPOILER EXTEND	
SI D 9	15 A	AUDIO OPTION PACK	M490
SI D 10	7,5 A	MOUNTING POINT FOR RETROFIT WARNING MAXIMUM OF 5 A	

FUSE HOLDER VARIOUS

FUSE NO.	VALUE	DESIGNATION	M-NO.
M F 1/1	40 A	MAXI FUSE SECONDARY AIR PUMP	M 661
		ON RELAY SUPPORT 2	LITTLE FUSE 999.607.011.00

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Wiring Diagram Boxster Model 99

	Coordinates	
Sheet 1	1 - 10	Lights RoW
Sheet 2	1 - 10	Lights USA/Canada
Sheet 3	11 - 20	Instrument Cluster, Sensor
Sheet 4	21 - 30	Wipe- and Wash Cleaners, Two-Tone Horns, Power Window
Sheet 5	41 - 50	Engine Cooling, Heating, Air Conditioning System
Sheet 6	51 - 60	Mirror Adjustment, Seat Heating, Rear Window Defogger
Sheet 7	61 - 70	Convertible Top Drive
Sheet 8	71 - 80	Spoiler Extend, Parking Assistant
Sheet 9	81 - 90	Central Locks, Alarm System, Interior Monitoring
Sheet 10	91 - 100	ABS
Sheet 11	101 - 110	Tiptronic
Sheet 12	111 - 120	DME, Motorelectronic
Sheet 13	121 - 130	Cruise Control, Airbag
Sheet 14	131 - 140	Radio, Telephone
Sheet 14A	131 - 140	PCM
Sheet 15	141 - 150	Seat- and Mirror Memory
Sheet 16	151 - 160	Power Supply
Sheet 17	161 - 170	Ground Points
Sheet 18		Construction Components
Sheet 19		Connectors and Abbreviations
Sheet 20		Welding Point
Sheet 21		Relay Support
Sheet 22		Fuses

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Wiring Diagram Boxster Model 99

The wiring diagram consists of individual wiring diagrams and overview sheets for ground points, components, plugs, connector points, relay holders an fuses. The individual wiring diagrams are divided up into coordinate fields.

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

The connectors are identified by an X and a number.

Wherever wires branch to another page, the coordinates and, in certain cases, the terminal markings are indicated.

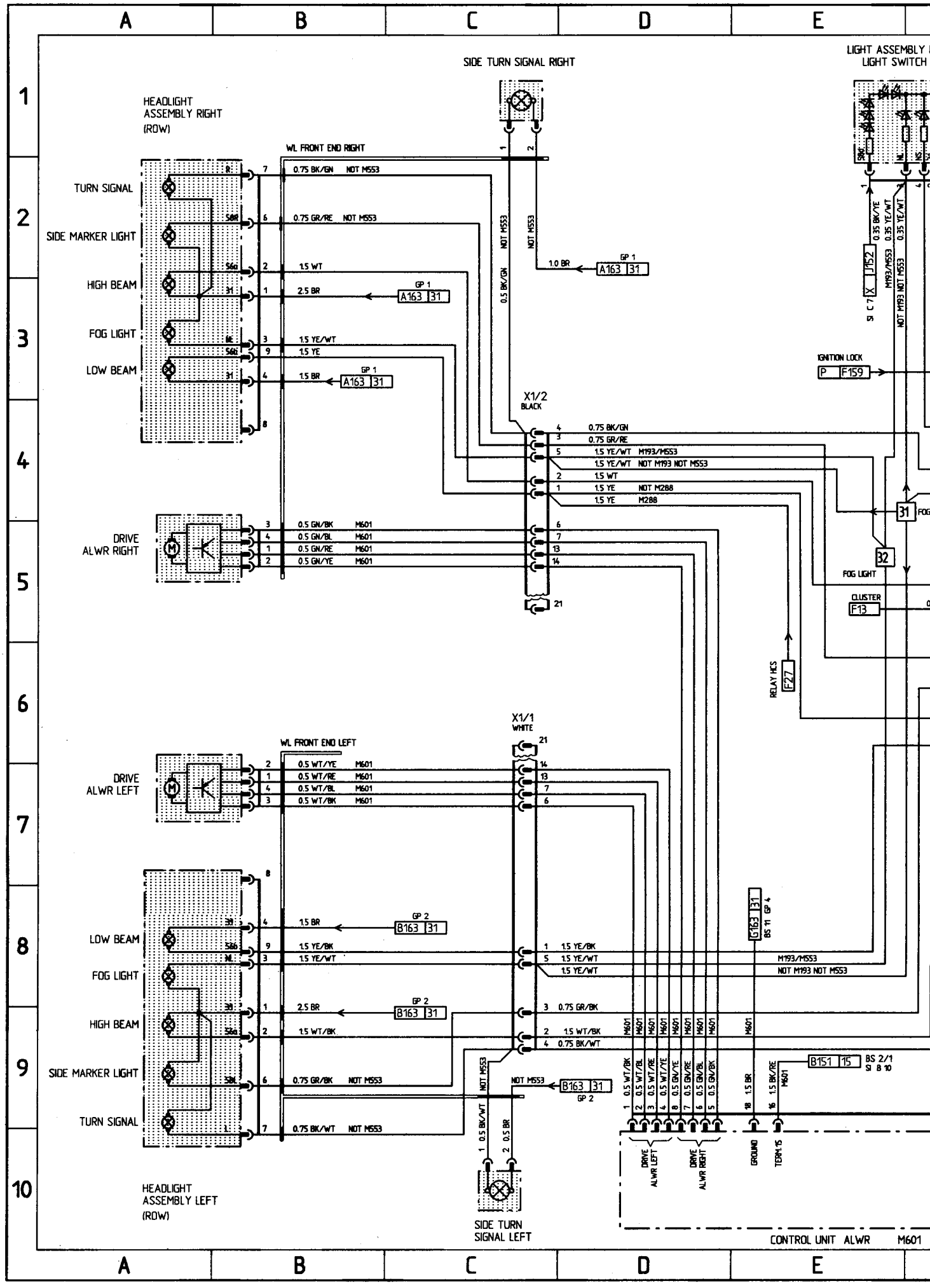
The feed wire of wire joints and bridge connectors is indicated by an arrow.

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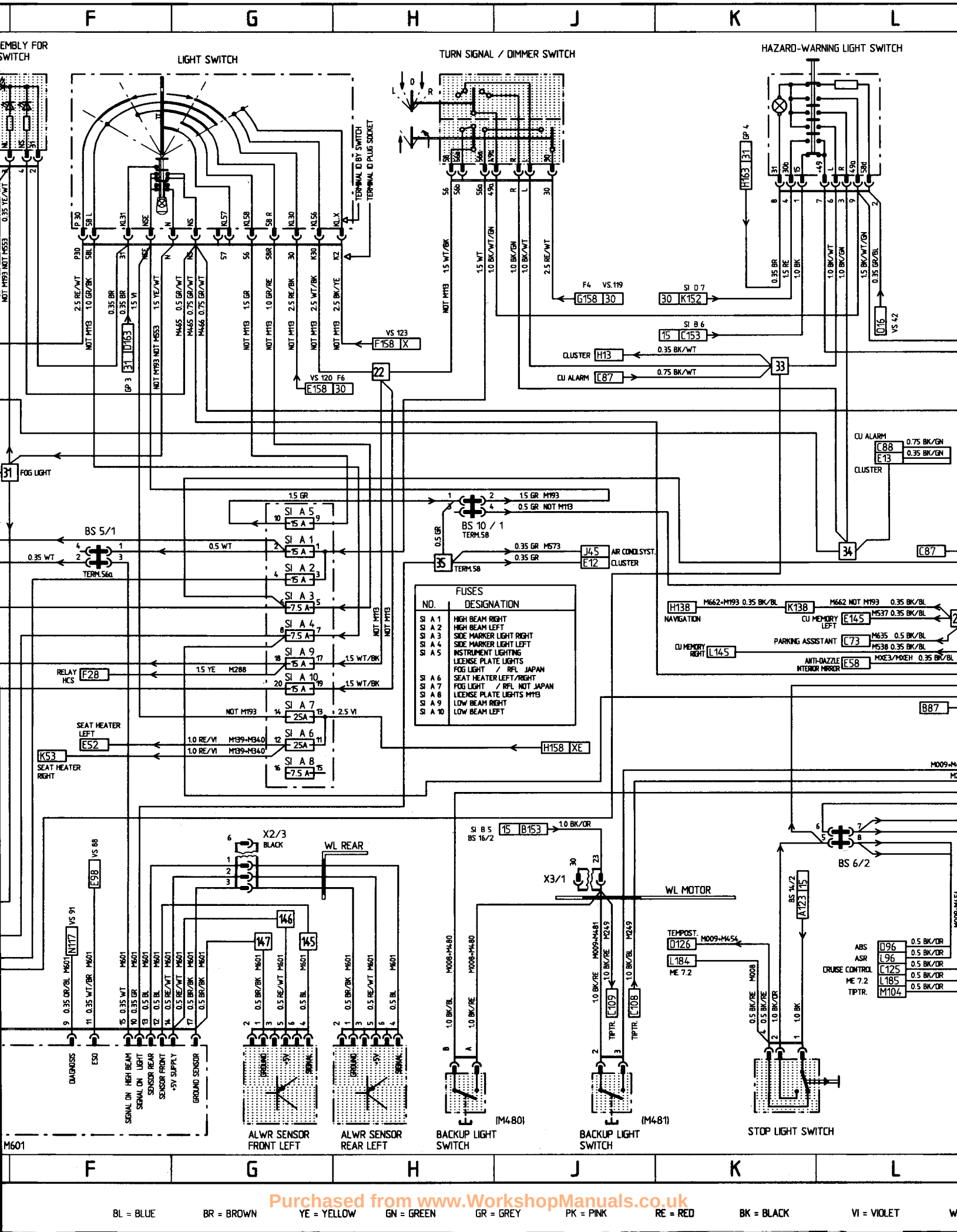
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LIGHTS ROW



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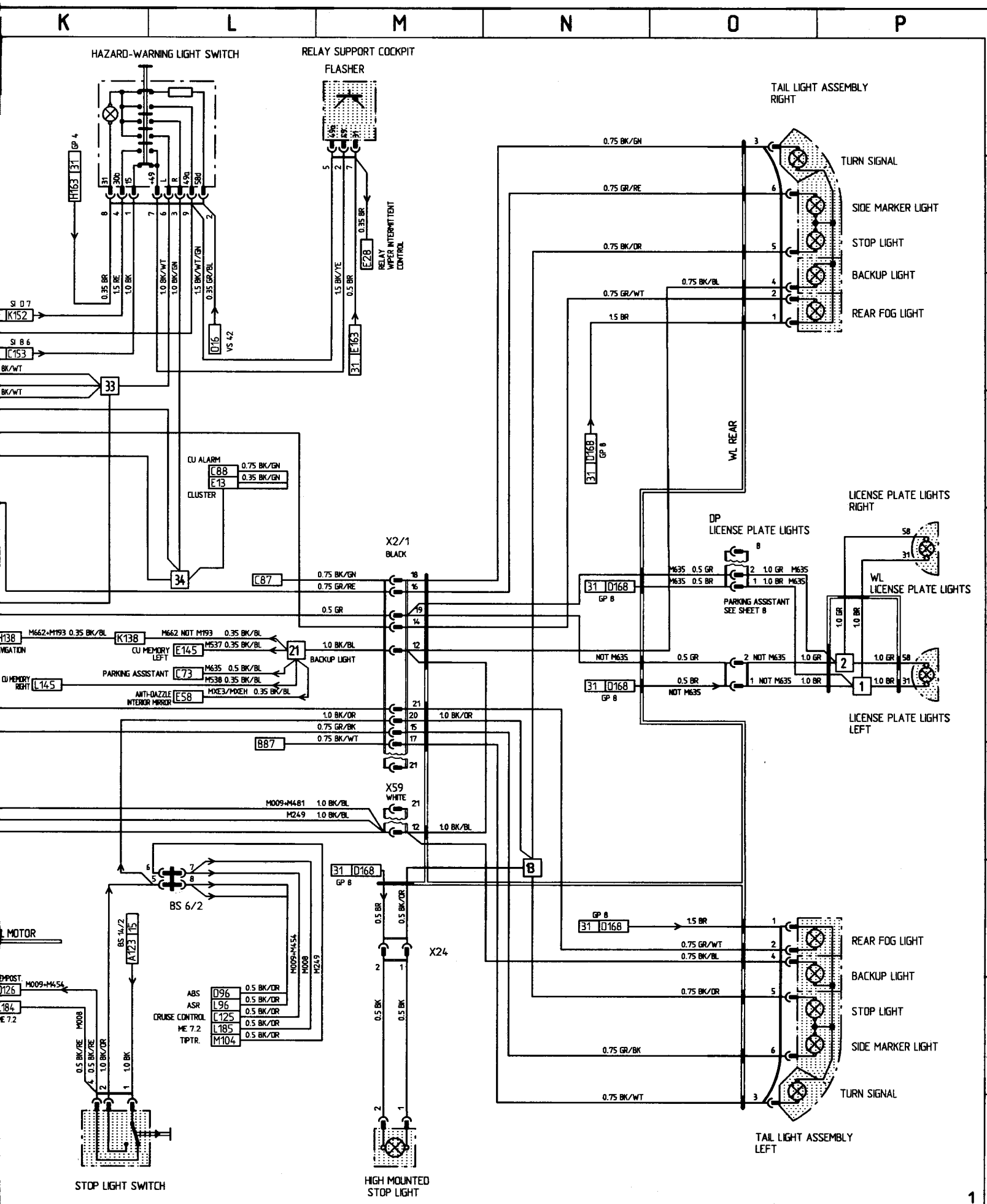
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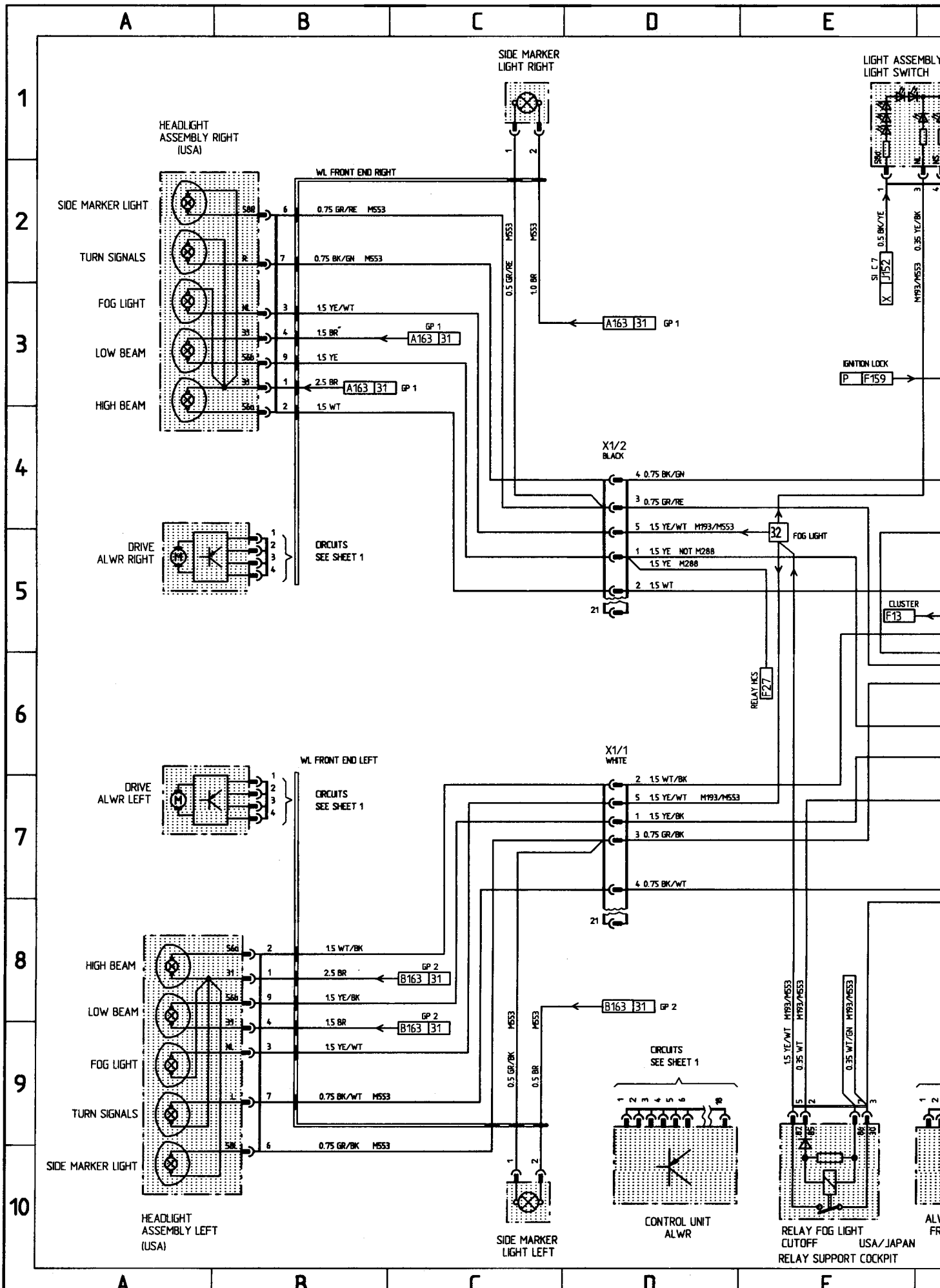
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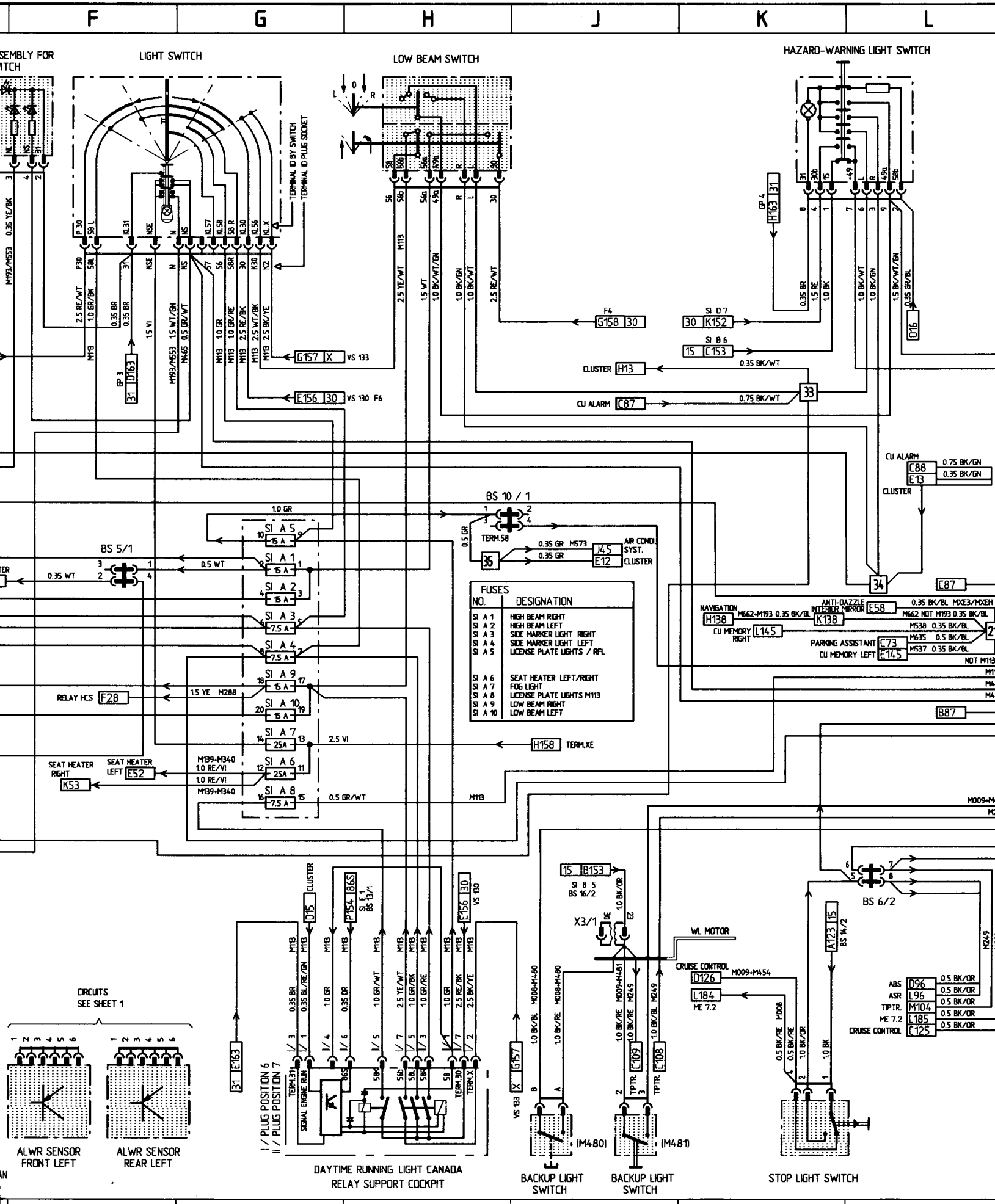
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LIGHTS USA / CANADA



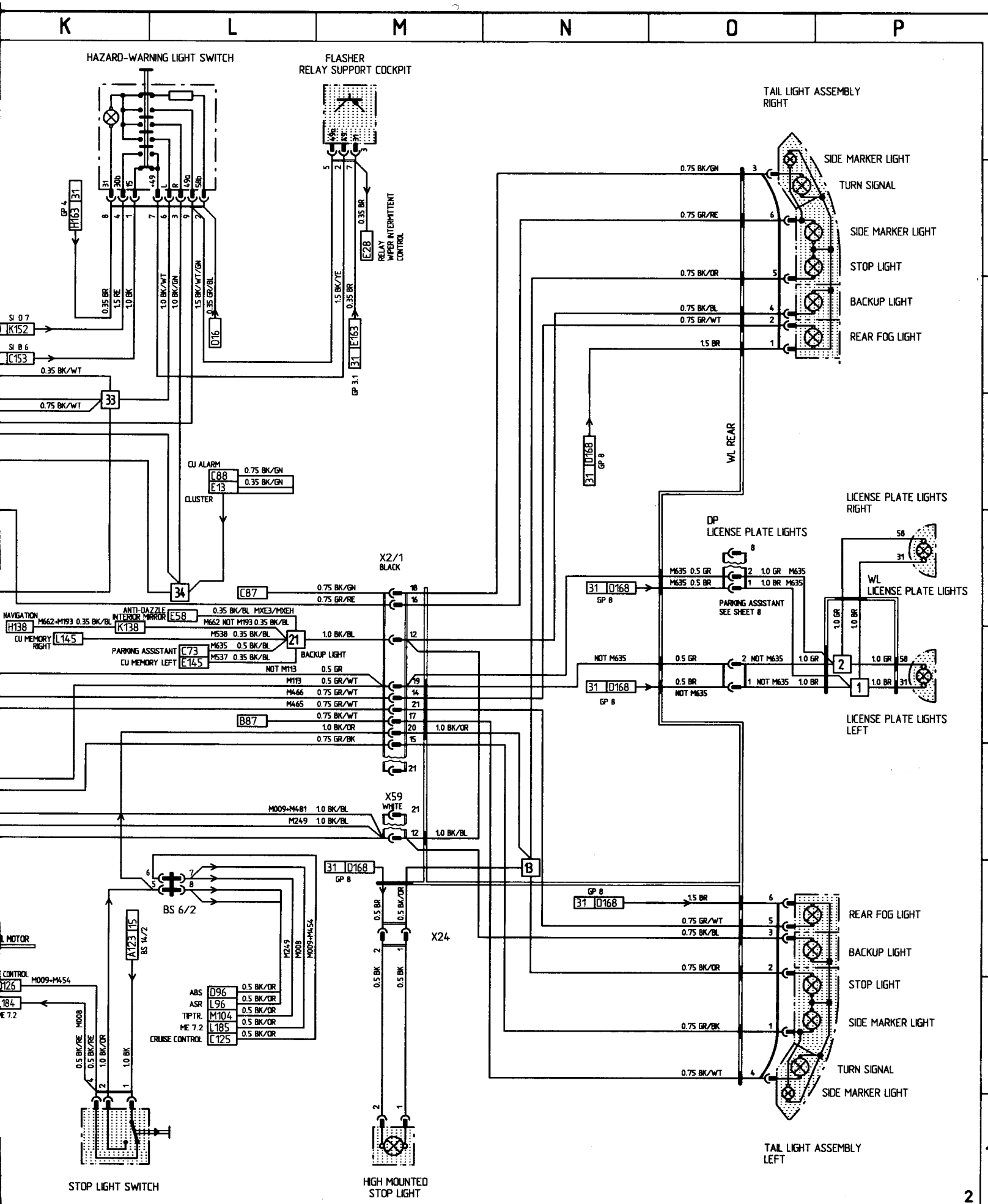
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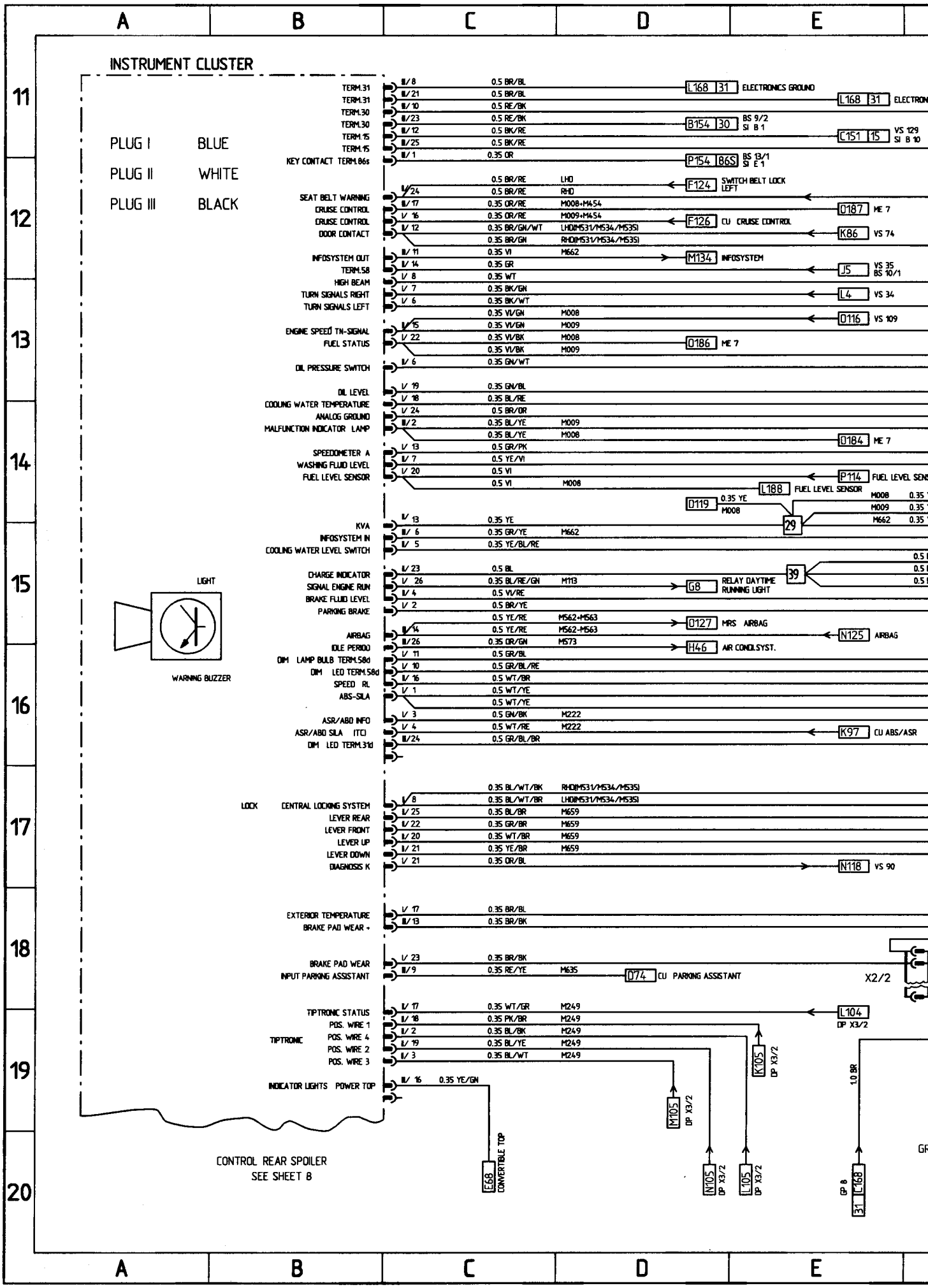


RED BK = BLACK VI = VIOLET WT = WHITE

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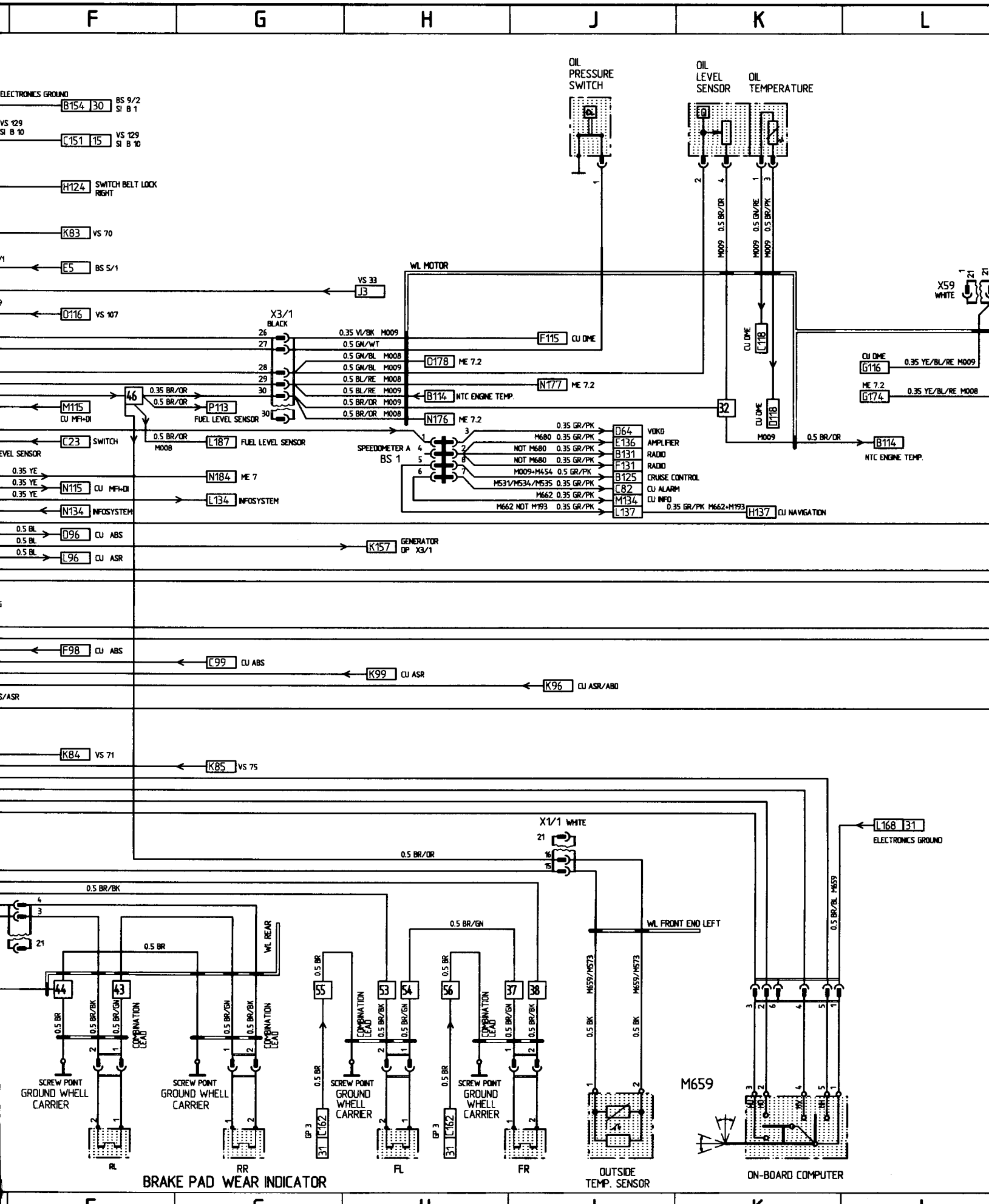
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INSTRUMENT CLUSTER AND SENSOR



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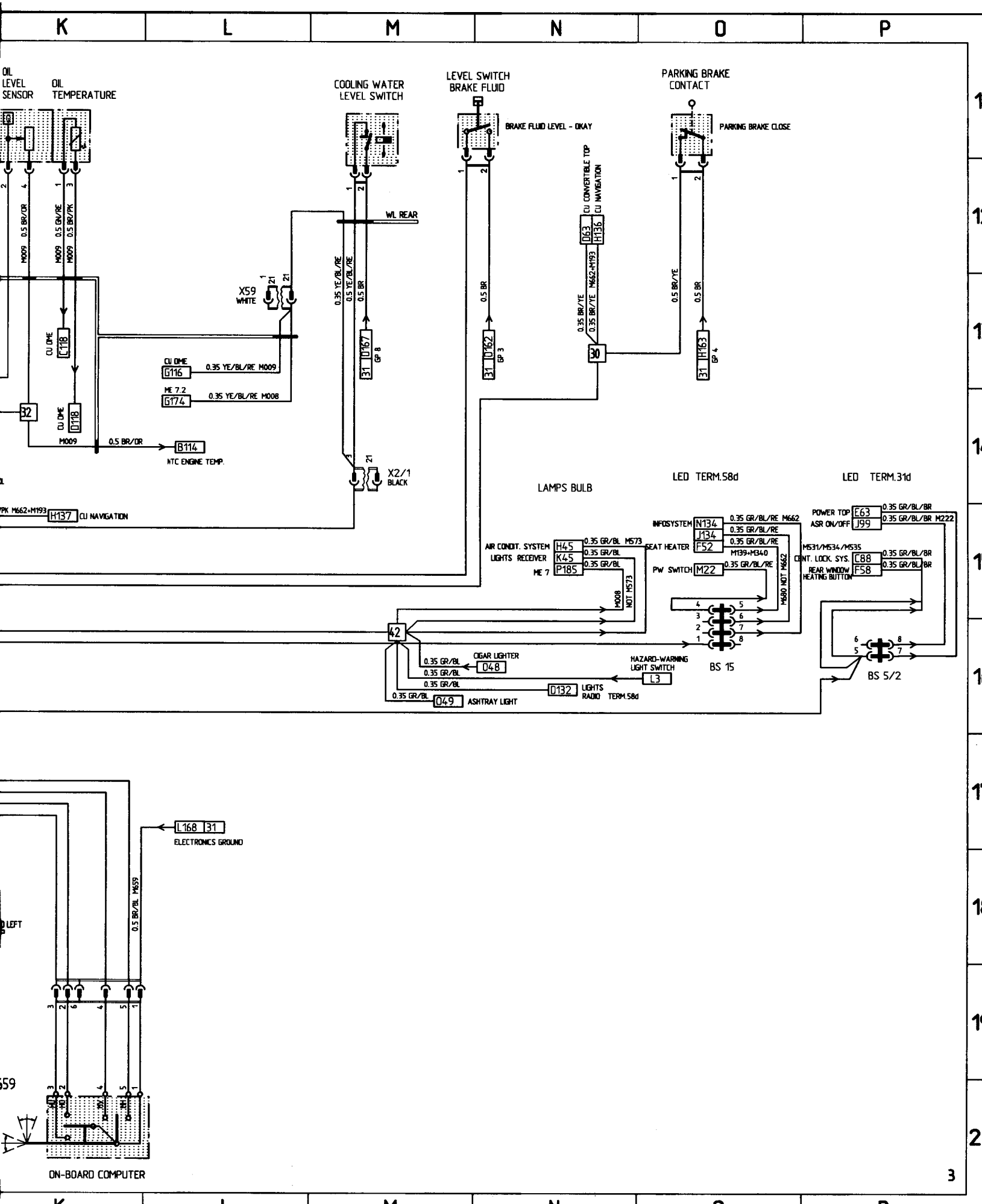
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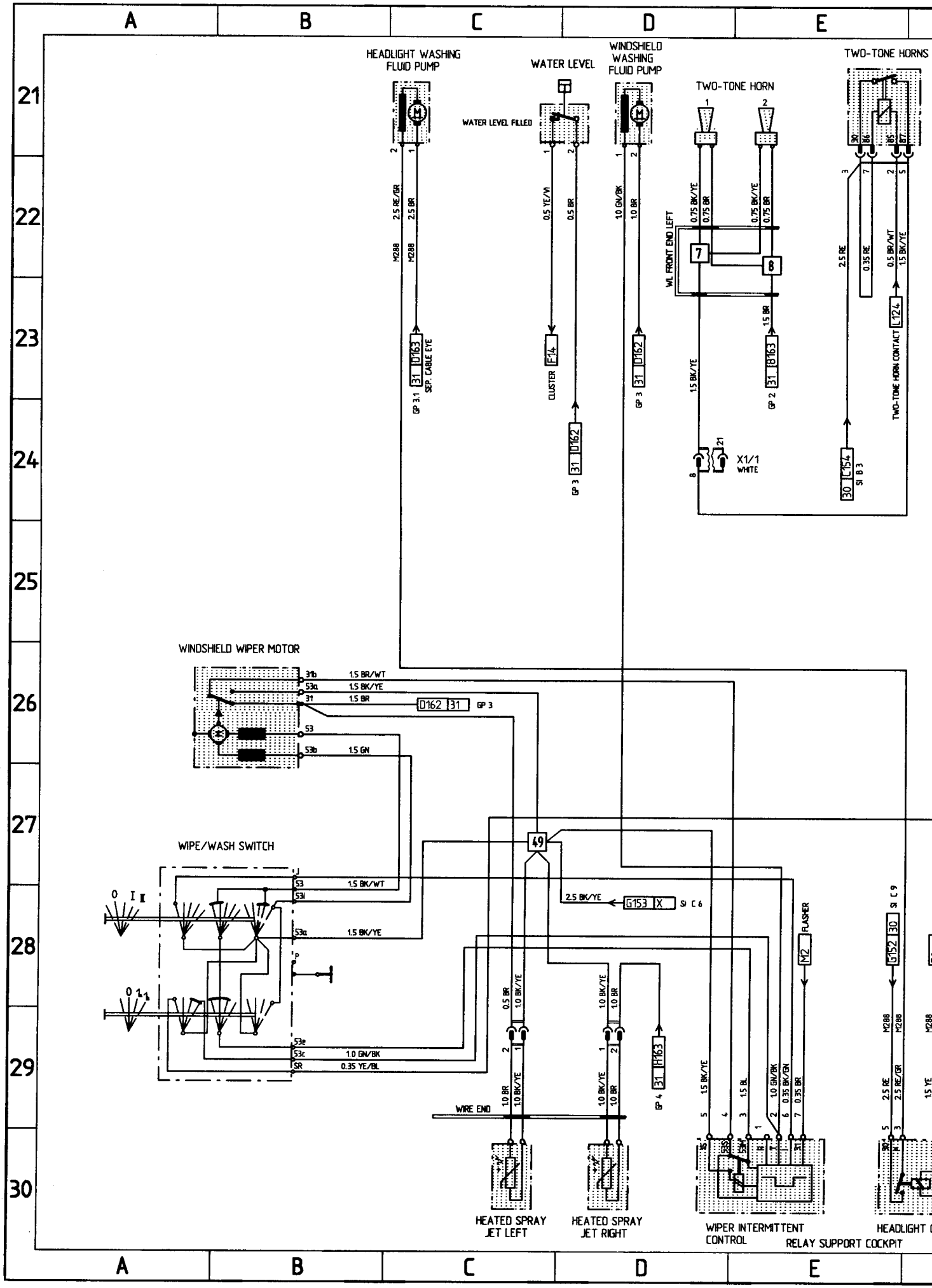


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Boxster MODEL 99 SHEET 4

www.WorkshopManuals.co.uk

WIPE- AND WASH CLEANERS, TWO-TONE HORNS, POWER WINDOW, MIRROR



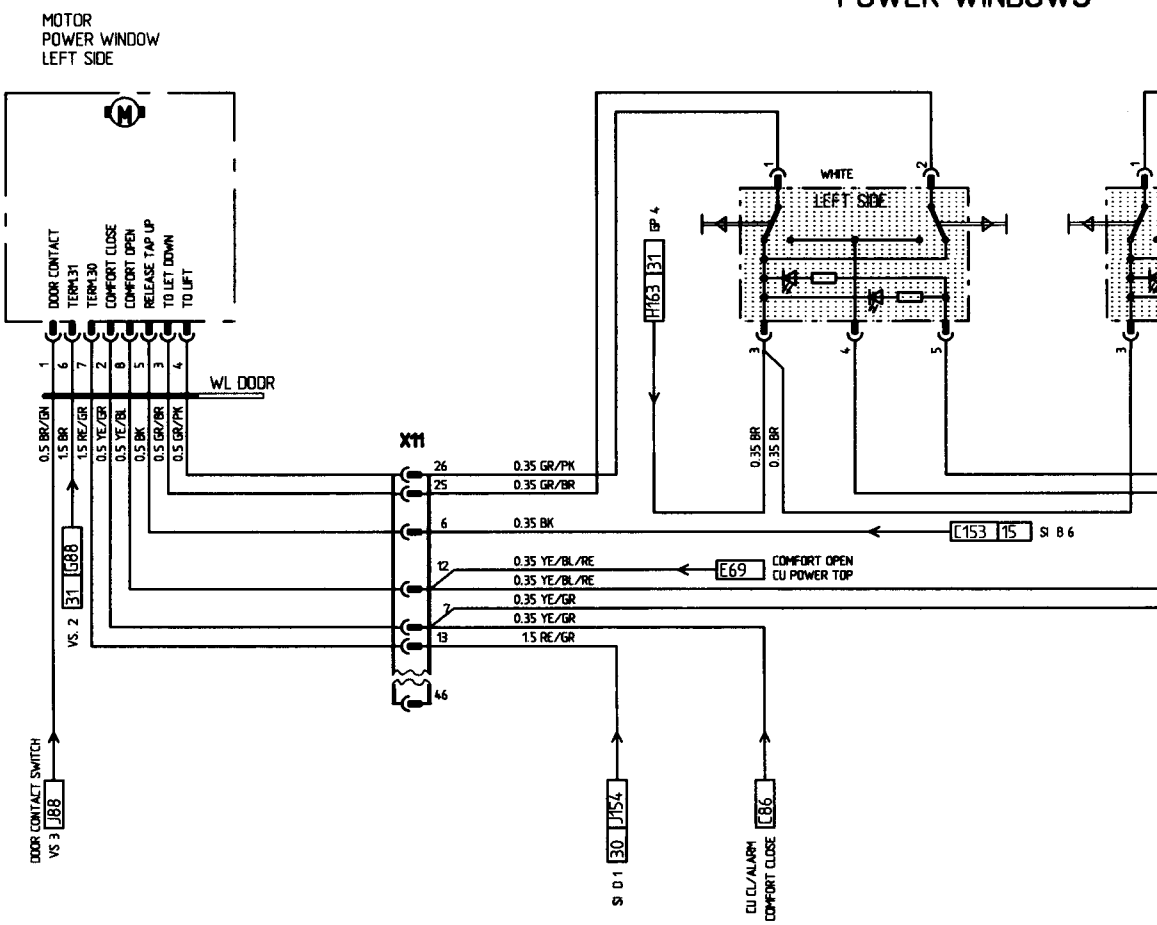
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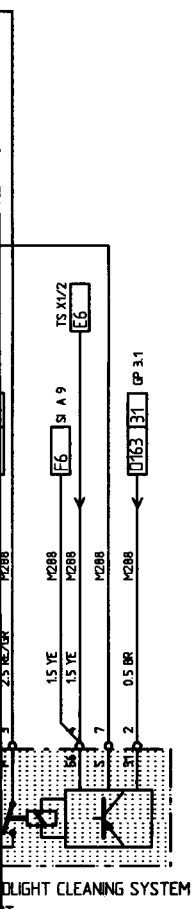
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F G H J K L

HORNS

POWER WINDOWS





DLIGHT CLEANING SYSTEM
T

F G H J K L

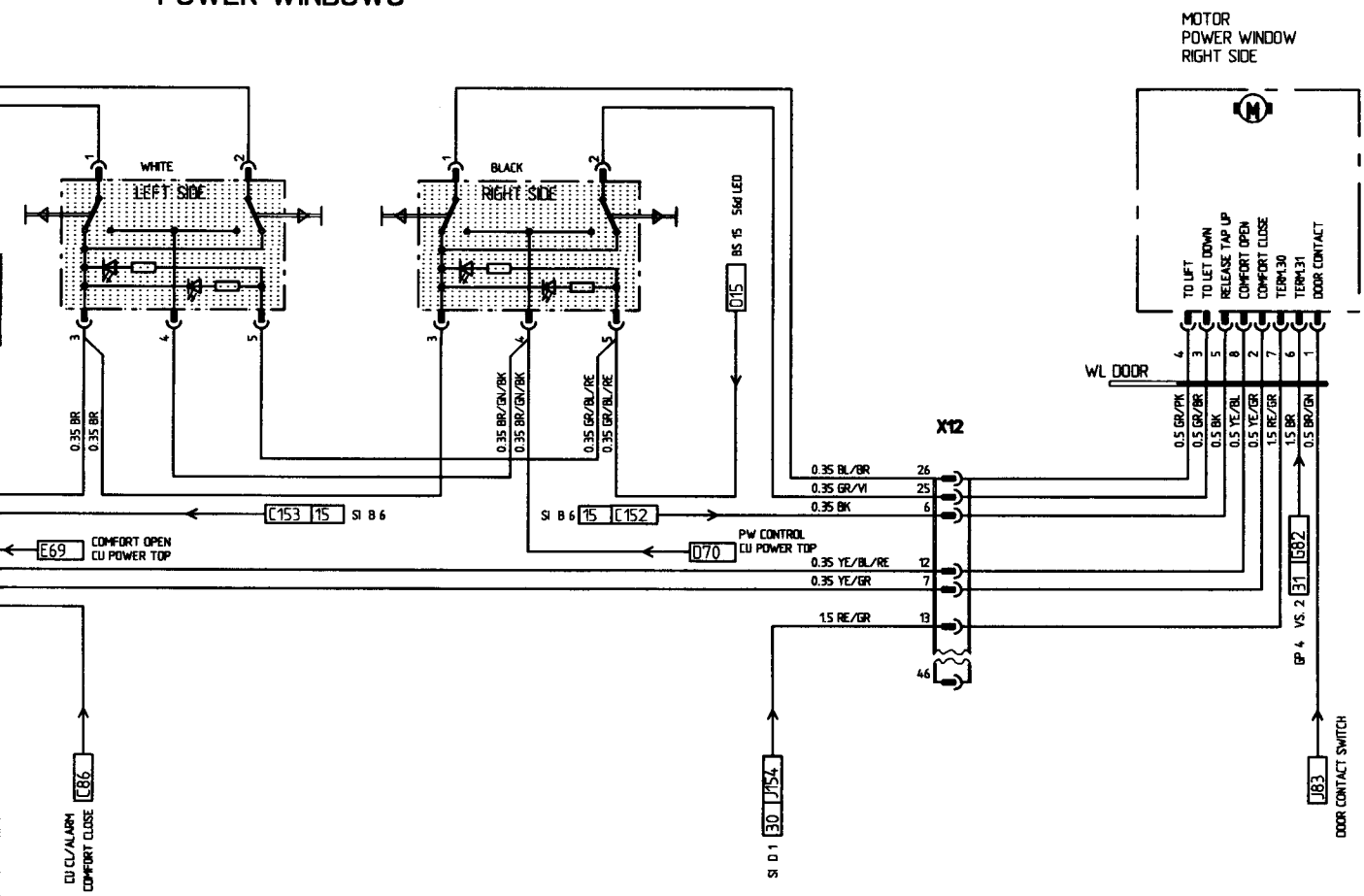
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K L M N O P

POWER WINDOWS



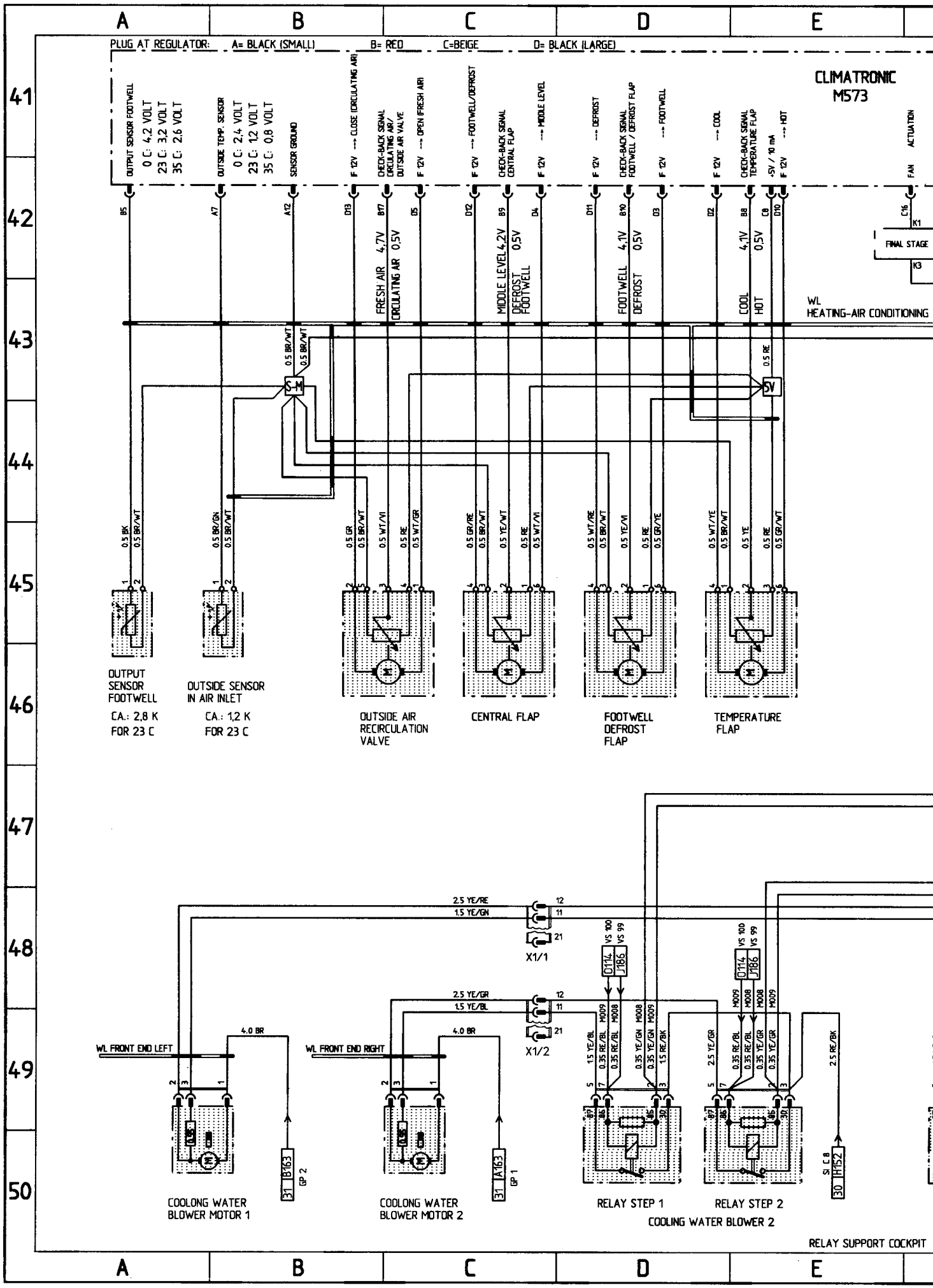
4

K L M N O P

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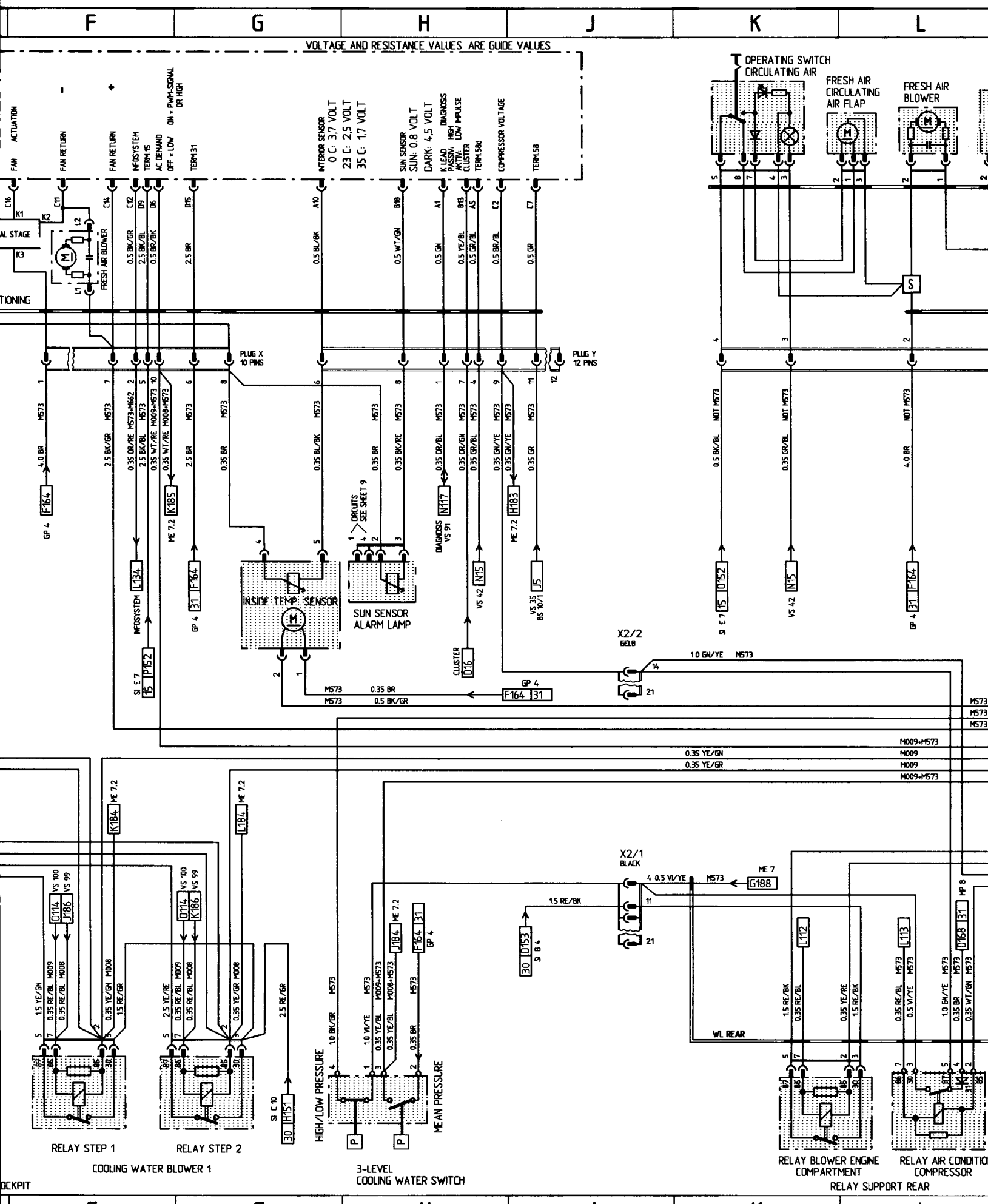
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ENGINE COOLING, HEATING, AIR CONDITIONING SYSTEM



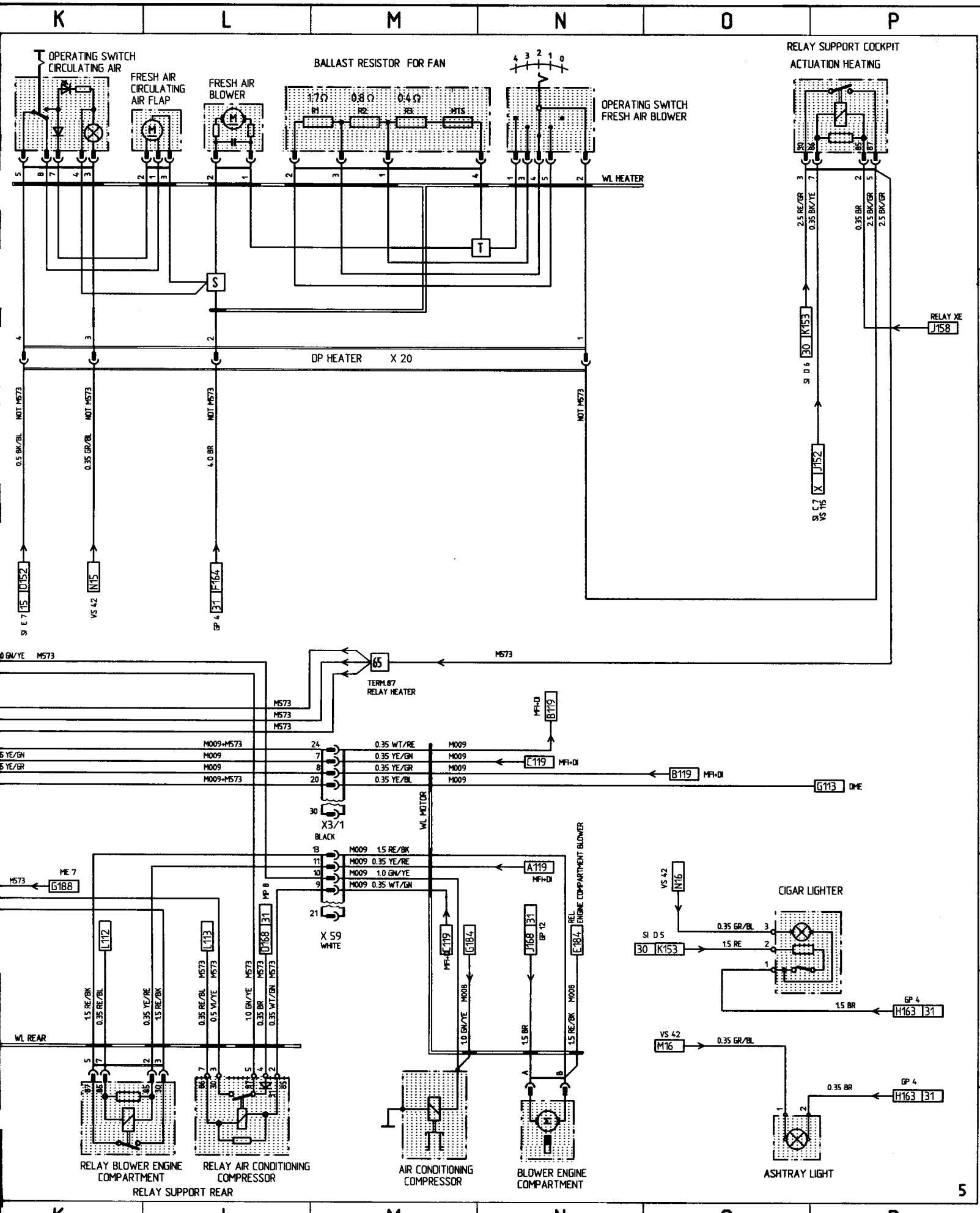
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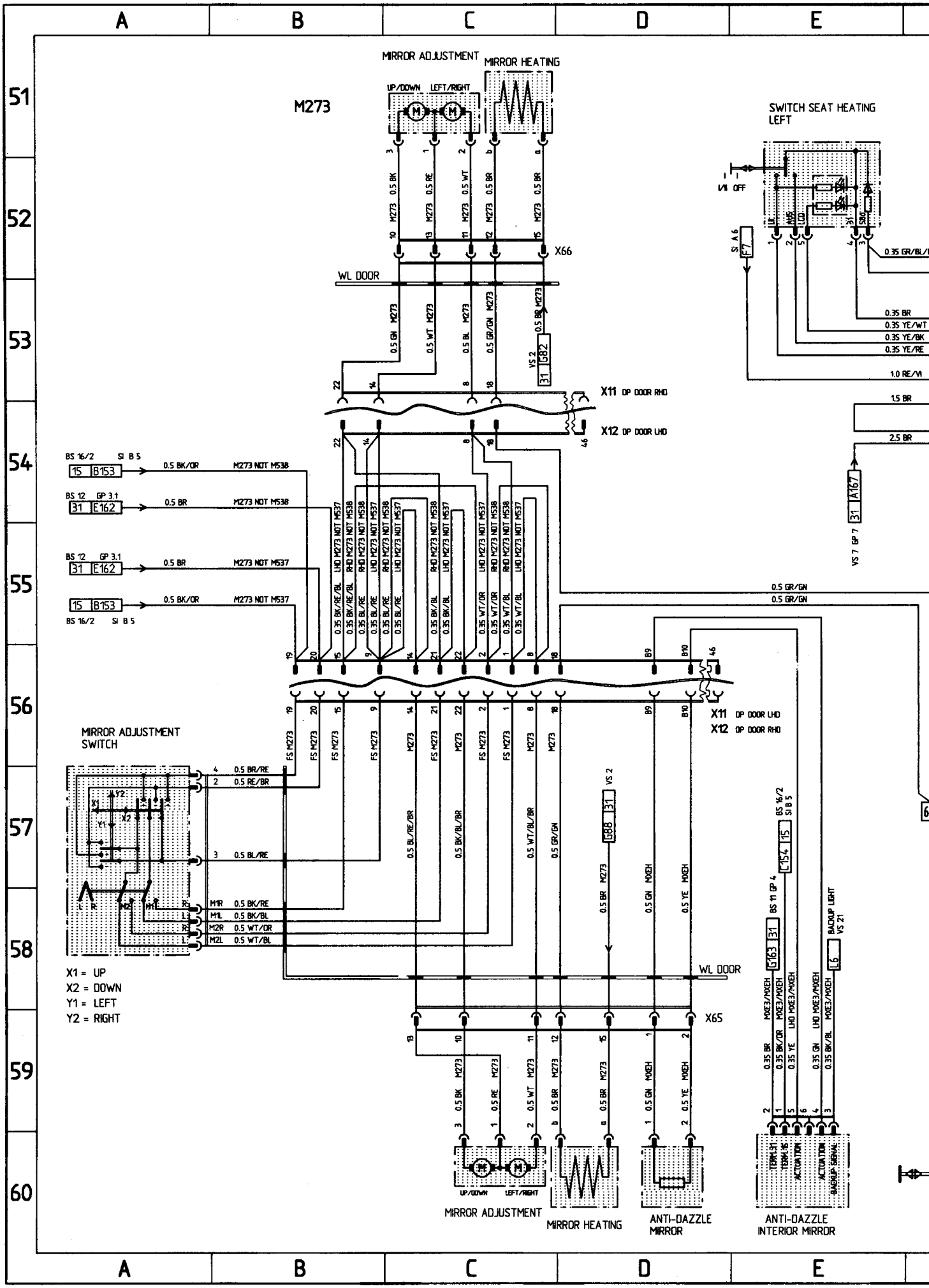


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Boxster MODEL 99 SHEET 6

www.WorkshopManuals.co.uk

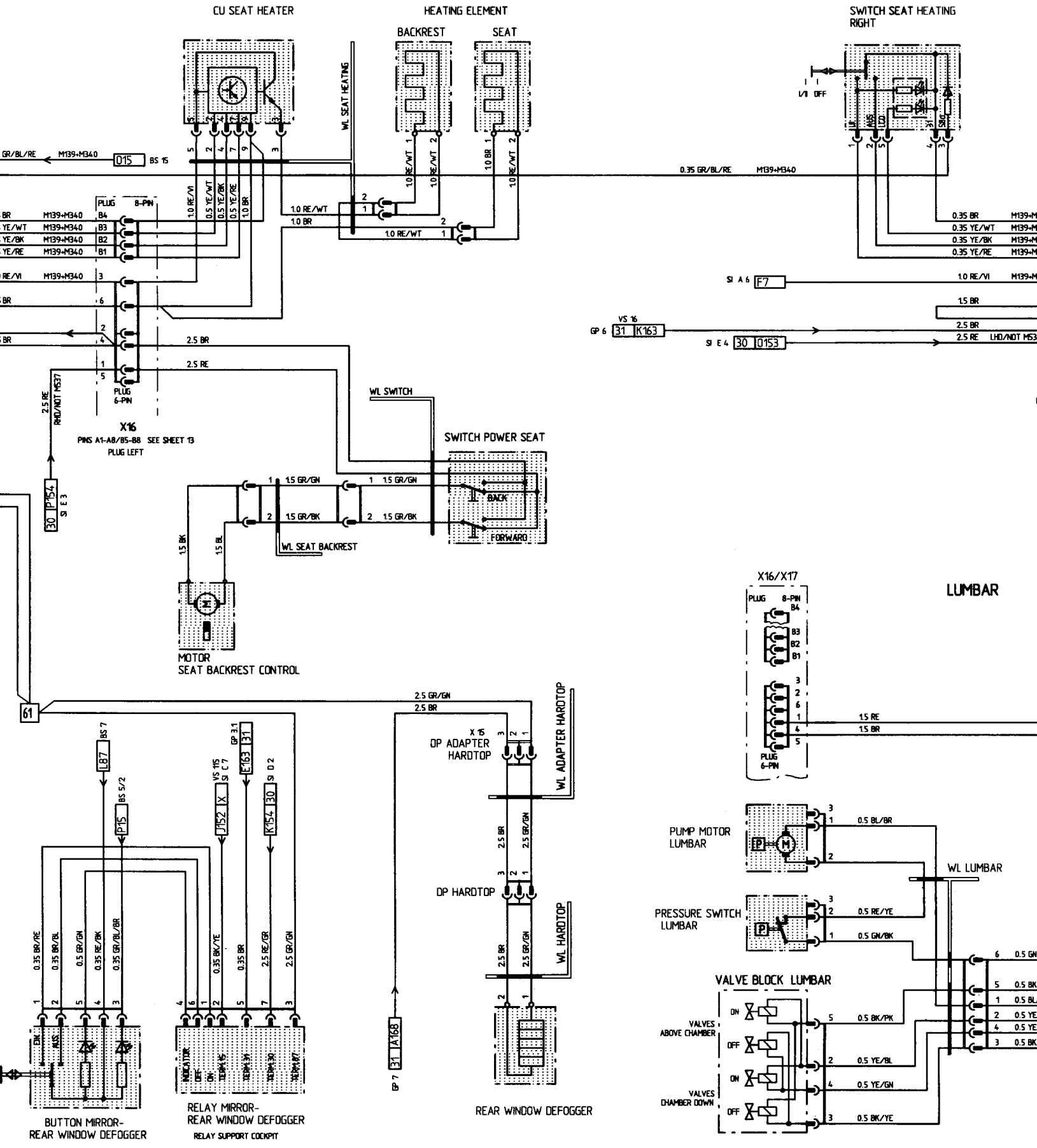
MIRROR ADJUSTMENT, SEAT HEATING , REAR WINDOW DEFOGGER



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www.WorkshopManuals.co.uk

ADJUSTABLE SEAT HEATING LEFT
M139+M340



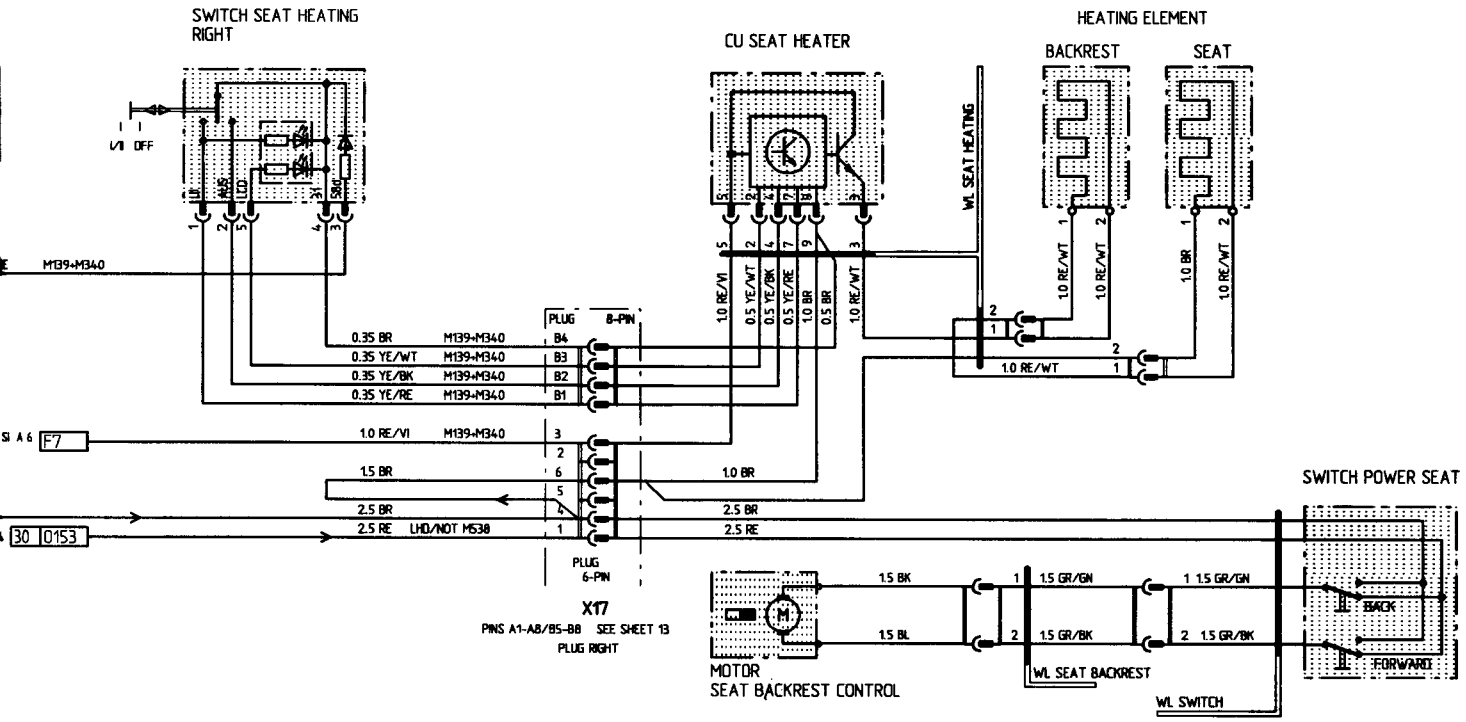
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K L M N O P

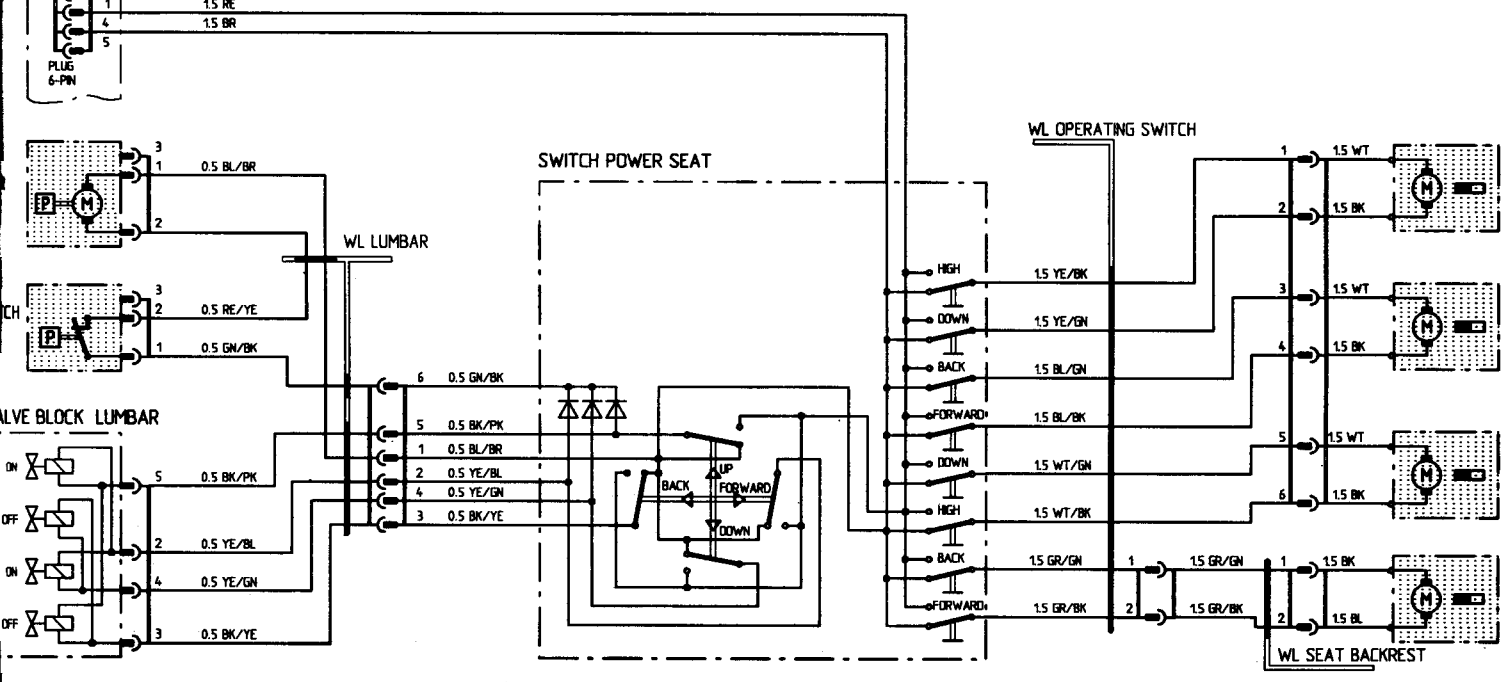
ADJUSTABLE SEAT HEATING RIGHT
M139+M340



X16/X17

LUMBAR LEFT AND RIGHT
M513 M586

COMFORT SEAT LEFT AND RIGHT
M437 M438



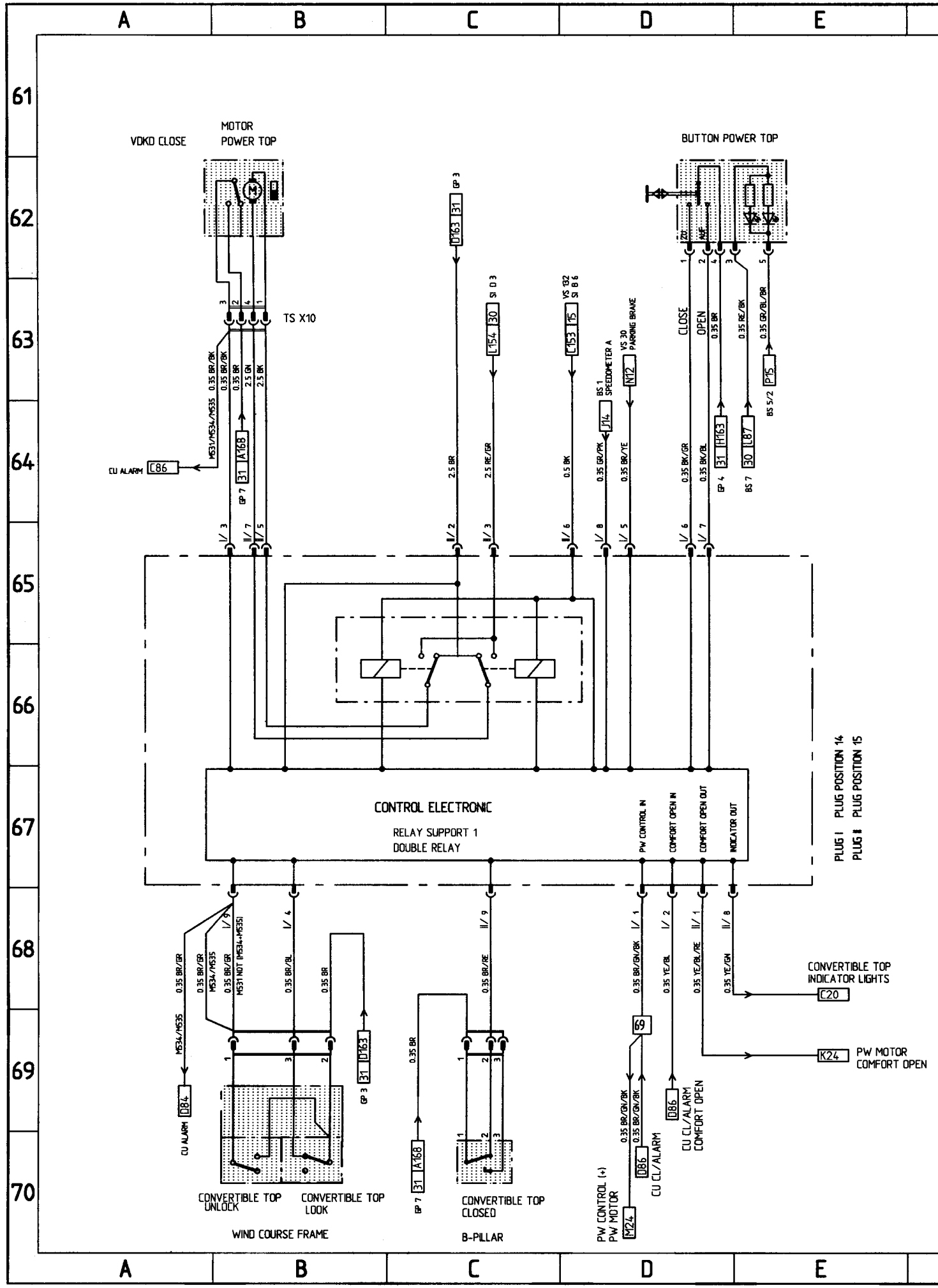
6

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CONVERTIBLE TOP DRIVE



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F	G	H	J	K	L

OPEN

F	G	H	J	K	L

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K	L	M	N	O	P

61
62
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7

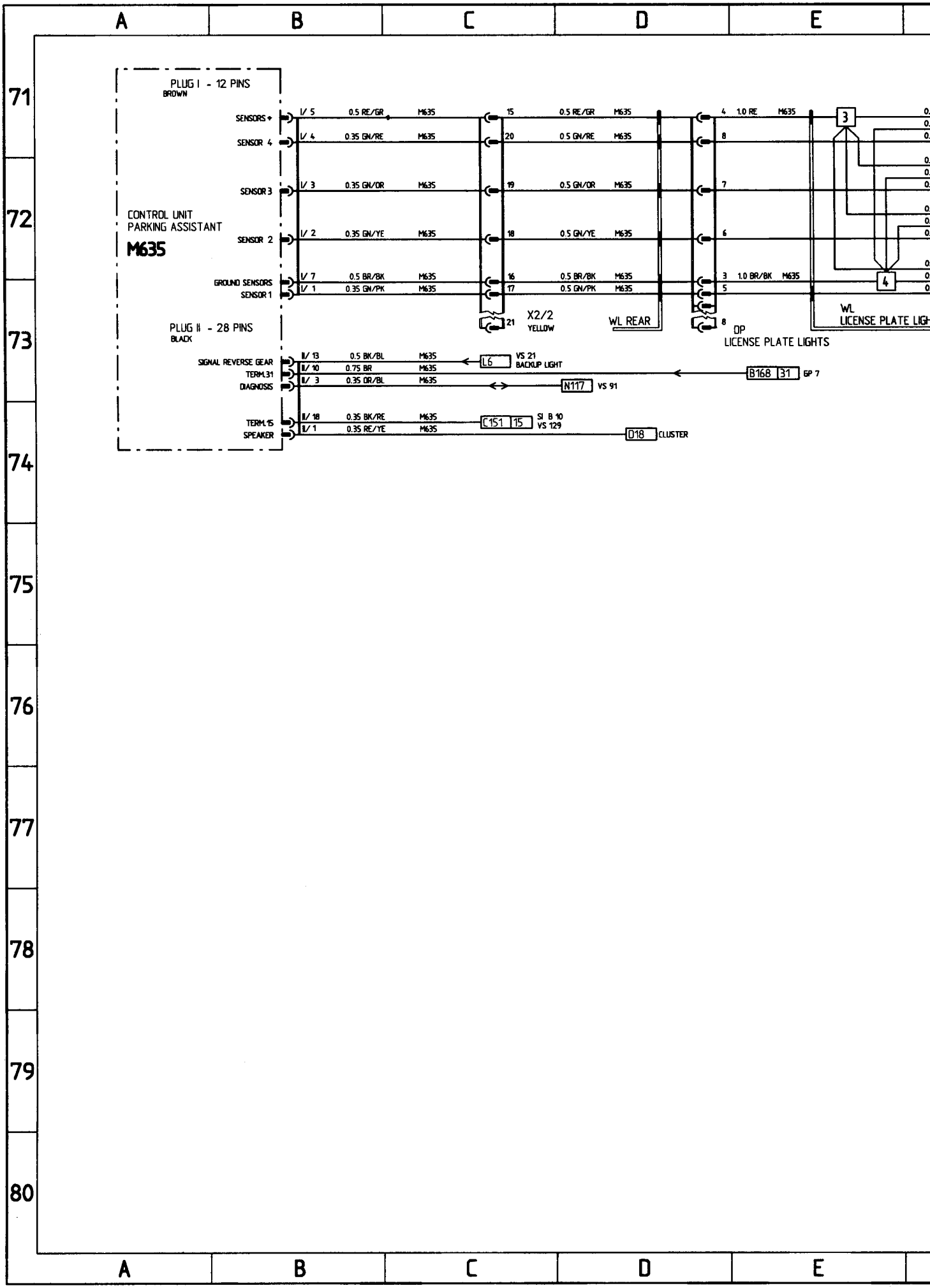
K L M N O P

RED BK = BLACK VI = VIOLET WT = WHITE

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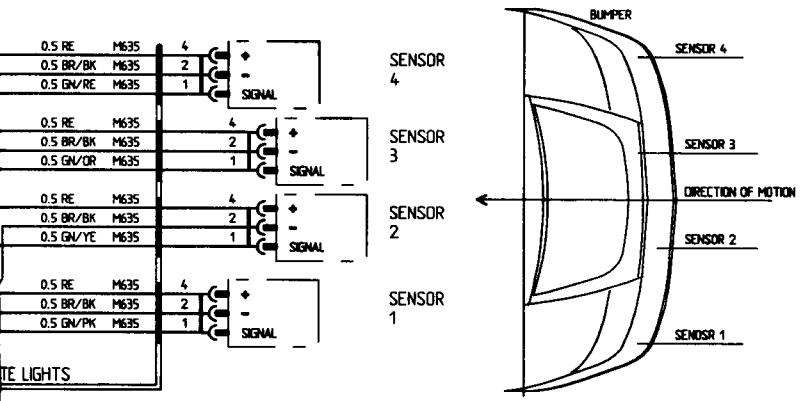
www.WorkshopManuals.co.uk

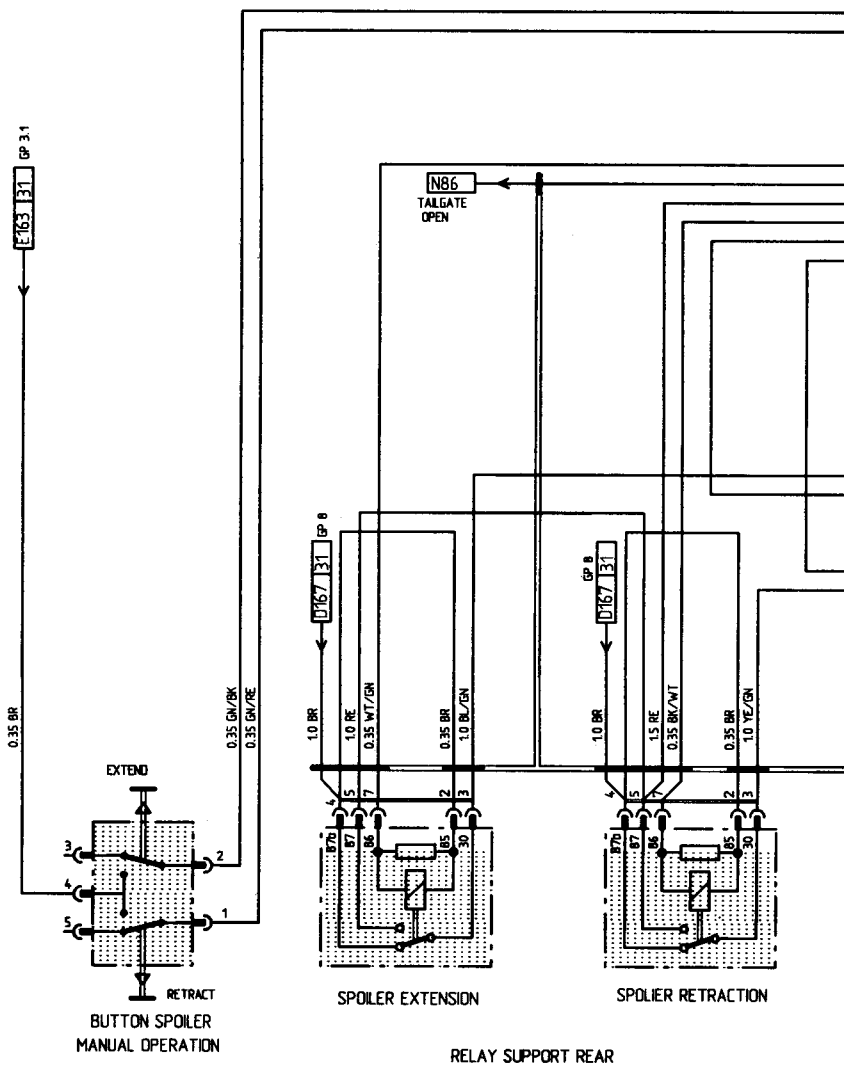
SPOILER EXTEND PARKING ASSISTANT



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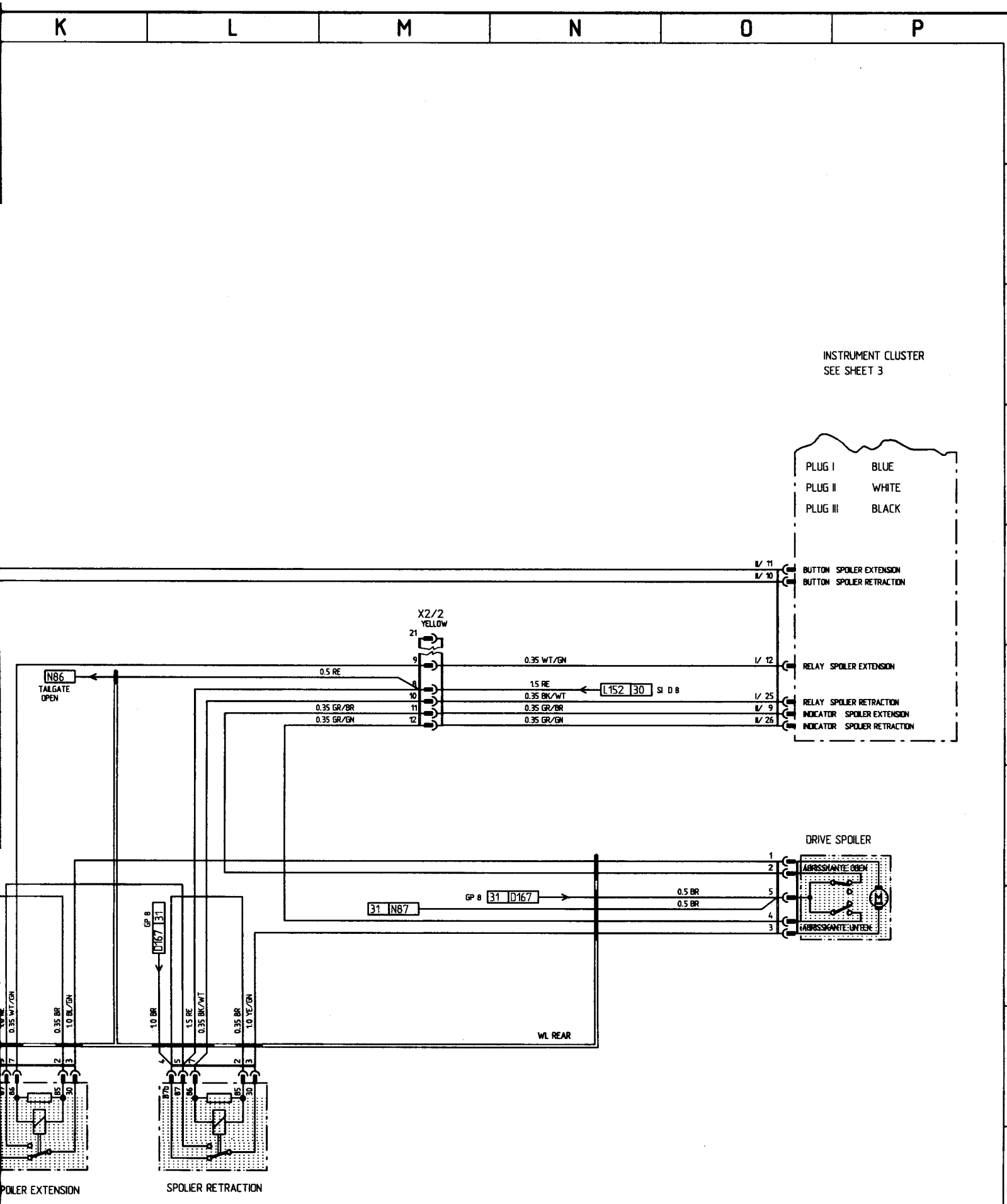




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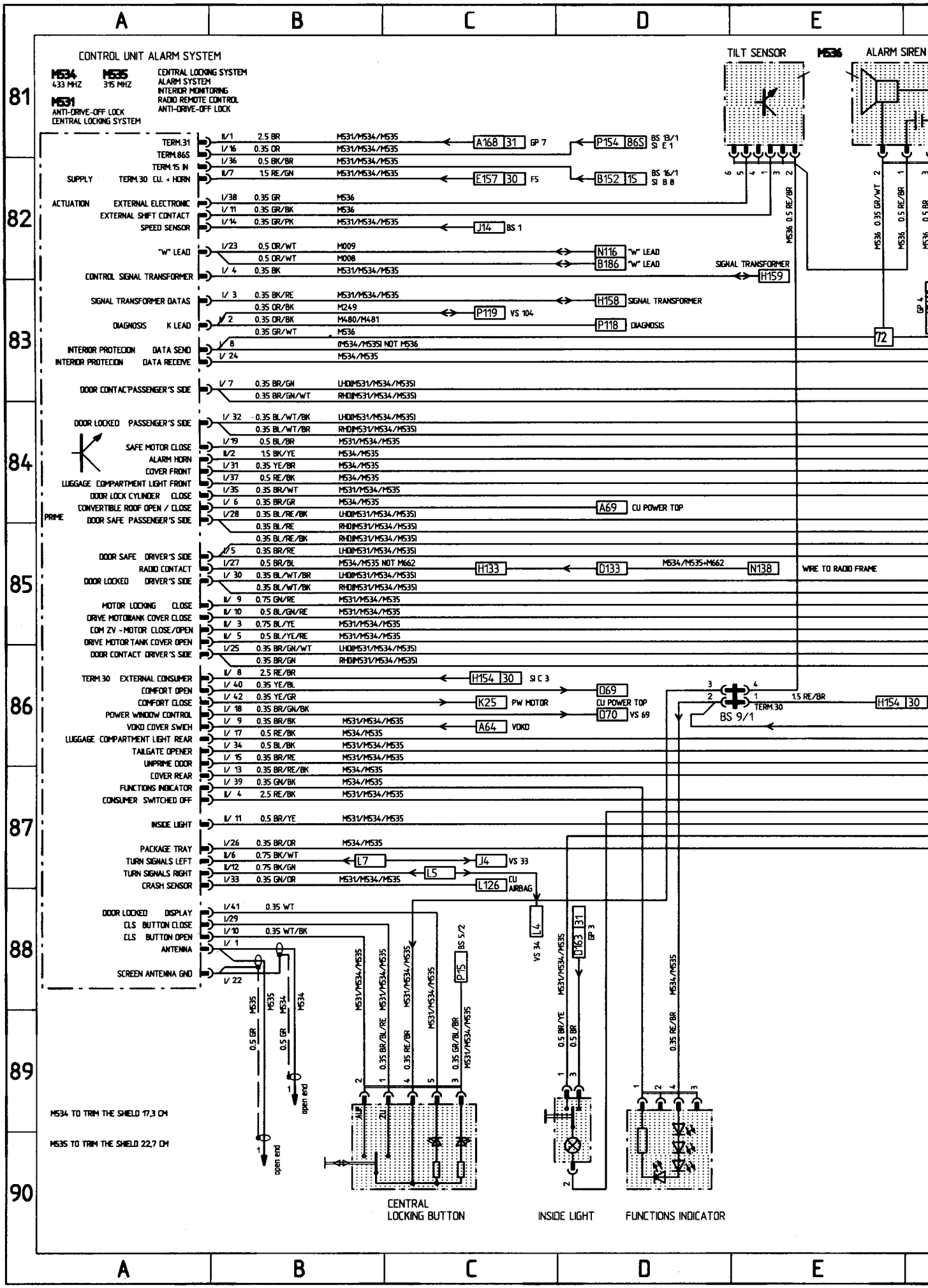
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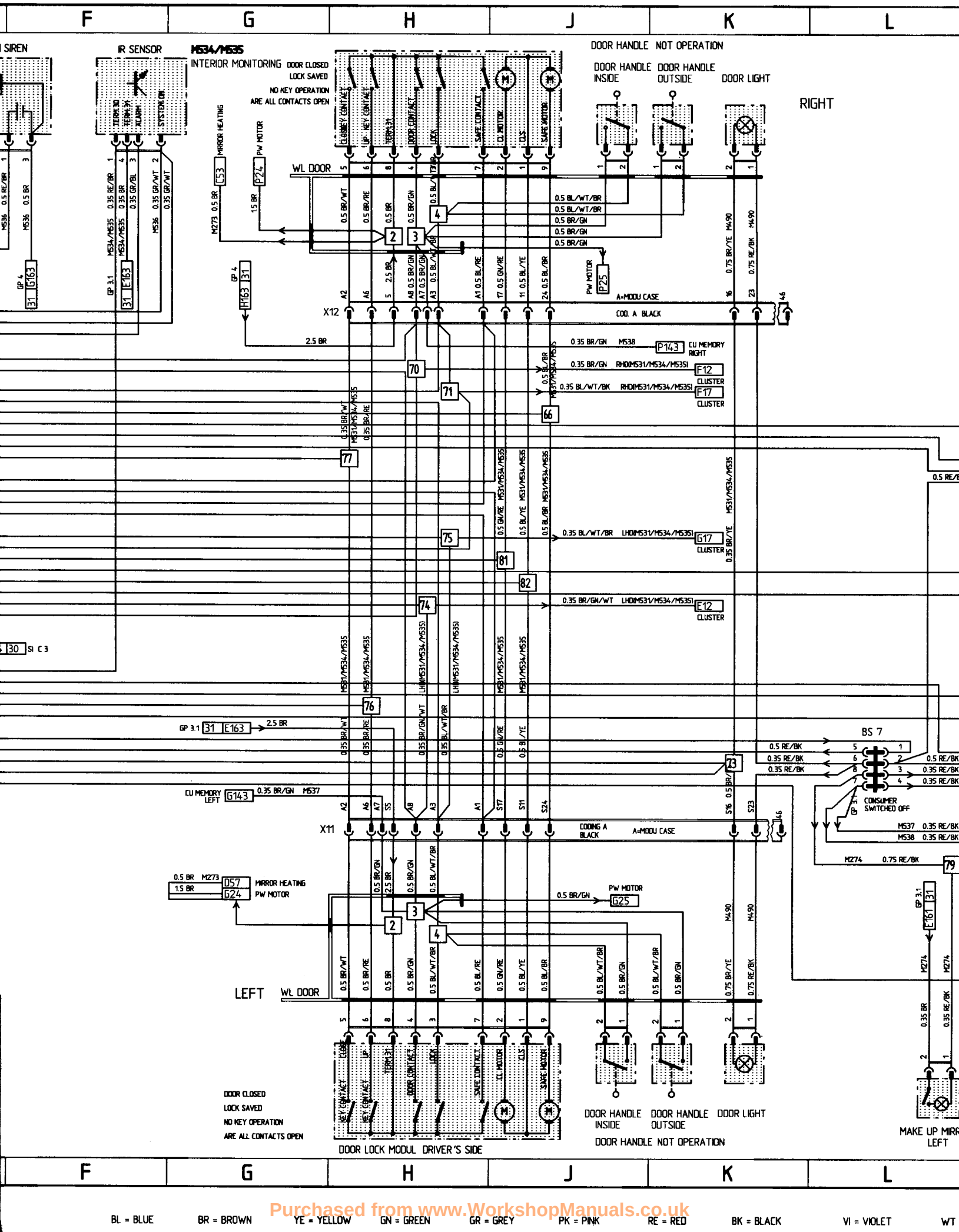
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CENTRAL LOCKS, ALARM SYSTEM, INTERIOR MONITORING



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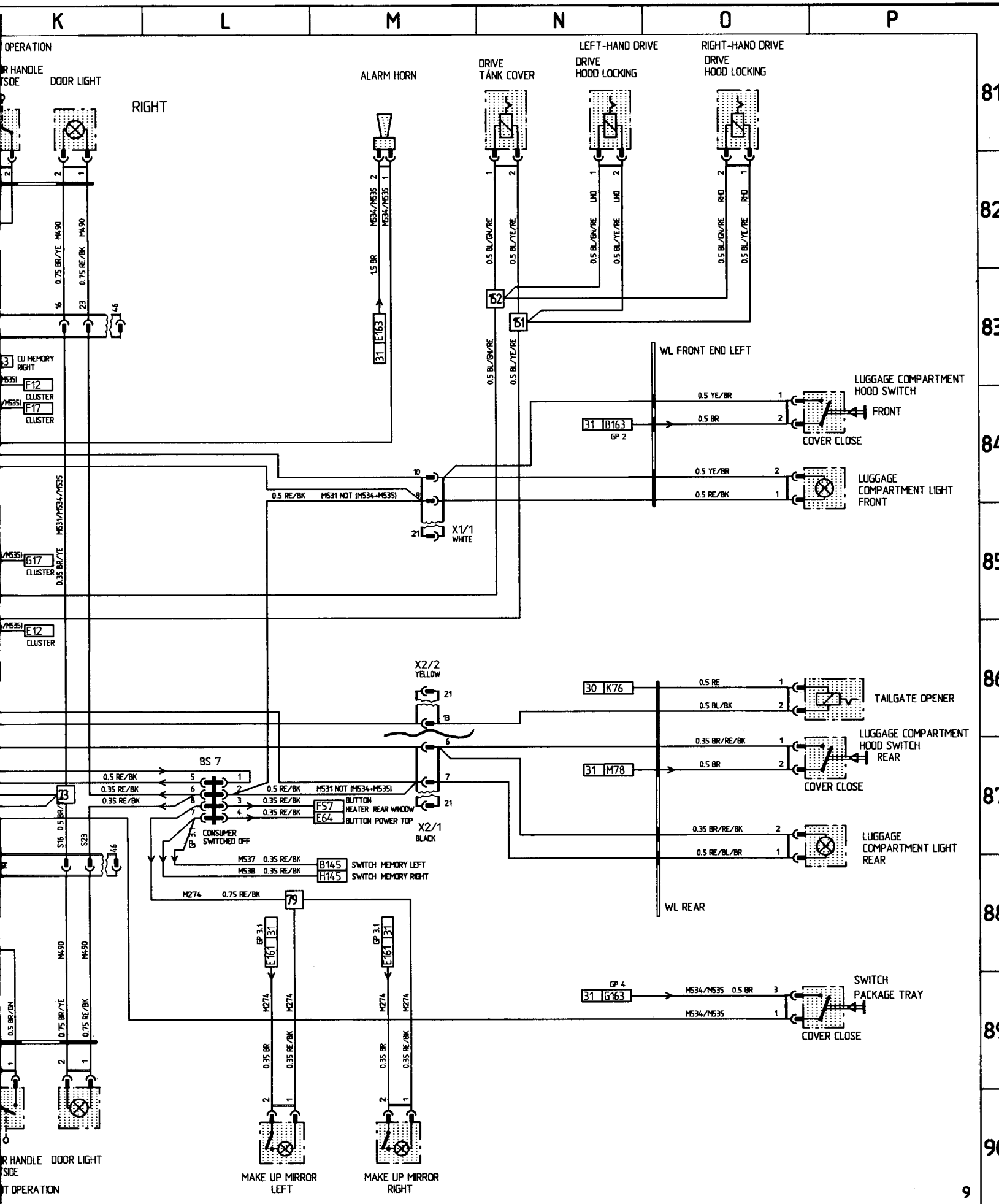
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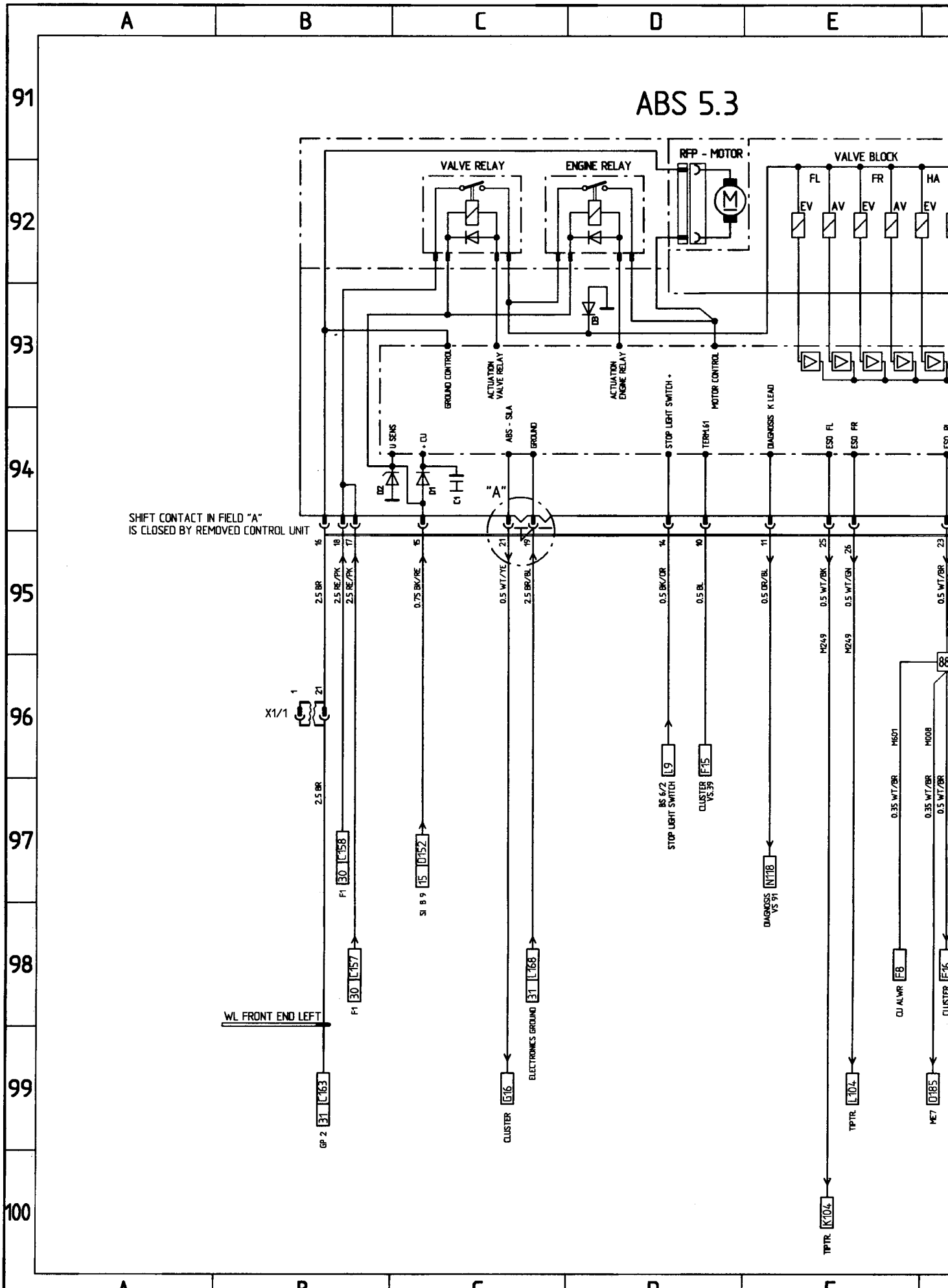
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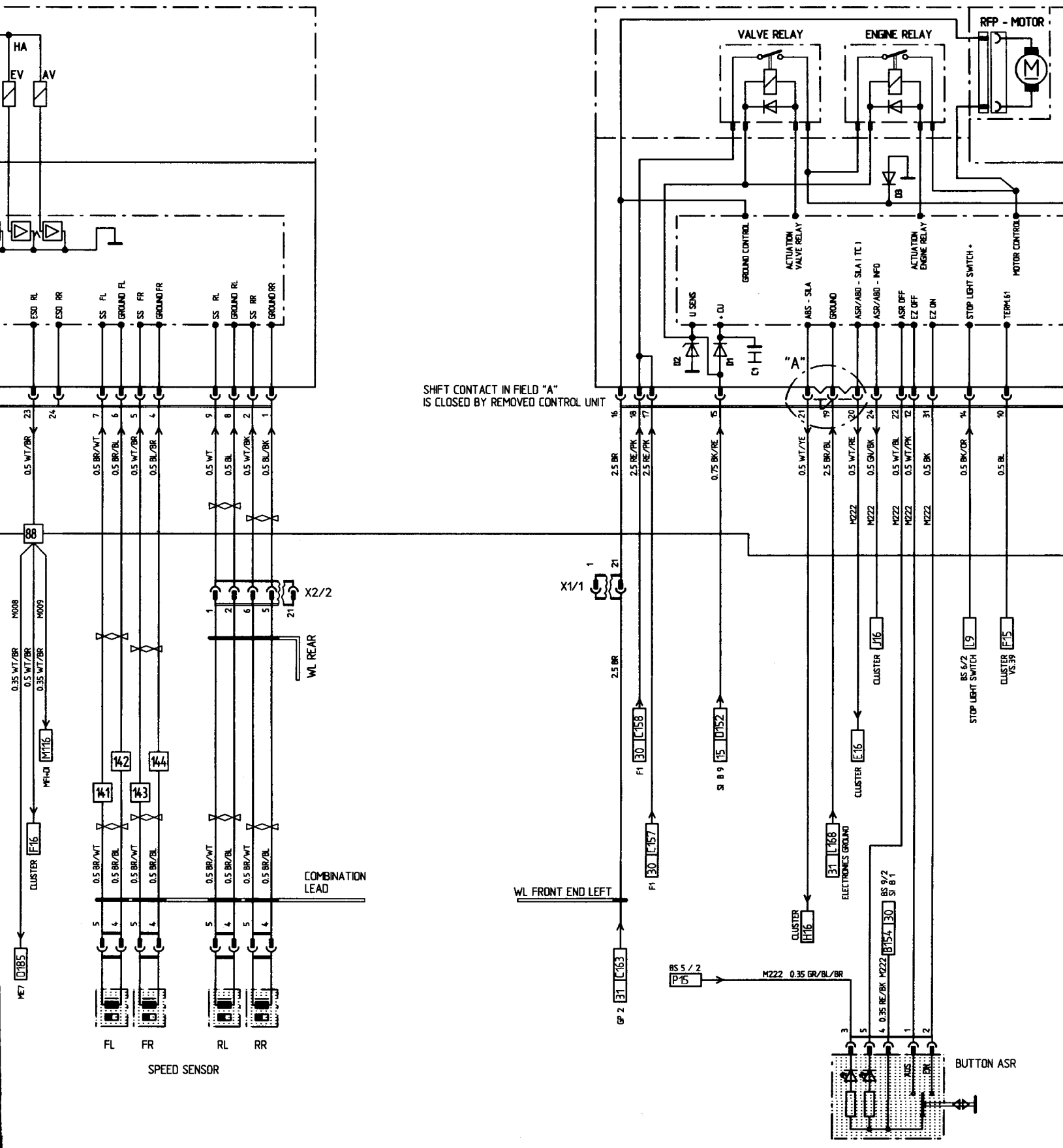
ABS



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ASR 5.3

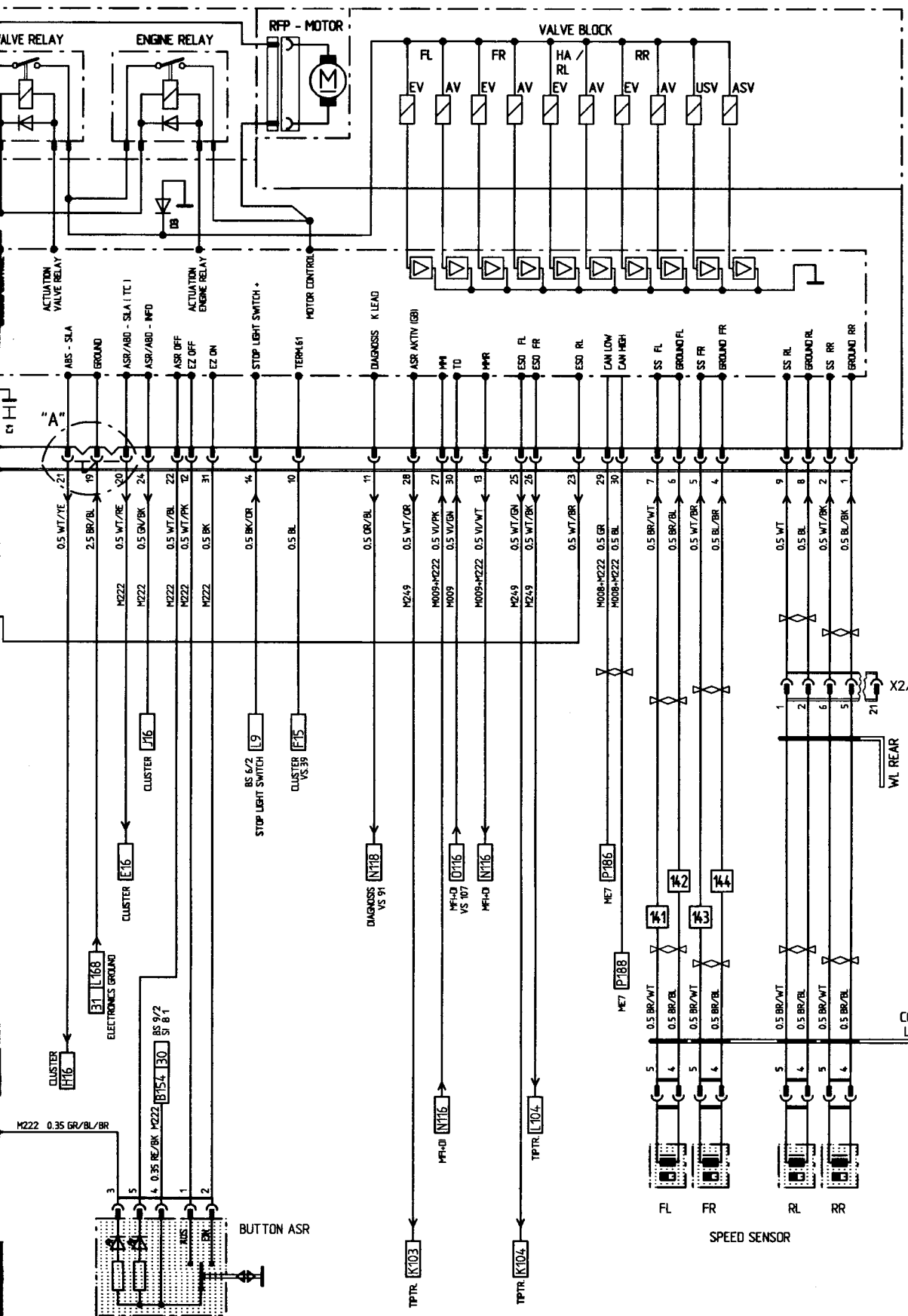


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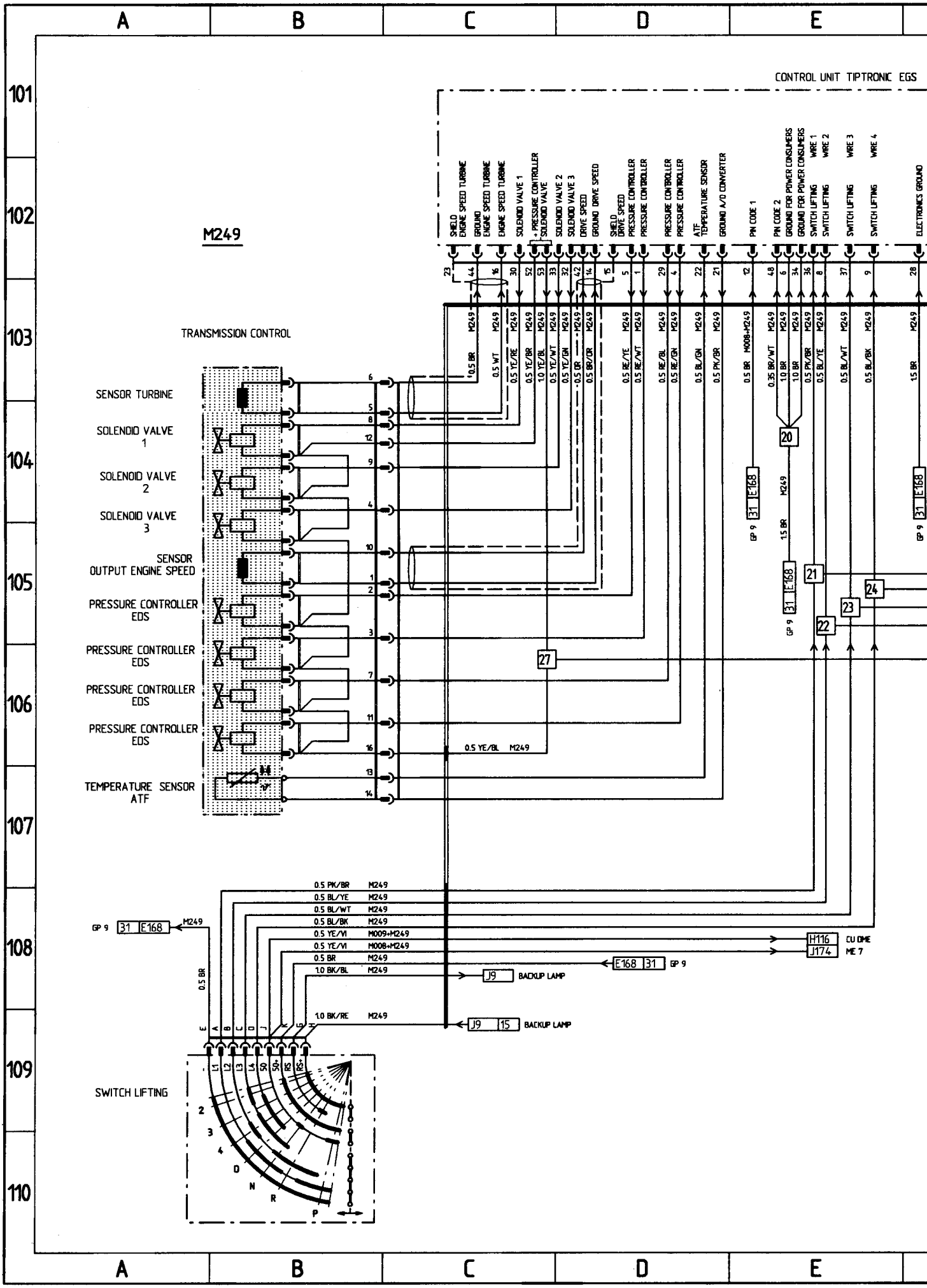
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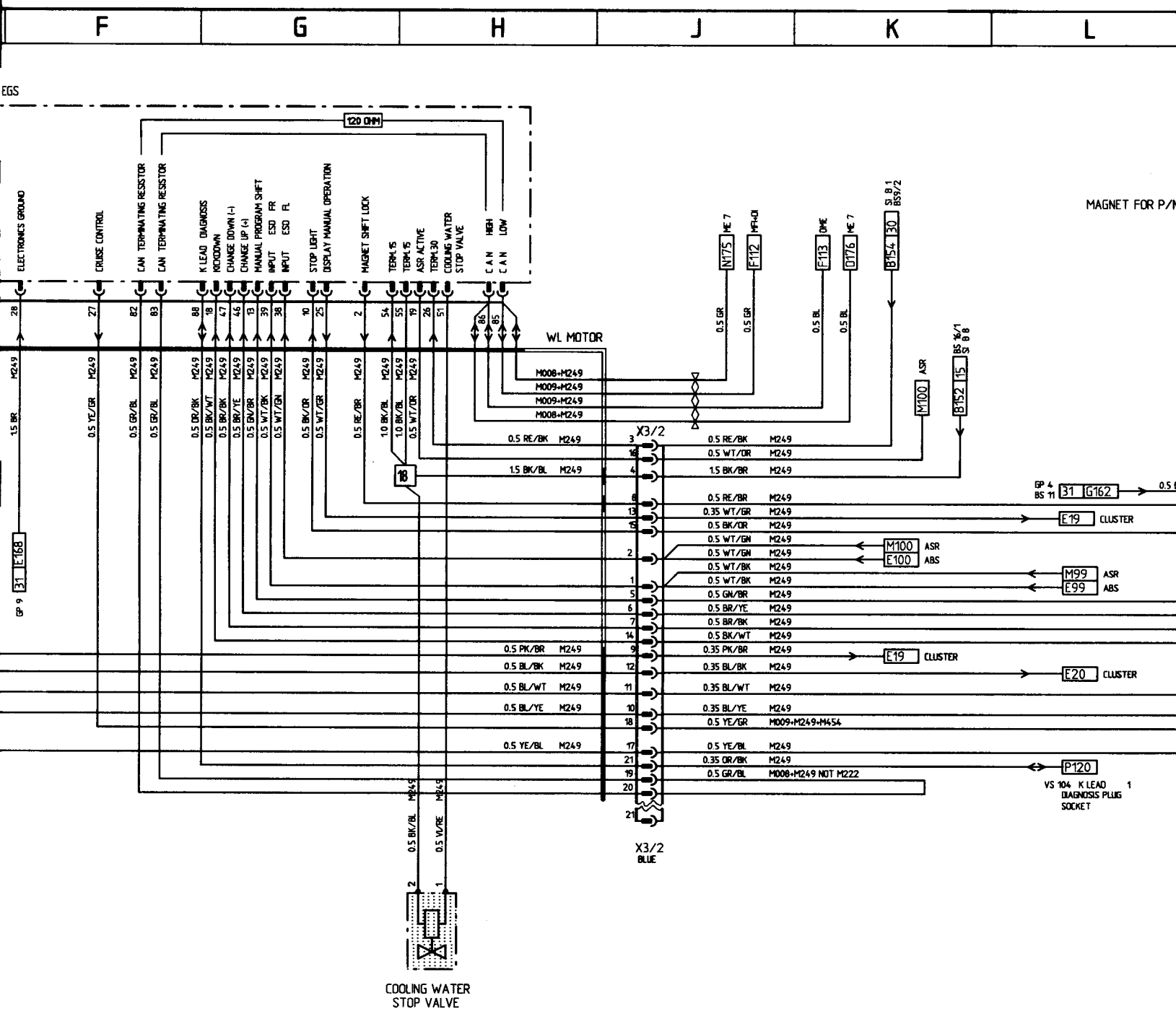
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TIPTRONIC



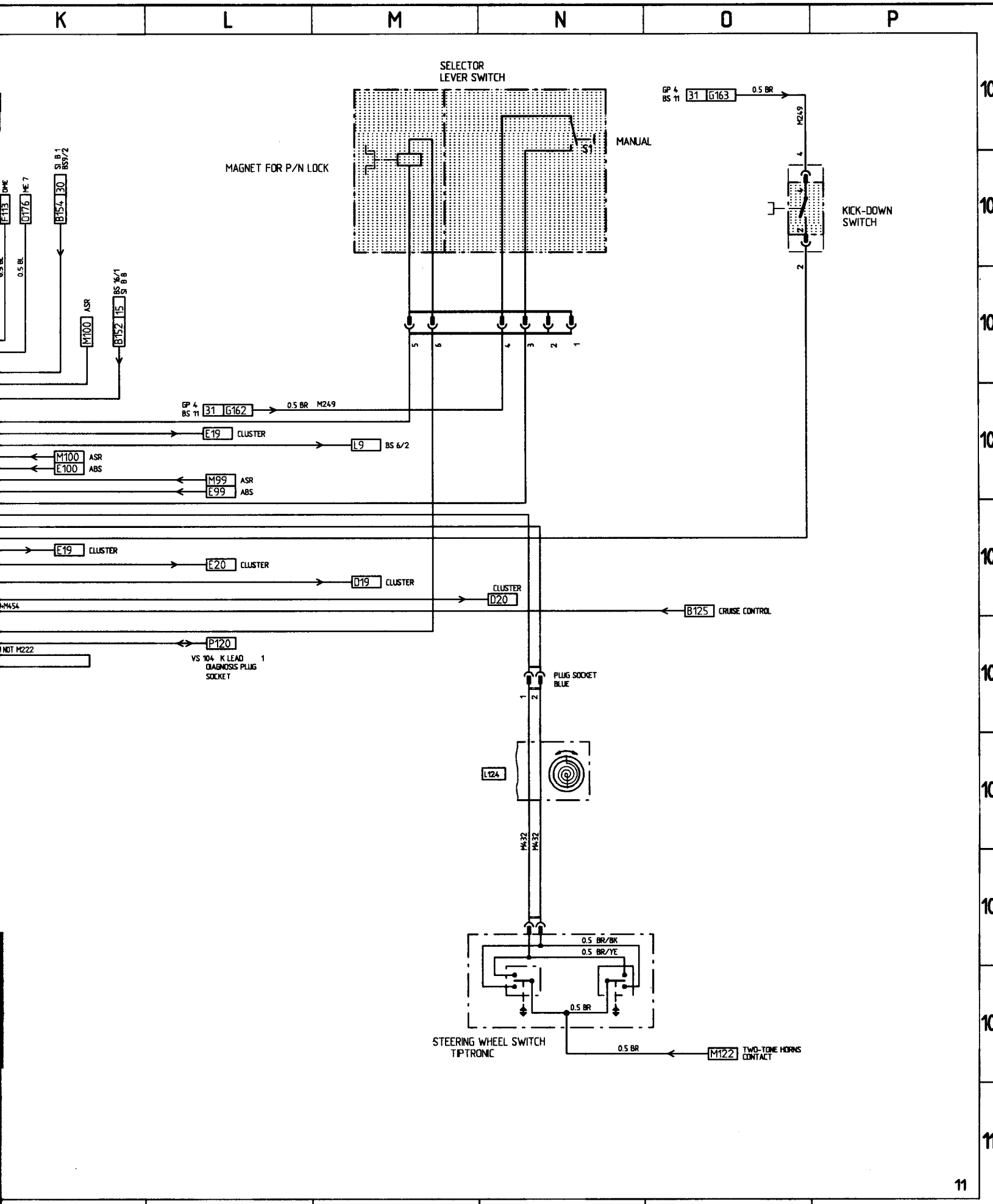
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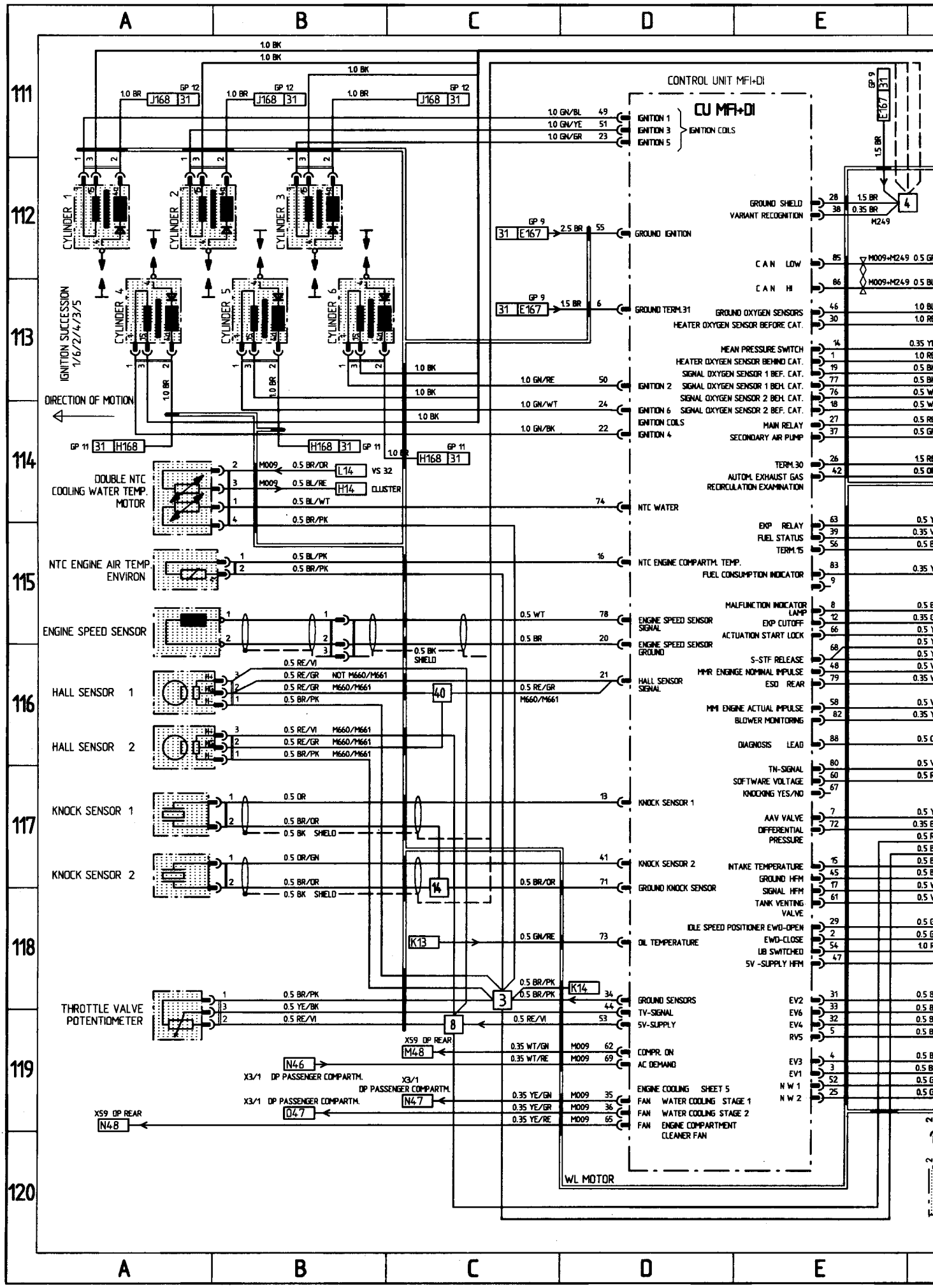


RED BK = BLACK VI = VIOLET WT = WHITE TWISTED WIRES

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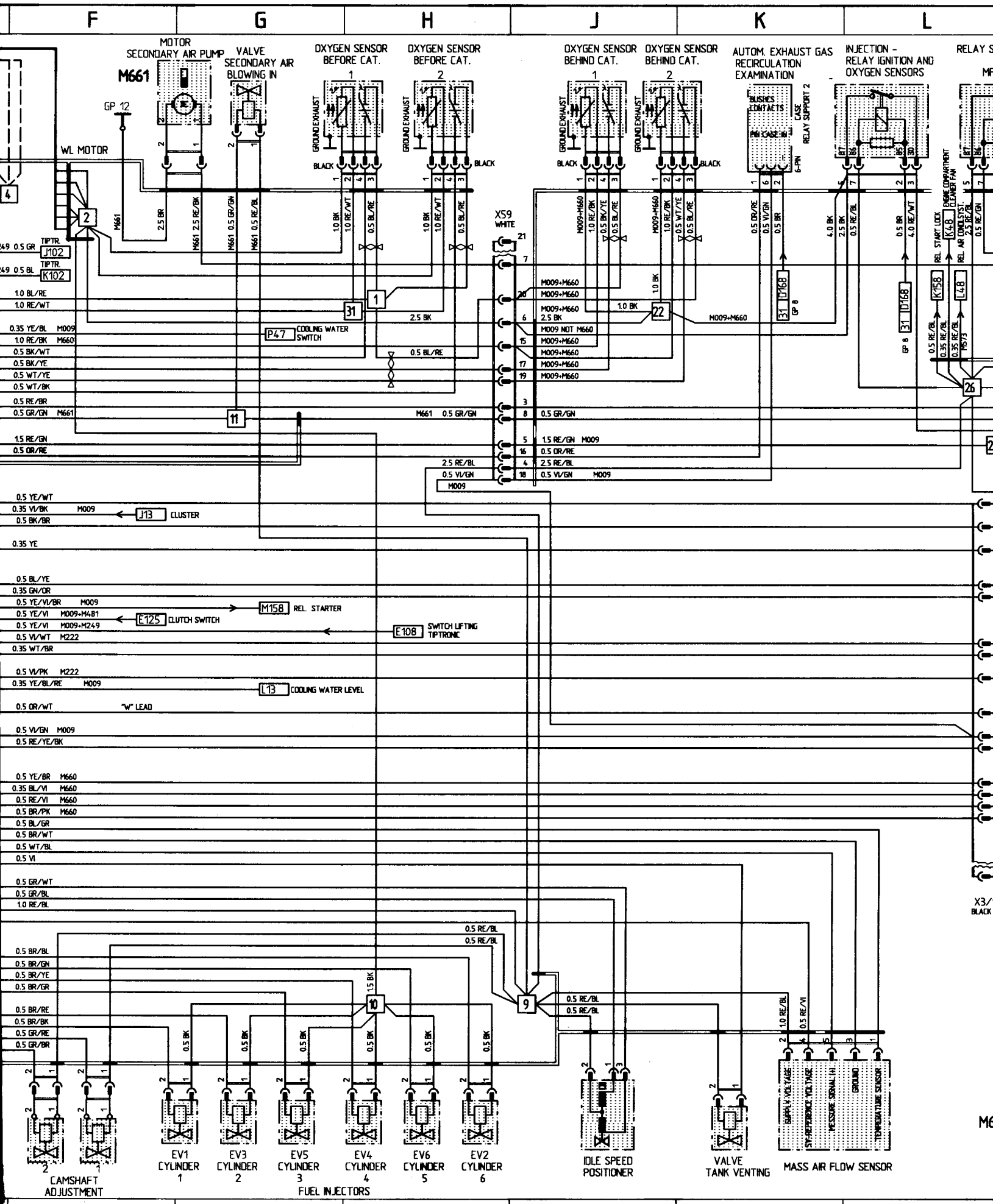
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MFI+DI MOTORELEKTRONIC



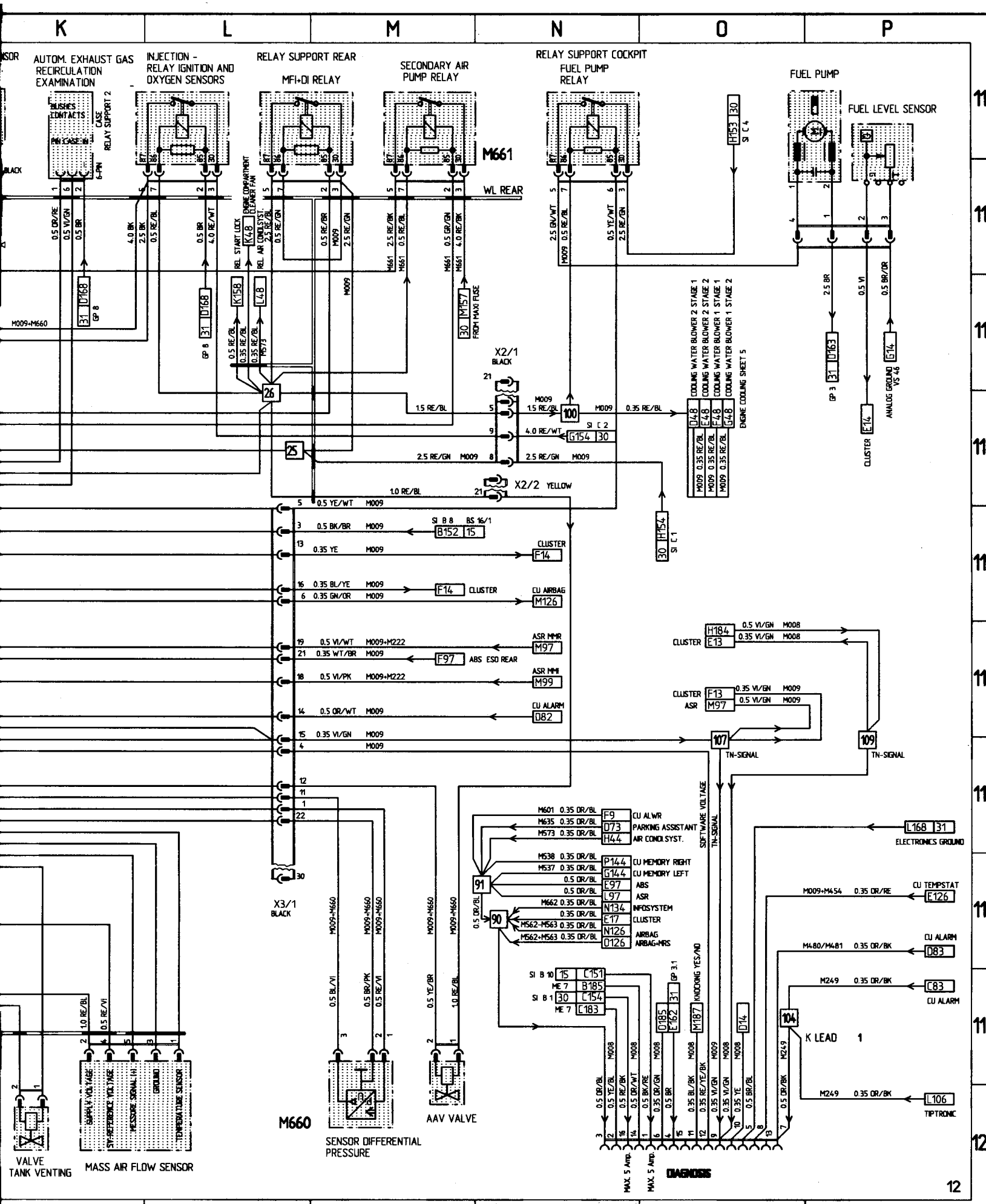
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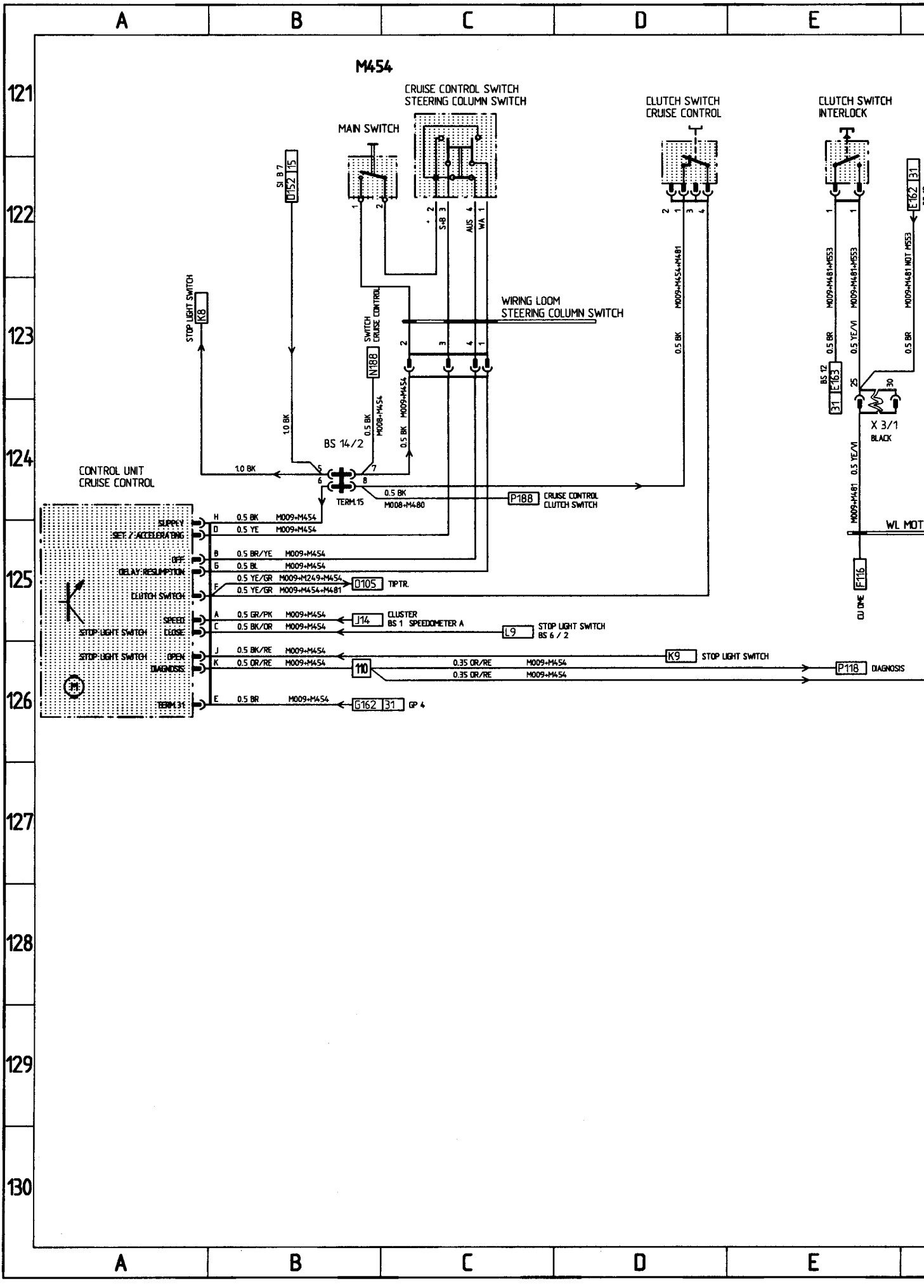
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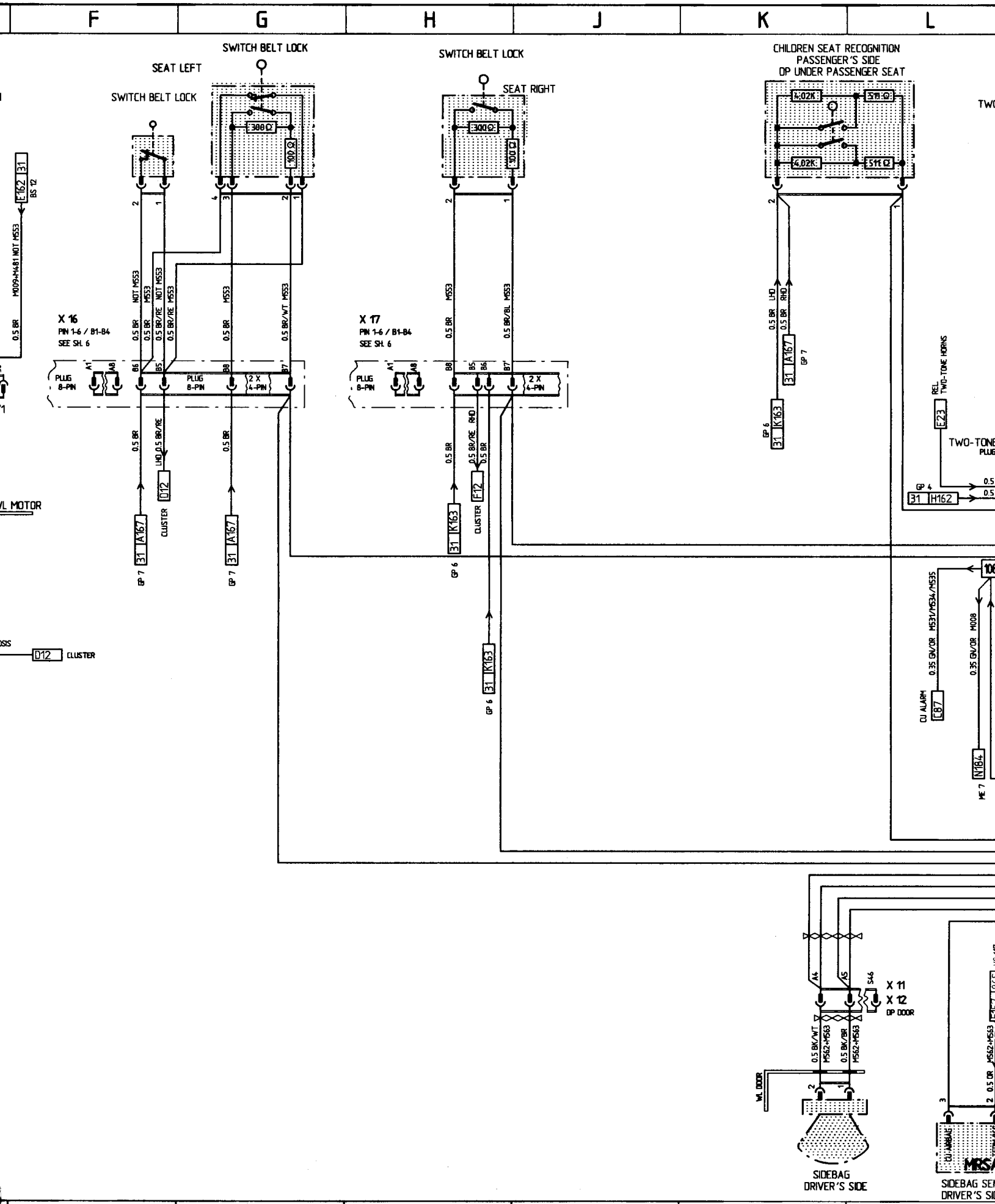
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CRUISE CONTROL AIRBAG SIDE AIRBAG



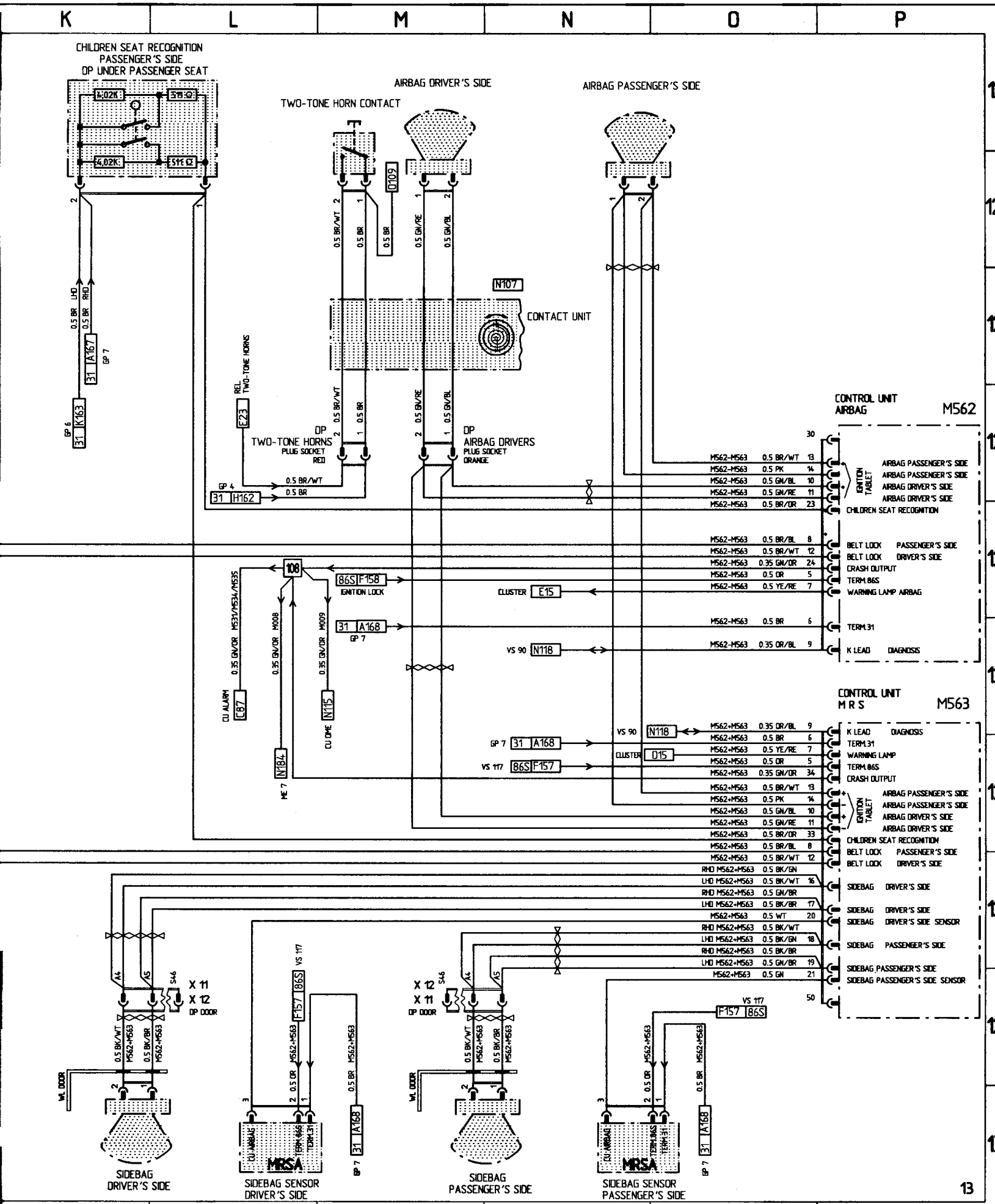
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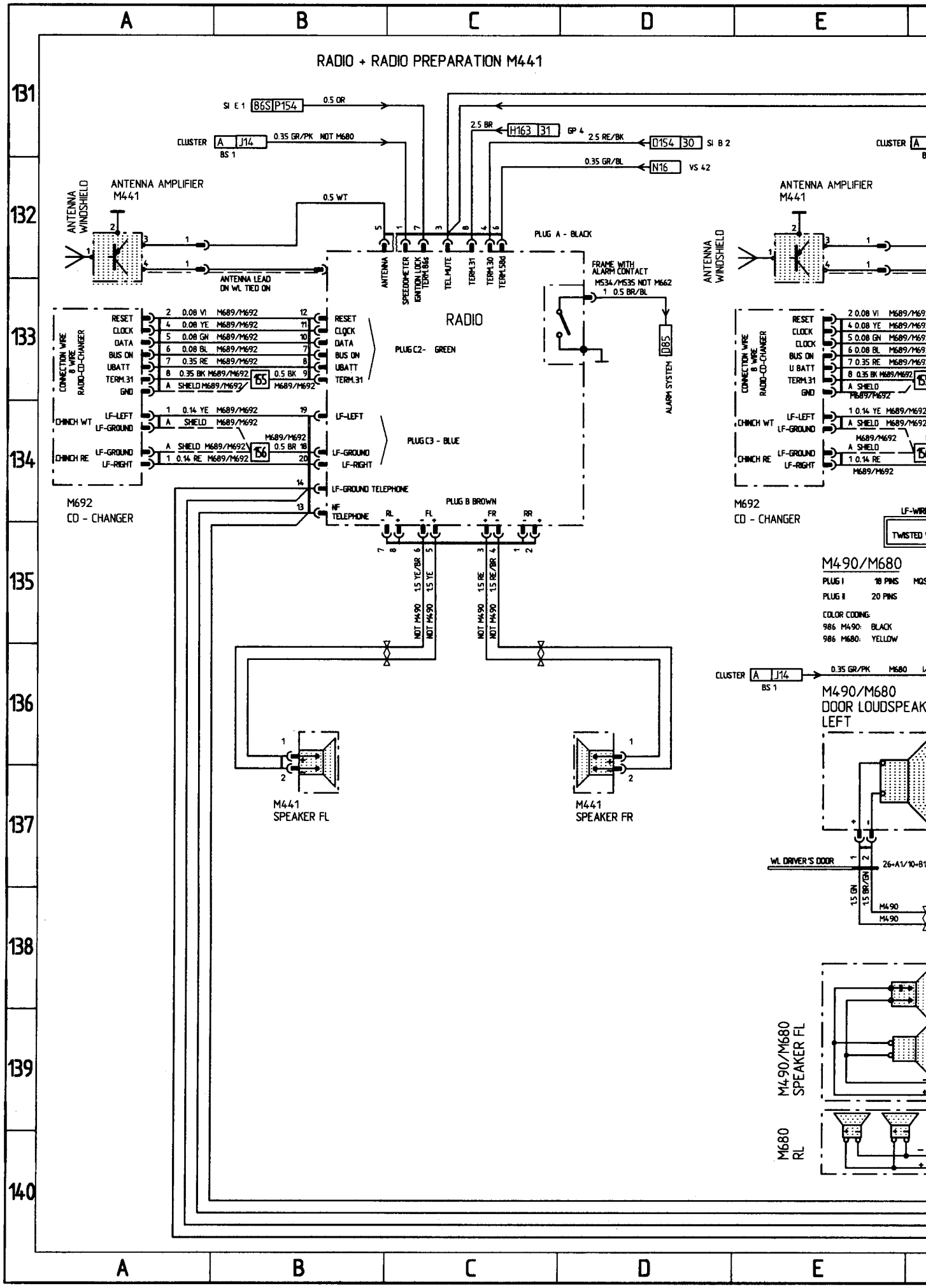


RED BK = BLACK VI = VIOLET WT = WHITE TWISTED WIRES

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RADIO, TELEPHONE

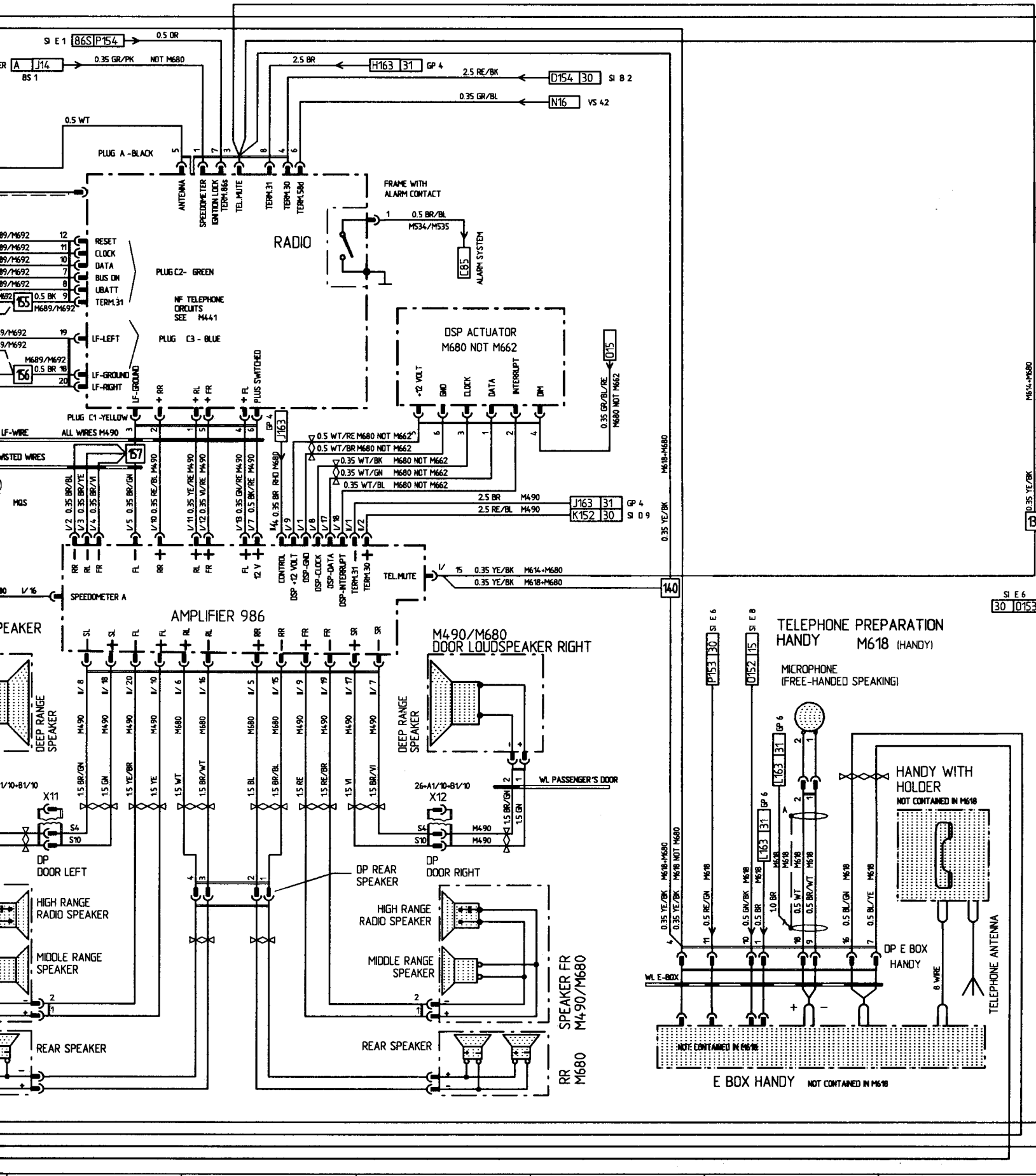


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F G H J K L

RADIO AND AUDIO OPTION PACK M490 / DIGITAL SOUND PACKAGE M680



F G H J K L

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

www.WorkshopManuals.co.uk

K L M N O P

RADIO PLUG:

PLUG A:	BLACK	SUPPLY
PLUG B:	BROWN	SPEAKER
PLUG C1:	YELLOW	M490 / AMPLIFIER
PLUG C2:	GREEN	CD-CHANGER / CONNECTOR 8-PINS
PLUG C3:	BLUE	CD-CHANGER / LF-WIRE

TELEPHONE PREPARATION M193/M553

SI E 6 0152 — 1.0 RE/GN — M193/M553 1 — TERM.30
SI E 8 P151 — 1.0 GN/BK — M193/M553 2 — TERM.15
GP 3.1 E163 — 1.0 BR — M193/M553 4 — TERM.31
0.35 YE/BK — M193/M553 3 — TEL.MUTE

M614+M680

0.35 YE/BK

139

TELEPHONE PREPARATION D-NETWORK M614 (MOTOROLA)

0.35 YE/BK M614 NOT M680
0.35 YE/BK M614+M680 10 — RADIO MUTE

SI E 6 30 0153 — 1.0 RE/GN M614 — 18
SI E 8 15 P152

0.5 RE/GN M614 4 — TERM.30
0.5 RE/GN M614 16 — TERM.30
0.5 GN/BK M614 5 — TERM.15
M614
M614 20 — SHIELD MAP READ/ RECEIVER
0.5 BK M614
0.5 BK M614 23
0.5 RE/WT M614
0.5 RE/WT M614 8
0.14 RE M614
0.14 RE M614 11
0.14 OR M614
0.14 OR M614 12
0.14 YE M614
0.14 YE M614 18
0.5 BR M614
0.5 BR M614 24
0.14 GN M614
0.14 GN M614 1
0.14 GR/WT M614
0.14 GR/WT M614 6 — MAP READ / RECEIVER

0.35 WT M614 15
0.35 BR/WT M614 14 — SHIELD MAP READ/ RECEIVER
0.5 BR M614 3 — + MICROPHONE (FREE-HANDED SPEAKING)
0.5 BR M614 17 — − TERM.31
TERM.31
0.35 BL/GN M614 19 — NF
0.35 BL/YE M614 25 — NF GROUND

TELEPHONE PREPARATION HANDY M618 (HANDY)

MICROPHONE (FREE-HANDED SPEAKING)

SI E 8 0152 15
GP 6 L163 31 A
0.5 GN/BK M618 10
0.5 BR M618 1
1.0 BR M618
0.5 WT M618 9
0.5 BR/WT M618 18
0.5 BL/GN M618 16
0.5 BL/YE M618 7

HANDY WITH HOLDER
NOT CONTAINED IN M618

DP E BOX HANDY

8 WIRE

TELEPHONE ANTENNA

BOX HANDY NOT CONTAINED IN M618

MULTI-LEAD 8 WIRE

DP SEPARATE MAP READ
NOT CONTAINED IN M614

DP TELEPHONE RECEIVER
NOT CONTAINED IN M614

(FREE-HANDED SPEAKING) MICROPHONE

E163 GP 3.1

TRANSMITTER-RECEIVER
NOT CONTAINED IN M618

TELEPHONE ANTENNA

14

K L M N O P

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BL = BLUE VI = VIOLET PK = PINK OR = ORANGE = TWISTED WIRES

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A B C D E

131
132
133
134
135
136
137
138
139
140

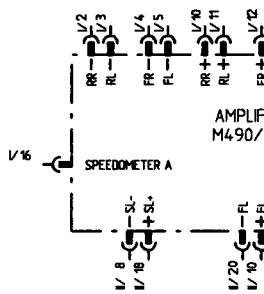
M490/M680

PLUG I = 18 PINS MQS
PLUG II = 20 PINS

COLOR CODING:
986 COUPE: M490 COLOR NATURAL
M680 COLOR GREEN

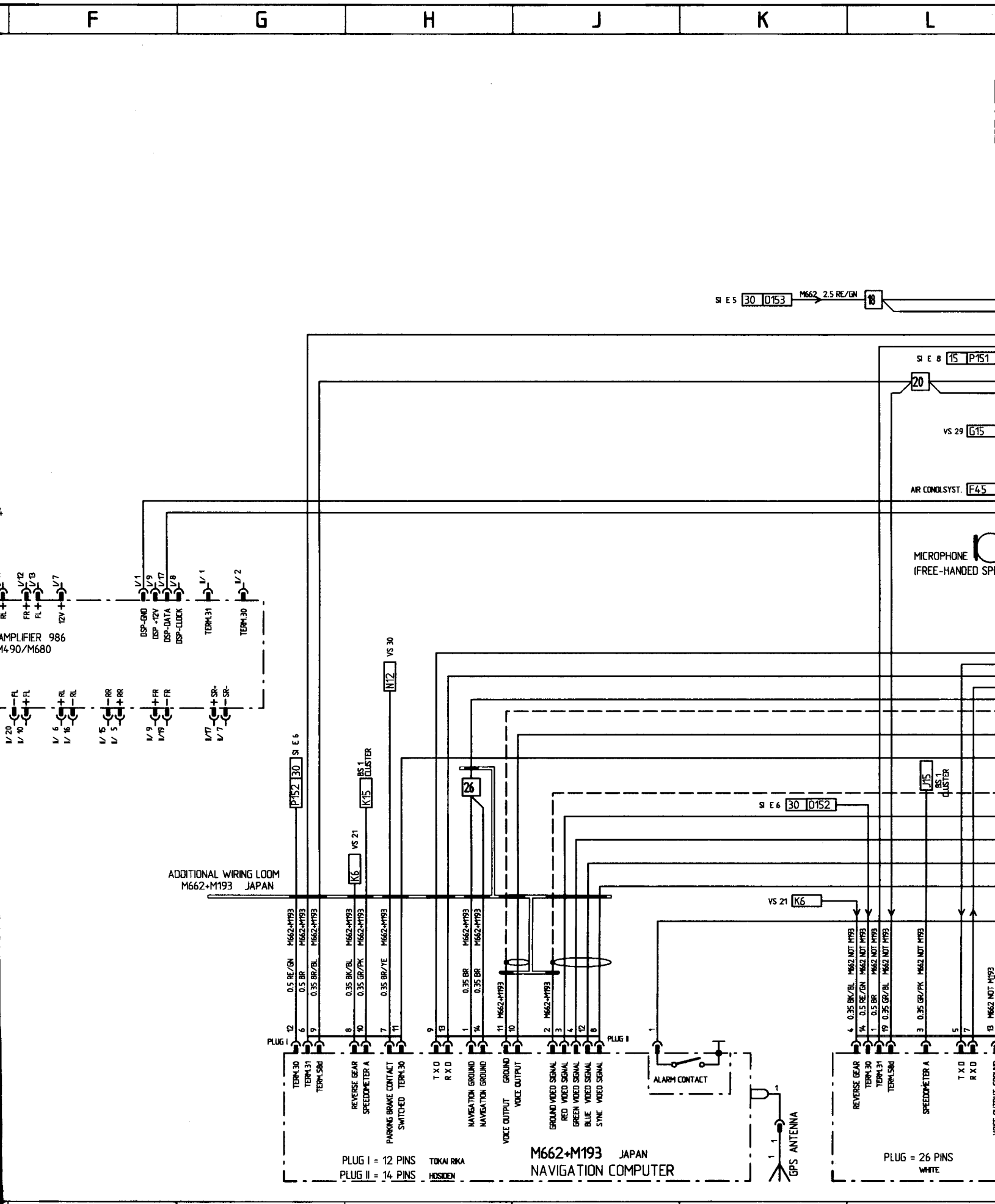
986 CABRIO: M490 COLOR BLUE
M680 COLOR BROWN

WIRING
SPEAKER
SEE SHEET 14



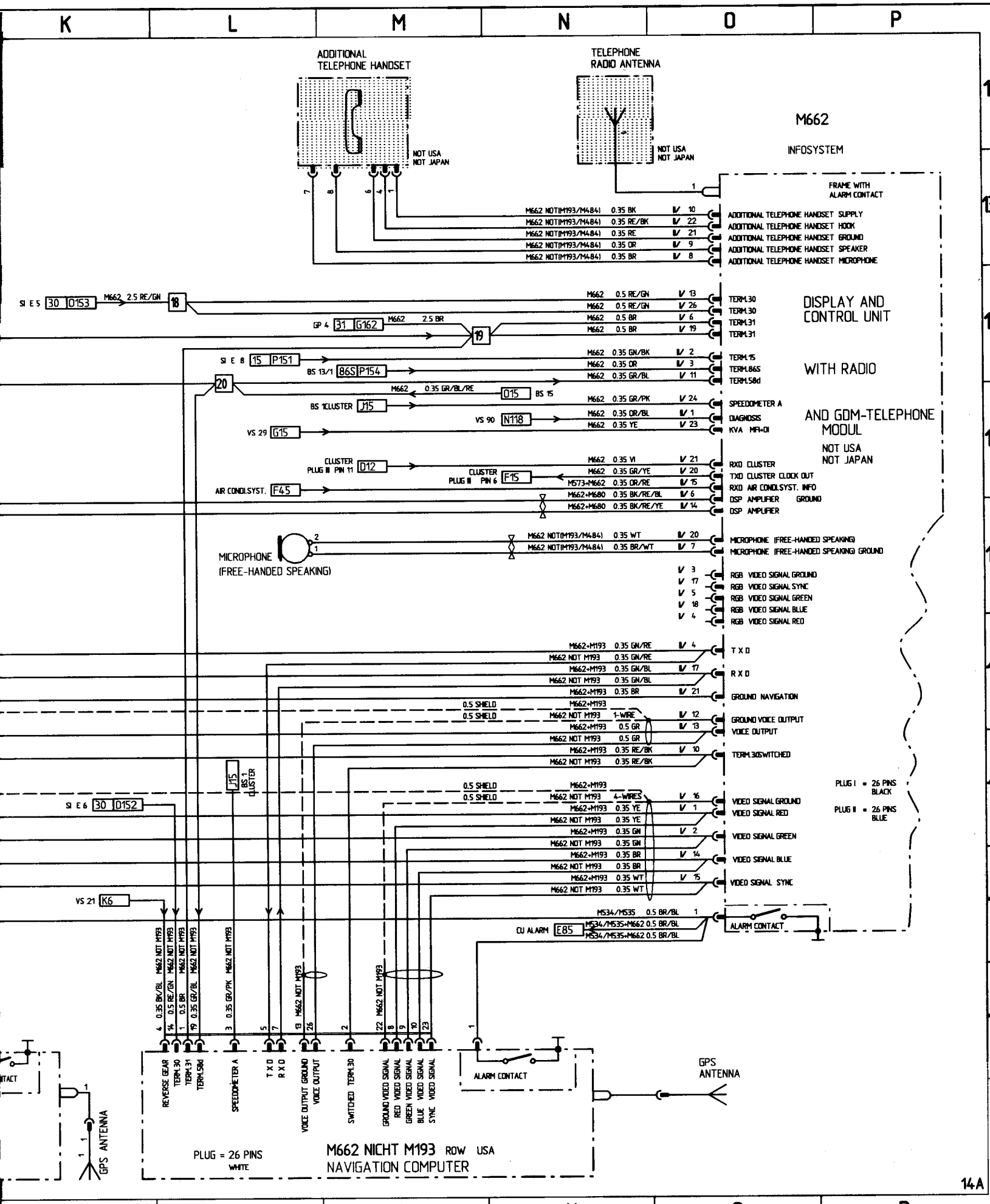
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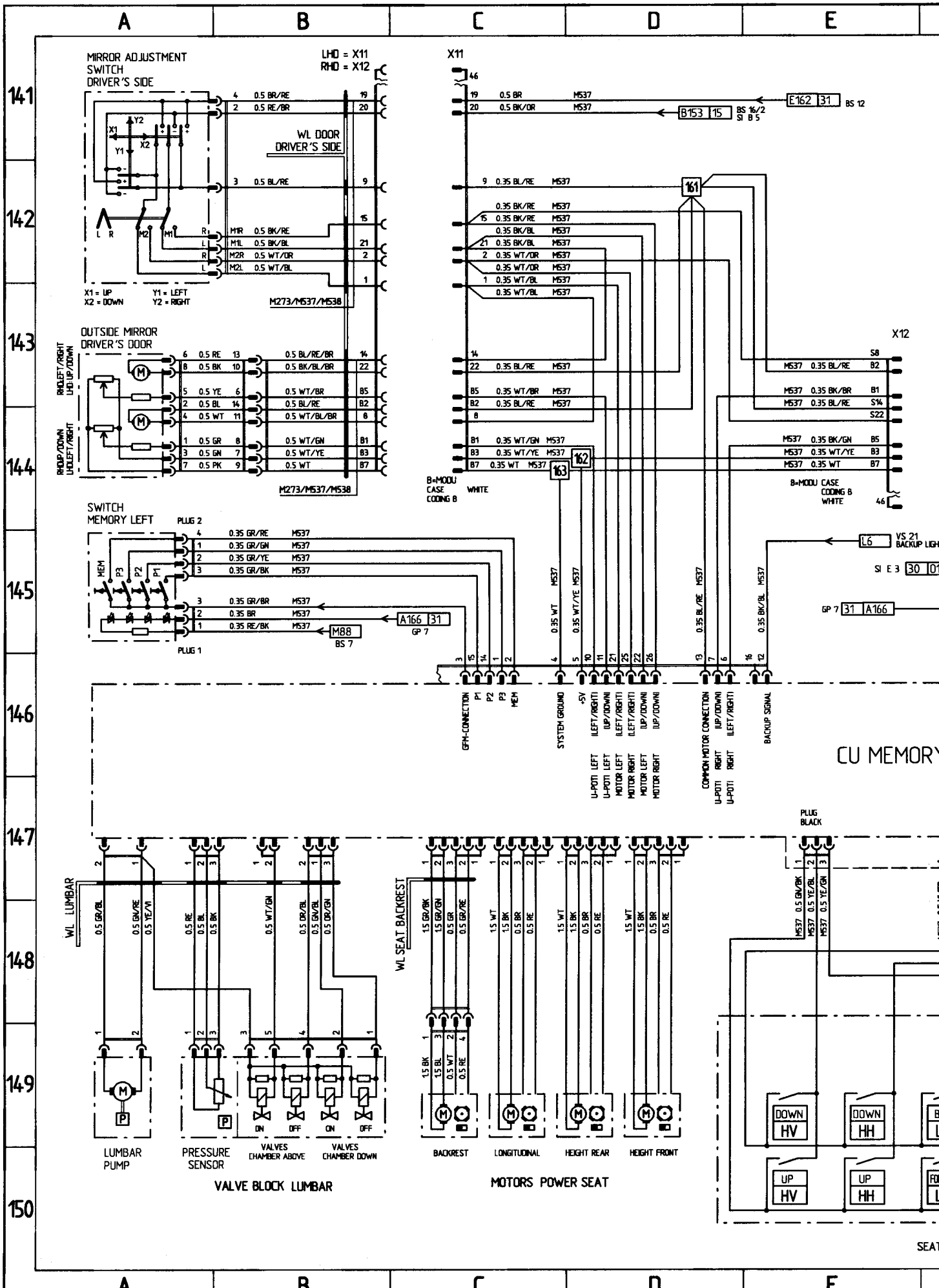
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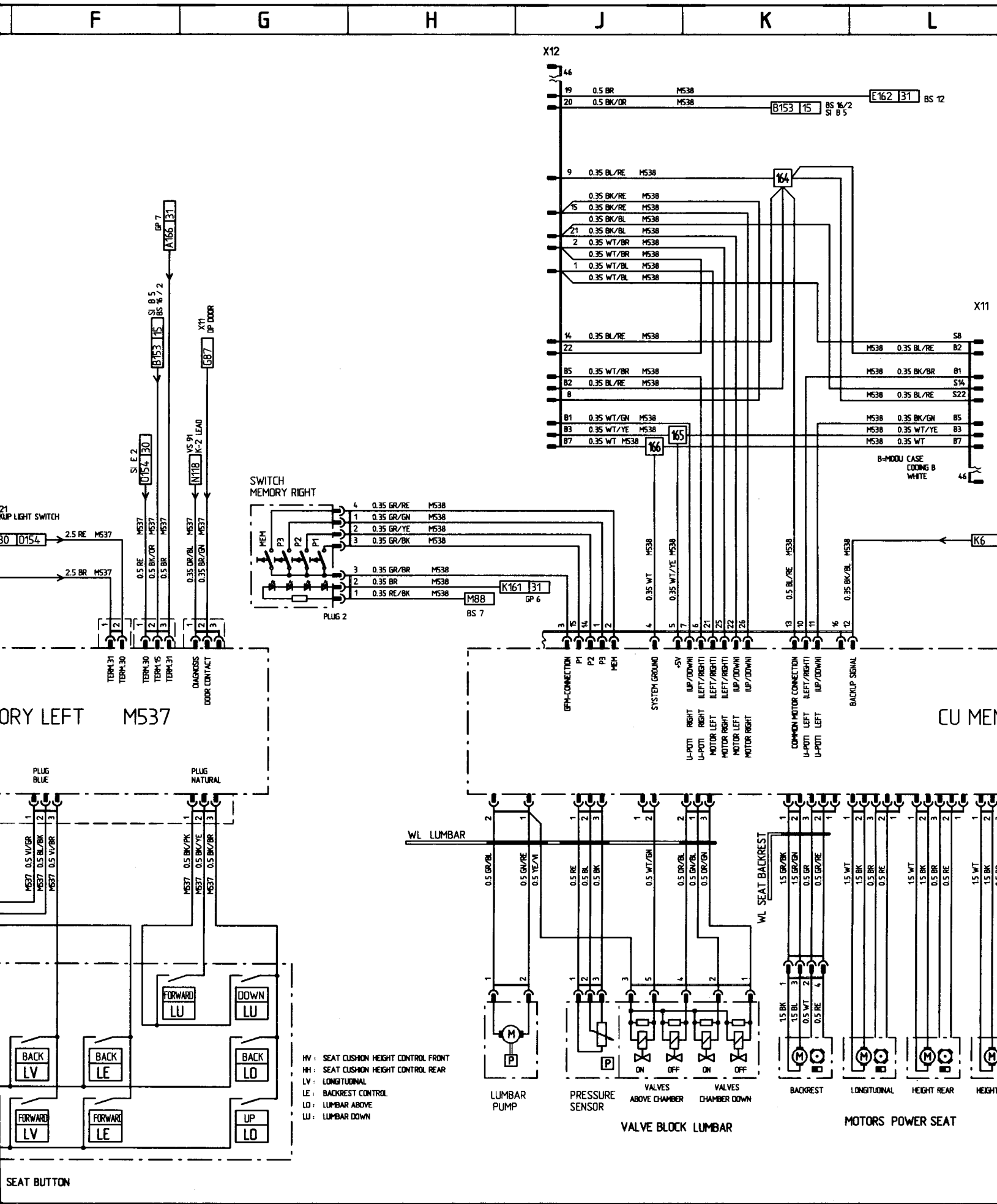
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MEMORY SEAT AND MIRROR



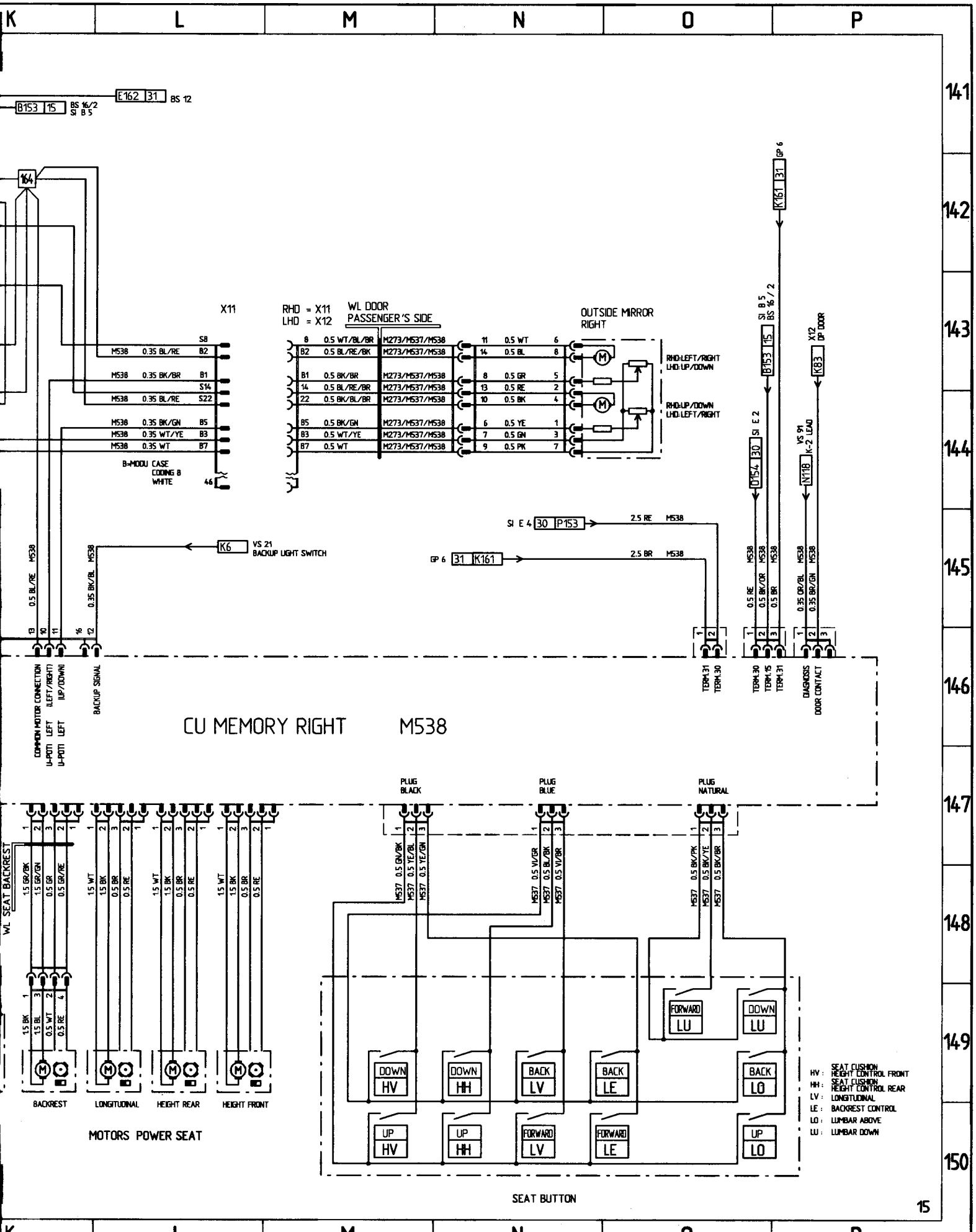
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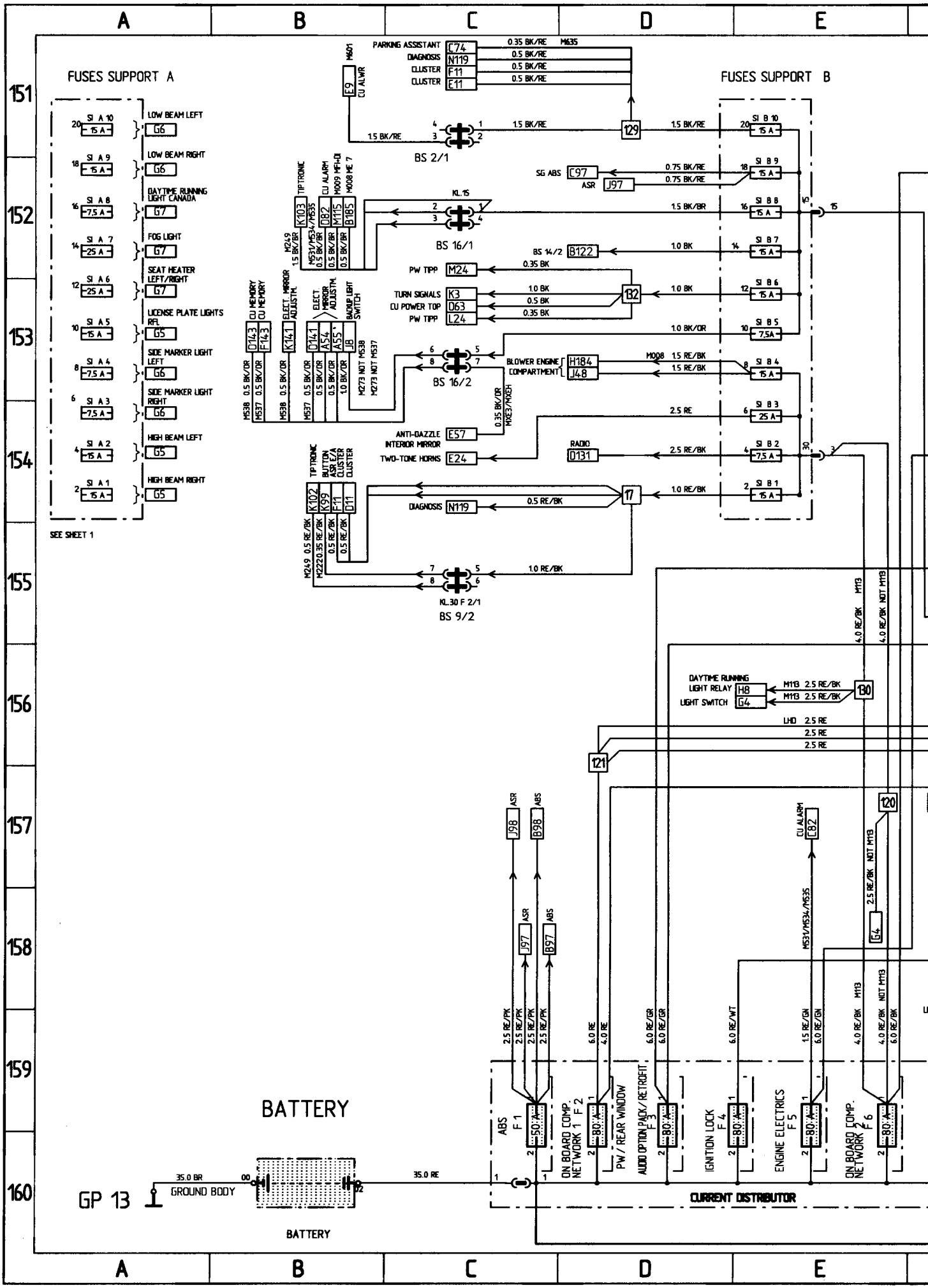
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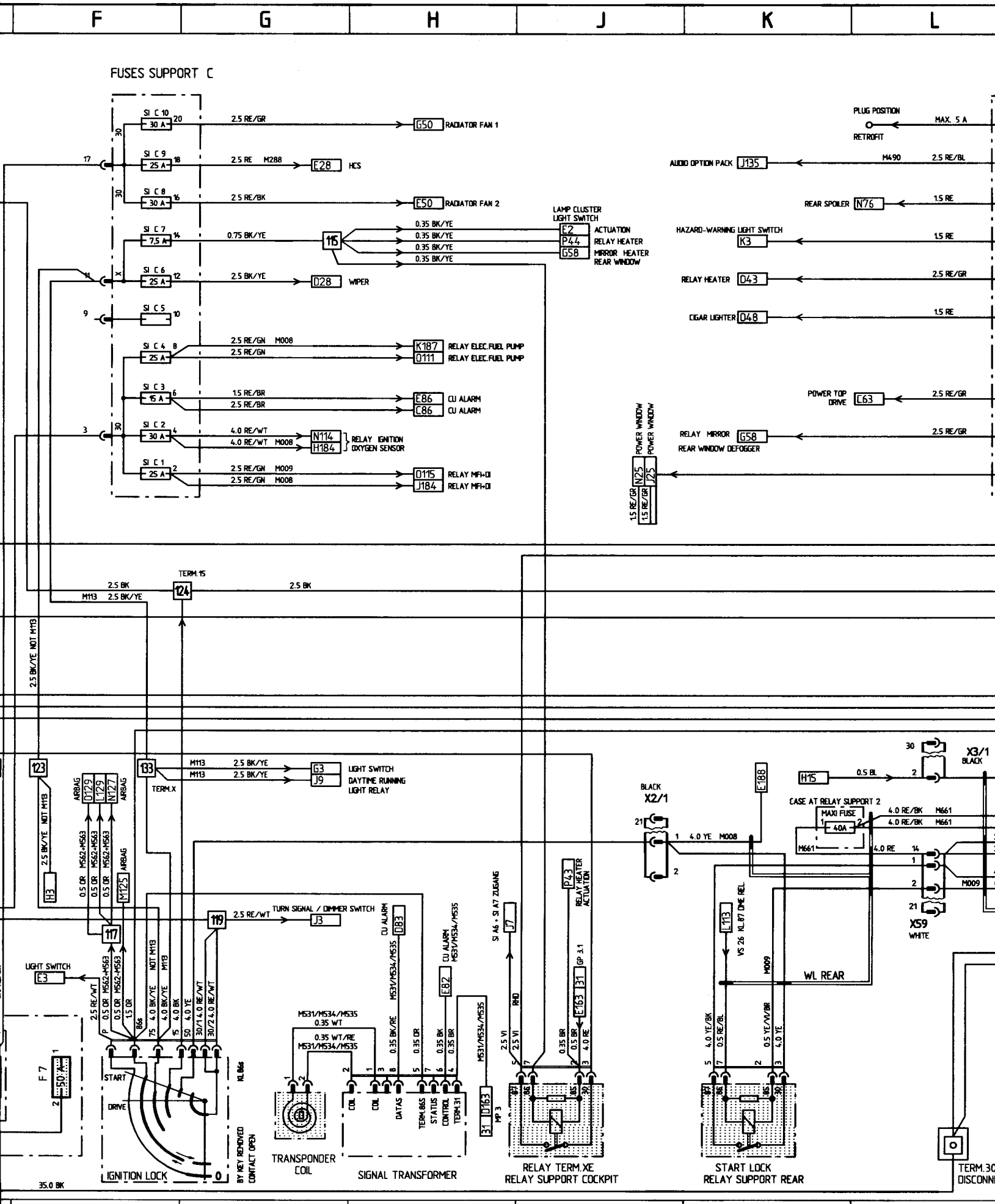
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POWER SUPPLY, FUSES



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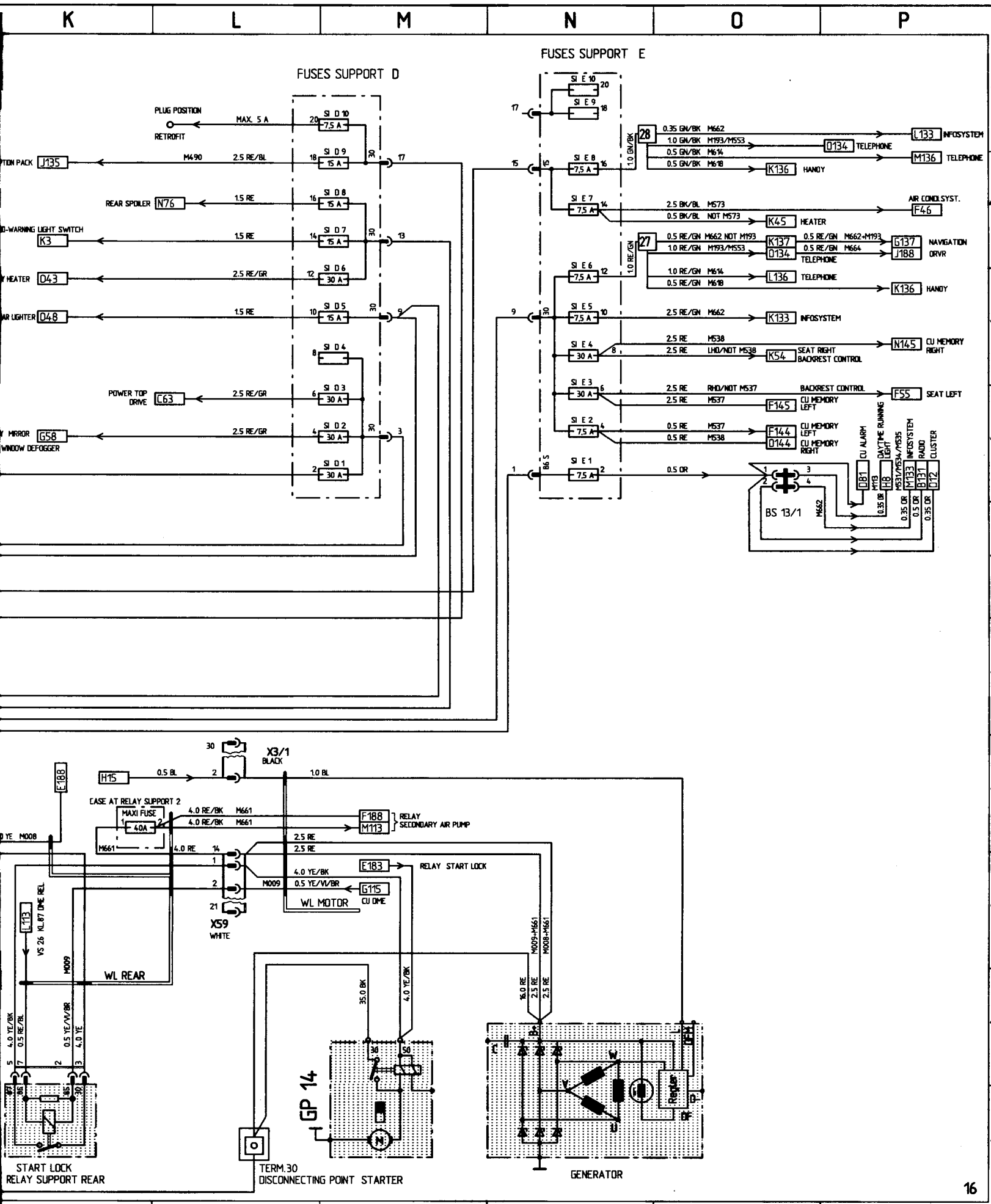
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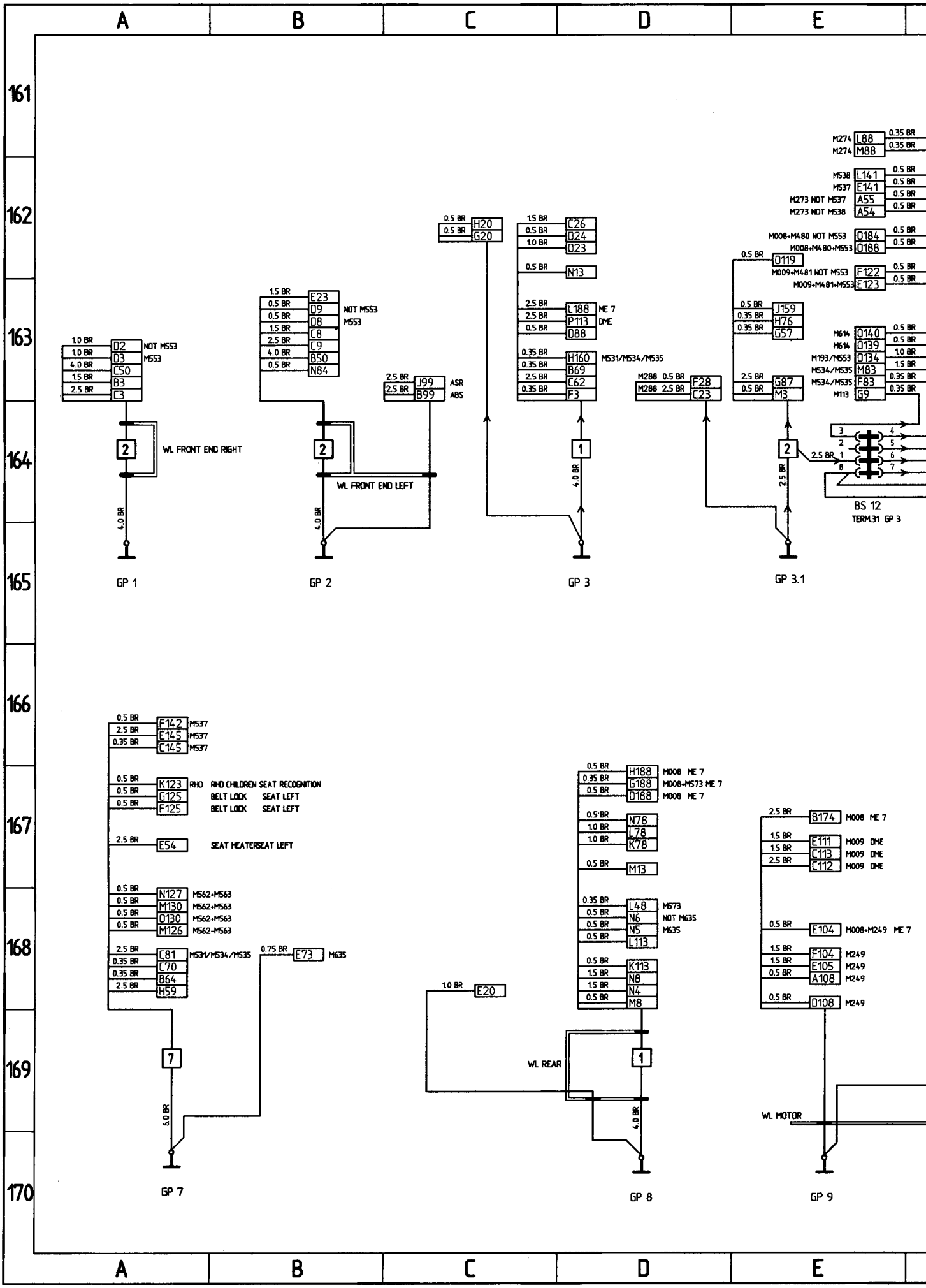
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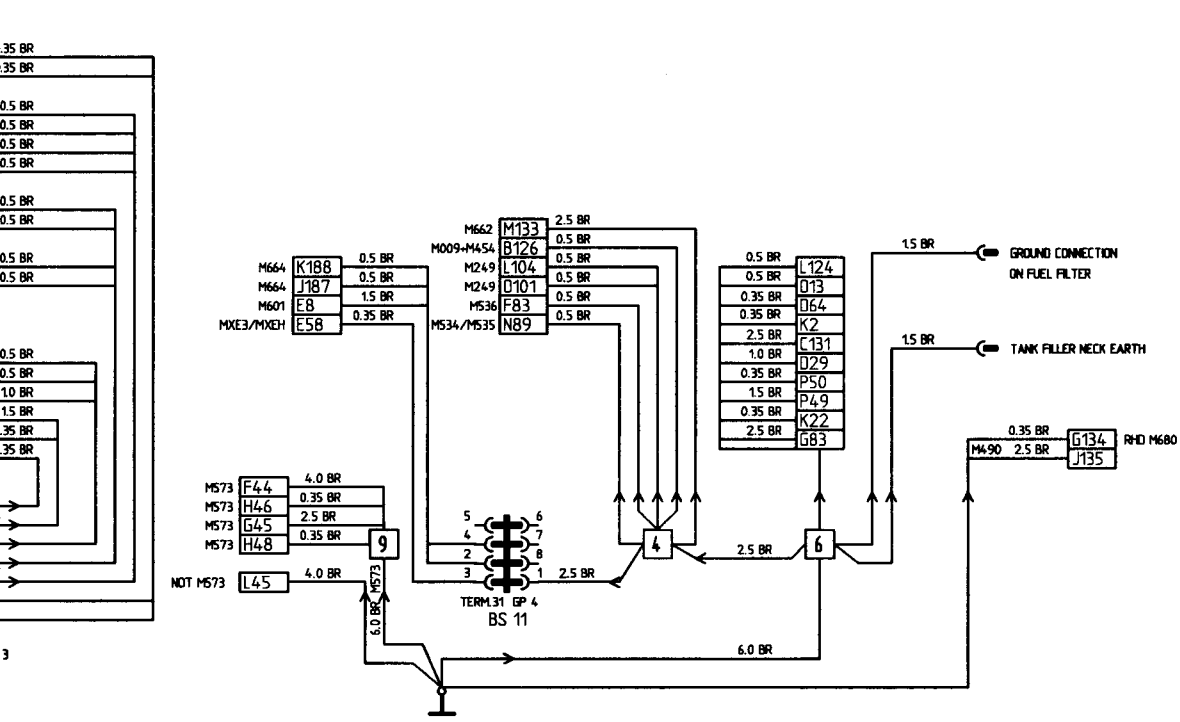
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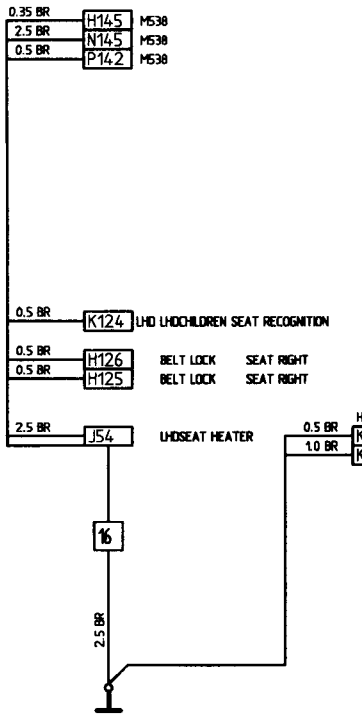
GROUND POINTS

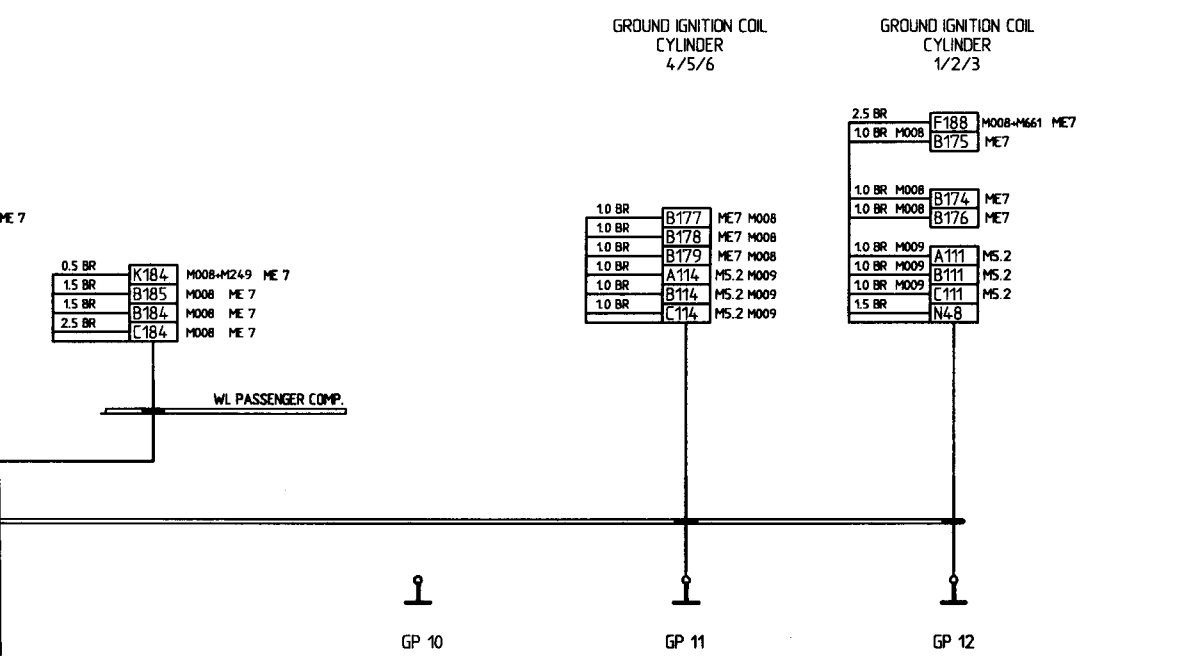


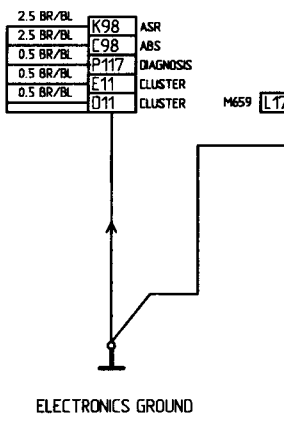
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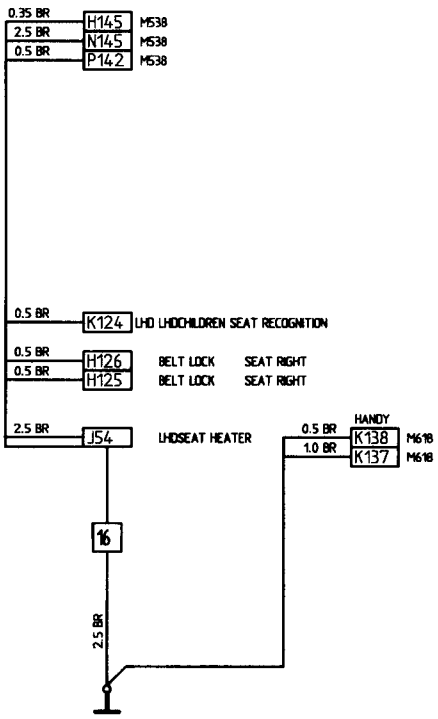


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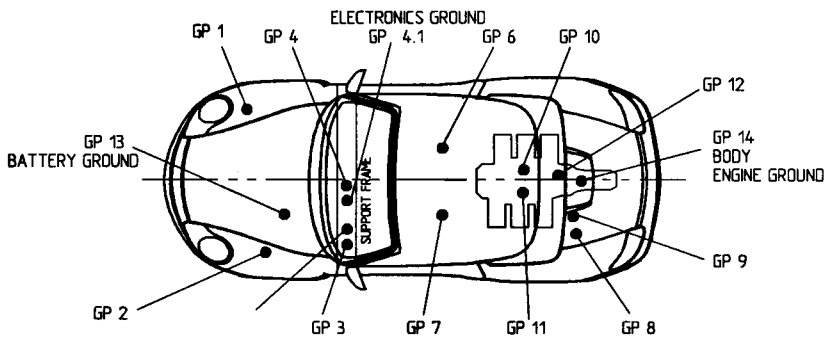
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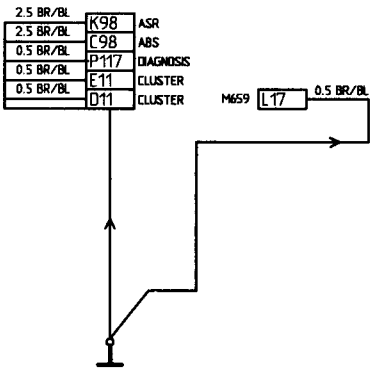
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K	L	M	N	O	P



GP 6





ELECTRONICS GROUND

17

K	L	M	N	O	P

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A B C D E

CONSTRUCTION COMPONENTS

DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	NOTE	FIELD IN WIRING DIAGR.
ALARM HORN	5bP	5bM	LEFT OF BATTERY	M81/82
ANTENNA AMPLIFIER	7bL	7bL	RIGHT ON THE A-PILLAREIGHT MIRROR OUTSIDE	A132
OUTSIDE TEMP. SENSOR	1dM	1dM	ATTACHED TO RIB OF PV PART	J20
STOP LIGHT SWITCH	6cP	6cL	BELOW DASHBOARD ON BRAKE PEDAL LINKAGE	K10
BRIDGE PLUG	6cQ	6cL		SIEHE BL.21
DIAGNOSIS CONNECTION	6cQ	6cQ	LEFT BELOW DASHBOARD	N/0120
ENGINE SPEED SENSOR	13c0	13c0		A115
THROTTLE VALVE SENSOR	11c0	11c0		A/B118/119
PRESSURE SWITCH AIR CONDITIONING SYSTEM	5bM	5bP	IN FRONT OF AIR CLEANER	H50
TWO-TONE HORNS	1dM	1dM	ABOVE UNDERSIDE PANEL	D/E21
BLOWER ENGINE COMPARTMENT	12cQ	12cQ		N50
BLOWER MOTOR RIGHT	3cL	3cL	UNDER MAIN HEADL. ON PU PART	C49/50
BLOWER MOTOR LEFT	3cQ	3cQ	UNDER MAIN HEADL. ON PU PART	A49/50
HALL SENSOR	12cM	12cM		A/B116
HYDRAULIC UNIT ABS	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	B-G92/93
ABS/ABD HYDRAULIC UNIT	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	J-092/93
KICK-DOWN SWITCH	5c0	5cL	UNDER THE ACCELERATOR PEDAL	0/P102
KNOCK SENSOR CYL.1-3	12cL	12cL		A/B117
KNOCK SENSOR CYL.4-6	12cQ	12cQ		A/B117
FUEL PUMP	5d0	5d0	IN THE TANK UNDER THE BATTERY	
CLUTCH SWITCH CRUISE CONTROL	5dQ	5dN	AT CLUTCH PEDAL	P111
INSTRUMENT CLUSTER	6pB	6mB		F122
OXYGEN SENSOR UPSTR.CATCYL. 1/3	14dQ	14dQ		H111
OXYGEN SENSOR UPSTR.CATCYL. 3/6	14dL	14dL		H111
OXYGEN SENSOR BEHIND CATCYL. 1/3	16dQ	16dQ		J111
OXYGEN SENSOR BEHIND CATCYL. 3/6	16dL	16dL		J111
IDLE SPEED POSITIONER	13c0	13c0		J120
MASS AIR FLOW SENSOR	13c0	13c0		K/L120
MICRO SWITCH CONVERTIBLE TOP UNLOCK	9a0	9a0	AT WIND COURSE FRAME	B70
MICRO SWITCH CONVERTIBLE TOP LOCK	9aN	9aN	AT WIND COURSE FRAME	B70
MICRO SWITCH VOKO CLOSE	13bN	13bN	IN REAR LUGGAGE COMPARTMENT	B62
MICRO SWITCH CONVERTIBLE TOP CLOSED	12bQ	12bQ	B-PILLAR LEFT	C70
NAVIGATION COMPUTER	6c0	6c0		G-N140
NTC TEMPERATURE FOR INTAKE AIR				A115
OIL PRESSURE SENSOR/SWITCH				J11
OIL LEVEL SENSOR				K11
OIL TEMPERATURE SENSOR				K11
ORVR	5c0	——		J190
SWITCH LIFTING	15dN	15dN	ON GEARBOX	B109/110
PEDAL VALUE SENSOR	5dP	5dM		K190

A B C D E

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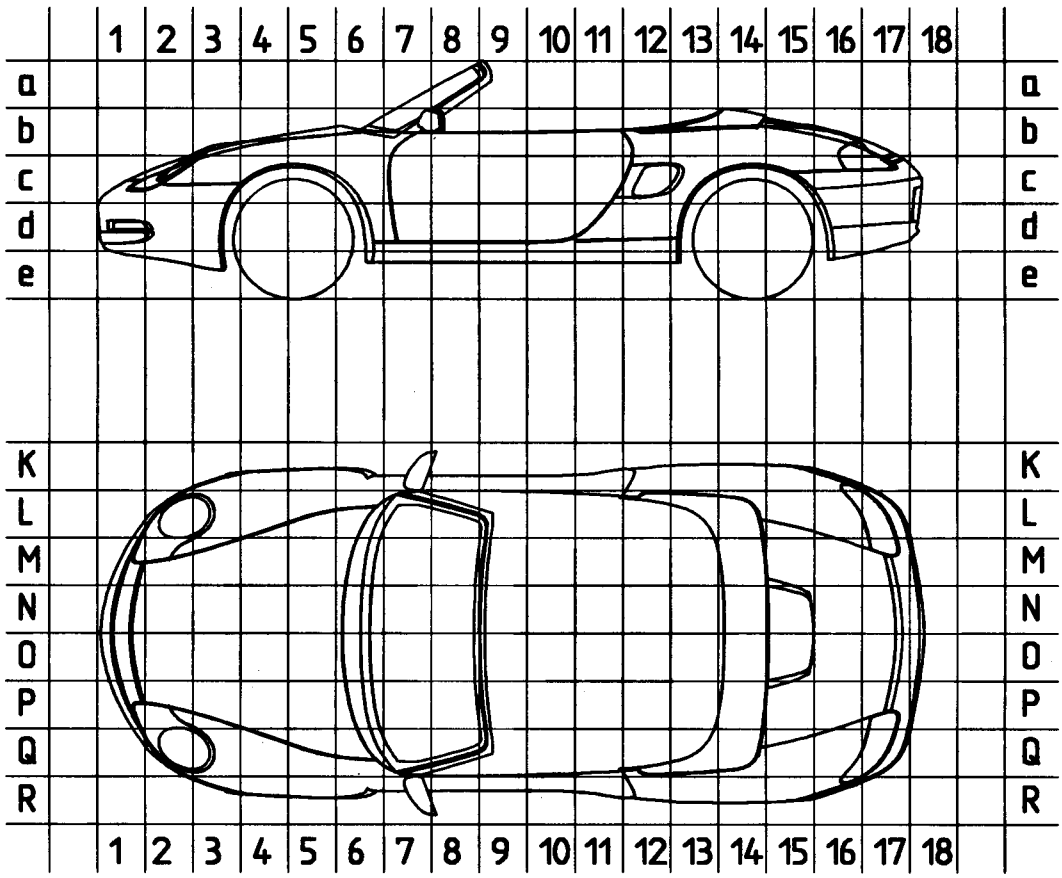
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DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	NOTE	FIELD IN WIRING DIAGRAM
RELAY AC COMPRESSOR	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L50
RELAY FLASHER	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	M1
RELAY MFI+DI	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L/M111
RELAY FUEL PUMP	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	N111
RELAY POWER TOP	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1 DOUBLE RELAY	A-E65-67
RELAY TWO-TONE HORN	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E21
RELAY ACTUATION HEATING	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	N41
RELAY RADIATOR FAN 1 STAGE 1	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	F50
RELAY RADIATOR FAN 1 STAGE 2	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	G50
RELAY RADIATOR FAN 2 STAGE 1	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	D50
RELAY RADIATOR FAN 2 STAGE 2	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E50
RELAY TERM.X	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	J160
RELAY ENGINE COMPARTMENT CLEANER FAN	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K/L50
RELAY FOG LIGHT SWITCH OFF USA/JAPAN	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E10
RELAY SECONDARY AIR PUMP	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	M111
RELAY MIRROR / REAR WINDOW DEFOGGER	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	G60
RELAY SPOILER EXTENSION	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K80
RELAY SPOILER RETRACTION	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L80
RELAY START LOCK	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	K160
RELAY DAYTIME RUNNING LIGHT	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1 DOUBLE RELAY	G/H10
RELAY HCS	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	F30
RELAY WIPER INTERMITTENT CONTROL	6cQ	6cL	FOOTWELL LEFT ON RELAY SUPPORT 1	E30
RELAY IGNITION / OXYGEN SENSOR	15bQ	15bQ	REAR LUGGAGE COMPARTMENT LEFT, ON RELAY SUPPORT 2	L111
BACKUP LIGHT SWITCH	14dN	14dN	ON GEARBOX	J10
WINDSHIELD WASHING FLUID PUMP	6dQ	6dQ	ON WAHSHER TANK REAR	D21
SECONDARY AIR PUMP	12bM	12bM		F/G111
FUSES SUPPORT	6dQ	6dL	ON THE A-PILLAR IN FOOTWELL	A-P151-154
PREDETERMINED MELTING AREAS	6cN	6cN	PASSENGER'S FOOTWELL	C-F159/160
HEADLIGHT CLEANER PUMP	6dQ	6dQ	WINDSHIELD WASHER PUMP	C21
STARTER	13cN	13cN		M160
CONTROL UNIT ABS	4cQ	4cQ	FRONT LUGGAGE COMPARTMENT LEFT	B-G94
CONTROL UNIT AIRBAG	7dN	7dN	FLOOR PANEL CENTER CONSOLE	D/P125/126
CONTROL UNIT ALARM SYSTEM/CENTRAL LOCKING SYSTEM	10dP	10dP	UNDER THE DRIVER SEAT	A82-88
CONTROL UNIT ALWR	6cM	6cP		DG10
CONTROL UNIT MFI+DI	15cP	15cP		CDE111-120
CONTROL UNIT HEATING, AIR CONDITIONING	6bO	6bO	IN CONTROL UNIT	A-E41/42
CONTROL UNIT CRUISE CONTROL WITH DRIVE MOTOR	6cQ	6dM	L. ABOVE FOOTWELL OUTLET NOZZLE	A/B125/126
CONTROL UNIT TIPTRONIC TRANSMISSION	15cN	15cN	IN REAR LUGGAGE COMPARTMENT	C-H101/102
LIGHTS ON BUZZER	6bP	6bP	IN CLUSTER	A/B15
TANK FILLING DETECTION	6bL	—		J190
FUEL LEVEL SENSOR	5dO	5dO	IN THE TANK UNDER THE BATTERY	P111
TANK VENTING VALVE	6cK	6cK		K120
AMPLIFIER	6bN	6bN	IN LUGGAGE COMPARTMENT RIGHT REAR	F/G135/136

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	FIELD IN WIRING DIAGRAM
Y SUPPORT 2	L50
1	M1
Y SUPPORT 2	L/M111
1	N111
1 DOUBLE RELAY	A-E65-67
1	E21
1	N41
1	F50
1	G50
1	D50
1	E50
1	J160
Y SUPPORT 2	K/L50
1	E10
Y SUPPORT 2	M111
1	G60
Y SUPPORT 2	K80
Y SUPPORT 2	L80
Y SUPPORT 2	K160
1 DOUBLE RELAY	G/H10
1	F30
1	E30
AY SUPPORT 2	L111
	J10
	D21
	F/G111
	A-P151-154
	C-F159/160
	C21
	M160
	B-G94
	D/P125/126
	A82-88
	DG10
	CDE111-120
	A-E41/42
	A/B125/126
	C-H101/102
	A/B15
	J190
	P111
	K120
	F/G135/136



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CONNECTORS AND ABBREVIATIONS

A	B	C	D	E

PLUG CONNECTIONS

CODE	NUMBER OF PINS	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	NOTE
X 1/1	21	CONNECTION WL PASSENGER COMPARTMENT/ WL FRONT END LEFT	4cP		IN LUGGAGE COMPARTMENT
X 1/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL FRONT END RIGHT	4cQ		
X 3/1	30	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR	15cP		
X 3/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR	15cP		
X10	4	CONNECTION WL PASSENGER COMPARTMENT/ WL MOTOR POWER TOP			
X11	46	CONNECTION WL PASSENGER COMPARTMENT/ WL DOOR LEFT	7cQ		
X12	46	CONNECTION WL PASSENGER COMPARTMENT/ WL DOOR RIGHT	7cL		
X15	3	CONNECTION WL PASSENGER COMPARTMENT/ WL HARDTOP	12cQ		
X16	6, 8 (2X4)	CONNECTION WL PASSENGER COMPARTMENT/ WL SEAT HEATING LEFT	9dP		
X17	6, 8 (2X4)	CONNECTION WL PASSENGER COMPARTMENT/ WL SEAT HEATING RIGHT	9dM		
X20	4	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER	6cO		
X20/1	12	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER PLUG Y	6cO		
X20/1	10	CONNECTION WL PASSENGER COMPARTMENT/ WL HEATER PLUG X	6cO		
X24	2	CONNECTION WL PASSENGER COMPARTMENT/ WL HIGH MOUNTED STOP LIGHT			
X59	21	CONNECTION WL MOTOR/ WL REAR	15cP		
X65	15	CONNECTION WL DOOR DRIVER'S SIDE/ WL OUTSIDE MIRROR DRIVER'S SIDE	7bR		
X66	15	CONNECTION WL DOOR PASSENGER'S SIDE/ WL OUTSIDE MIRROR RIGHT	7bK		
X2/1	21	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		
X2/2	21	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		
X2/3	6	CONNECTION WL PASSENGER COMPARTMENT/ WL REAR	15cP		

M-NUMBERS

M 008	986 S 3,2 LITRE
M 009	986 2,5 LITRE
M 113	CANADA VERSION (DAYTIME RUNNING LIGHT)
M 139	ADJUSTABLE SEAT HEATING, LEFT SEAT
M 193	JAPAN VERSION
M 222	ANTI-SKID REGULATOR (ASR)
M 249	AUTOMATIC TRANSMISSION (TIPTRONIC)
M 273	OUTSIDE MIRROR POWER ADJUSTABLE
M 288	HEADLIGHT CLEANING SYSTEM
M 340	ADJUSTABLE SEAT HEATING, RIGHT SEAT
M 441	RADIO PREPARATION
M 454	CRUISE CONTROL
M 465	REAR FOG LIGHT LEFT
M 466	REAR FOG LIGHT RIGHT
M 480	6-RANGE-TRANSMISSION
M 481	5-RANGE-TRANSMISSION
M 490	AUDIO OPTION PACK
M 531	CODE LOCK CENTRAL LOCKING SYSTEM
M 534	ANTI-JOY RIDE DEVICE SYSTEM
M 535	ANTI-JOY RIDE DEVICE SYSTEM USA
M 550	HARDTOP
M 553	USA / CANADA VERSION
M 573	AIR CONDITIONING SYSTEM
M 601	LITRONIC HEADLIGHT
M 614	TELEPHONE PREPARATION
M 618	HANDY
M 635	PARKING ASSISTANT
M 651	POWER WINDOWS
M 659	ON-BOARD COMPUTER
M 660	OBD II
M 661	STRICTER EMISSIONS CONCEPT
M 662	INFOSYSTEM NAVIGATION
M 664	ORVR
M 680	DIGITAL SOUND PACKAGE
M 692	CD-CHANGER
MXE3 / MXEH	ANTI-DAZZLE INTERIOR MIRROR

A	SPEEDO OU
P	IGNITION Sw
X	IGNITION Sw
XE	TERM.X DI
15	IGNITION Sw
86s	IGNITION Sw
K	DIAGNOSIS
30	PERMANENT
31	GROUND
54	STOP LIGHT

A	B	C	D	E

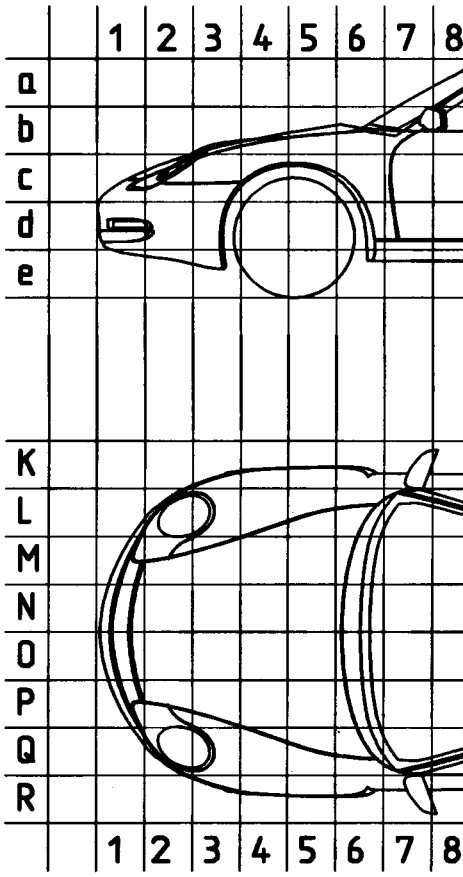
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	FIELD IN WIRING DIAGRAM
RTMENT FRONT LEFT WHITE	D7/8, J17, D24, C48, M84, B96, J96,
BLACK	D4/5, C49,
BLACK	J8, G13, M47, L118, F124, L157, M185,
BLUE	J103-106
BLACK	B63,
BLACK	J23-24, C56, H-K88, LM129 F137, L143,
BLACK	N23-24, C54, H-K83, LM129 H137, E143,
BLACK	H58
WHITE	F53, G123,
BLACK	M53, H123,
BLACK	K44
BLACK	C-D43
BLACK	A-B43
BLACK	M8,
WHITE	M7, L13, M48, H112, L158, C-G185,
WHITE	C59,
WHITE	C52,
BLACK	M6, M14, J48, N113, J157, J185,
YELLOW	F18, J46, M76, M87, G96, N96, N114, H185,
BLACK	G8

ABBREVIATIONS

CODE	MEANING	CODE	MEANIN
AAV	CARBON CANISTER SHUTOFF VALVE	HA	REAR AXLE
ABD	AUTOMATIC BRAKE DIFFERENTIAL	HF	HIGH FREQUE
ABS	ANTILOCK BRAKING SYSTEM	HFM	HOT-FILM A
AC	AIR CONDITIONING SYSTEM	HL	REAR LEFT
AGR	EXHAUST GAS RECIRCULATION	HR	REAR RIGHT
ALWR	AUTOM. HEADLIGHT VERTICAL AIM CONTROL	KL	TERMINAL
ASR	ANTI-SKID REGULATOR	KLS	COMBINED S
ATF	OUTSIDE TEMP. SENSOR	KS	WIRING LOO
BKV	BRAKE BOOSTER	KVA	FUEL CONSU
BS	BRIDGE PLUG	LED	LIGHT-EMIT
BVA	BRAKE PAD WEAR DISPLAY	LL	LEFT-HAND
C A N	SERIAL DATA TRANSFER	LWR	HEADLIGHT
CLOCK	CLOCK SIGNAL	ME	MOTRONIK V
DATA	DATA SIGNAL	MMI	ENGINE ACT
DF	SPEED SENSOR	MMR	NOMINAL TO
DFA	ENGINE-SPEED SENSOR OUTPUT	MP	GROUND PO
DG	ENGINE SPEED SENSOR	NF	LOW FREQU
DK	THROTTLE VALVE	NL	FOG LIGHT
DKG	THROTTLE VALVE SENSOR	NR	NUMBER
DME	DIGITAL ENGINE ELECTRONICS	NSL	REAR FOG L
EDS	ELECTRONIC DIFFERENTIAL LOCK	NTC	NEGATIVE T
EKP	ELEC.FUEL PUMP	ORVR	FUEL VAPOU
EV	FUEL INJECTOR	PCM	PORSCHE
FH	POWER WINDOW	POV	DIAGNOSIS F
GND	GROUND	PIN	PIN



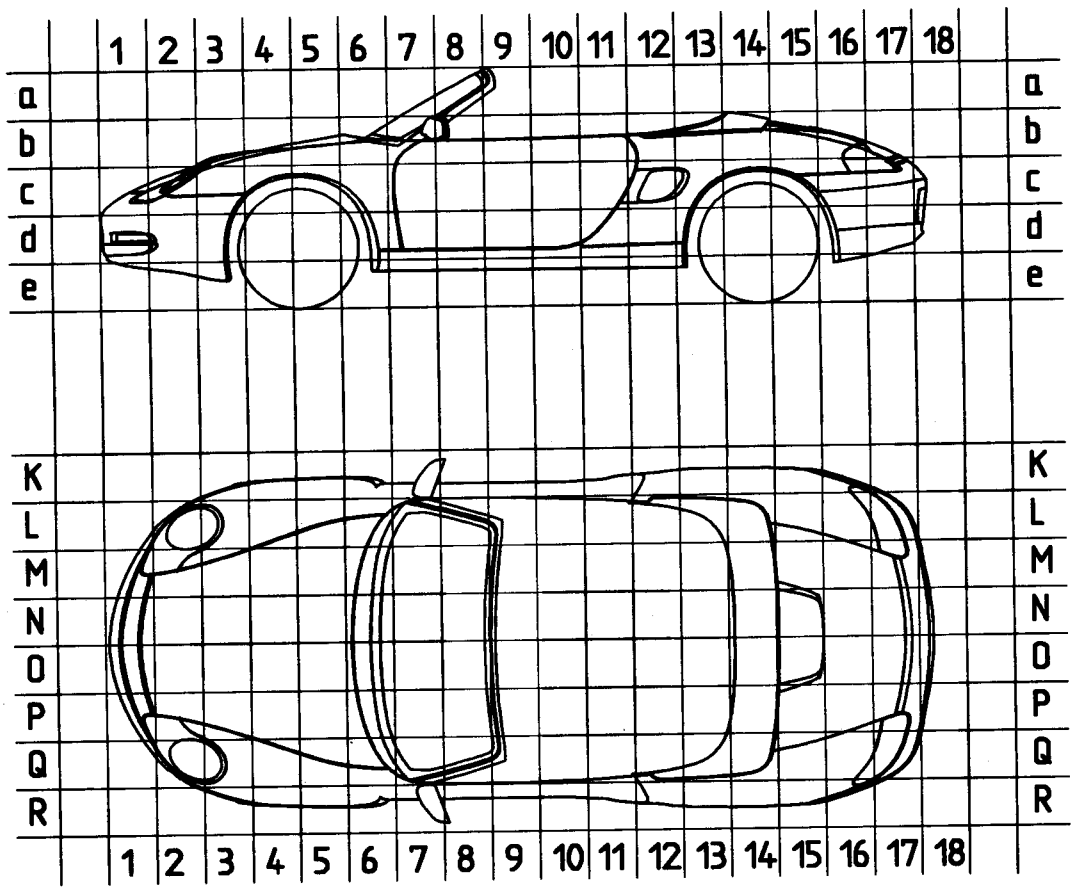
)0 OUTPUT		56 LIGHT SWITCH POSITION	II
ON SWITCH POSITION	0	56a/56b HIGH BEAM/LOW BEAM	
ON SWITCH POSITION	I+II	57 LIGHT SWITCH POSITION	I
X DISCHARGING		58 LIGHT SWITCH POSITION	I+II
ON SWITCH POSITION	II+III	58R/58L SIDE MARKER LIGHT RIGHT/LEFT	
ON SWITCH POSITION	I+II+III	58d INSTRUMENT LIGHTS	LAMPS BULB/LED
OSIS K		31d INSTRUMENT LIGHTS	MINUS POTENTIAL LED
ANENT POSITIVE		Ti INJECTION SIGNAL	
ND		Tn ROTATIONAL SPEED SIGNAL	
LIGHT		61 GENERATOR D+	

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K	L	M	N	O	P

	CODE	MEANING	CODE	MEANING
ALVE	HA	REAR AXLE	POTI	POTENTIOMETER
IAL	HF	HIGH FREQUENCY	PSM	PORSCHE STABILITY MANAGEMENT
	HFM	HOT-FILM AIR MASS METER	RDK	TIRE PRESSURE CONTROL
	HL	REAR LEFT	ROW	REST OF WORLD
	HR	REAR RIGHT	RFL	BACKUP LIGHT
AIM CONTROL	KL	TERMINAL	RL	RIGHT-HAND DRIVE
	KLS	COMBINED STEERING COLUMN SWITCH	SA	SAUDI ARABIA
	KS	WIRING LOOM	SG	CONTROL UNIT
	KVA	FUEL CONSUMPTION INDICATOR	SI	FUSE
	LED	LIGHT-EMITTING DIODE	SILA	SAFETY LAMP
	LL	LEFT-HAND DRIVE	SRA	HEADLIGHT CLEANING SYSTEM
	LWR	HEADLIGHT VERTICAL AIM CONTROL	ST	PLUG
	ME	MOTRONIK WITH ELECTRON. THROTTLE CONTROL	TC	TRACTION CONTROL
	MMI	ENGINE ACTUAL IMPULSE	TEL.MUTE	RADIO MUTING CONTROL
	MMR	NOMINAL TORQUE	TI	INJECTION TIME
T	MP	GROUND POINT	TN	ENGINE SPEED
	NF	LOW FREQUENCY	TS	DISCONNECTING POINT
	NL	FOG LIGHT	VA	FRONT AXLE
	NR	NUMBER	VDKD	LID F CONVERT: TOP HOUSING
	NSL	REAR FOG LIGHT	VL	FRONT LEFT
CK	NTC	NEGATIVE TEMPERATURE COEFFICIENT	VR	FRONT RIGHT
	ORVR	FUEL VAPOUR EXTRACTION	VS	CONNECTING POINT
	PCM	PORSCHE INFOSYSTEM NAVIGATION	WW	WORLDWIDE
	PDV	DIAGNOSIS PUMP FOR TANK LEAK RECOGNITION DEVICE	ZK	IGNITION CIRCUIT
	PIN	PIN	ZV	CENTRAL LOCKING SYSTEM



19

K	L	M	N	O	P

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WELDING POINT

A | B | C | D | E

WELDING POINT IN WL PASSENGER COMP.

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1	BR	GROUND	7cP	7cM	D164
2	BR	GROUND	7cP	7cM	E164
3					
4	BR	GROUND	7cP	7cM	G164
6	BR	GROUND	7cP	7cM	H164
7	BR	GROUND	10dP	10dP	A169
9	BR	GROUND	7cP	7cM	G164
16	BR	GROUND	10dM	10dM	K164
17	RE/BK	TERM.30 SI B 1	7cQ	7cL	D154
18	RE/GN	TERM.30 INFOSYSTEM	7cM	7cP	L133
19	BR	TERM.31 INFOSYSTEM	7cM	7cP	M133
20	GR/BL	TERM.58dINFOSYSTEM	7cM	7cP	L134
21	BK/BL	BACKUP LIGHT			L6
22	WT/BK	TERM.56	7bQ	7bL	H3
24	GN/OR	TERM.30 ORVR	7cM		J188
26	GR	NAVIGATION JAPAN	7cN	7cN	H137
27	RE/GN	TERM.30 SI E 6 AUDIO /ORVR	7cQ	7cL	N152
28	GN/BK	TERM.15 SI E 8 AUDIO /ORVR	7cQ	7cL	N151
29	YE	FUEL CONSUMPTION INDICATOR	7dQ	7dQ	E14
30	BR/YE	PARKING BRAKE CONTACT	7cQ	7cQ	N13
31	YE/WT	FOG LIGHT ROW	7cQ	7cL	E5
32	YE/WT	FOG LIGHT USA/JAPAN	7cQ	7cL	E5
33	BK/WT	TURN SIGNALS LEFT	7cQ	7cQ	K4
34	BK/GN	TURN SIGNALS RIGHT	7cQ	7cQ	L6
35	GR	TERM.58 HIGH BEAM			H5
37	BR/GN	BRAKE PAD WEAR DISPLAY FR	7cM	7cM	J19
38	BR/BK	BRAKE PAD WEAR DISPLAY FR	7cM	7cM	J19
39	BL	TERM.61 CHARGE INDICATOR	7cP	7cM	E15
42	GR/BL	TERM.58d	7cM	7cP	M16
46	BR/OR	ANALOG GROUND	7cP	7cM	F14
49	BK/YE	TERM.X	7cP	7cL	C27
53	BR/BK	BRAKE PAD WEAR DISPLAY FL CLUSTER	7cQ	7cQ	H19
54	BR/GN	BRAKE PAD WEAR DISPLAY FL CLUSTER	7cQ	7cQ	H19
55	BR	FL > BRAKE PAD WEAR DISPLAY	7cQ	7cQ	G19
56	BR	FR > GROUND WHEEL CARRIER	7cM	7cM	H19
61	GR/GN	REAR WINDOW DEFOGGER	7cQ	7cL	F57
65	BK/GR	TERM.87 RELAY ACTUATION HEATING	7cM	7cP	M46
66	BL/BR	SAFE MOTOR	7dQ	9eQ	J84
70	BR/GN	DOOR CONTACT	XX	7cL	H84
71	BL/WT/BR	DOOR RIGHT LOCK	XX	7cL	J84
72	GR/WT	ALARM SIREN	7dQ	7dQ	E83
73	BR/YE	DOOR LIGHT	8eQ	9eQ	K87
74	BR/GN/WT	DOOR CONTACT	7cR	XX	H86
75	BL/WT/BR	DOOR LOCKED	10eQ	XX	H85
76	BR/RE	DOOR LOCK UP	10eQ	9eQ	H86
77	BR/WT	DOOR LOCK CLOSE	7cP	9eQ	H84
79	RE/BK	MAKE UP MIRROR	9aP	9aP	L88
81	GN/OR	DOOR LOCK CLS MOTOR	7dQ	9eQ	J85
82	BL/YE	DOOR LOCK CLS MOTOR	7dQ	9eQ	J85
88	WT/BR	ESO, RL CLUSTER MFI+DI	6cB	6cB	F96
90	OR/BK	K2 - LEAD	6cQ	6cQ	N118
91	OR/BK	K2 - LEAD	6cQ	6cQ	N118
99	RE/BL	ME 7 TERM.86 REL. ELEC.FUEL PUMP	7dQ	7cL	K184
100	RE/BL	DME TERM.86 REL. ELEC.FUEL PUMP	7dQ	7cL	N114
104	OR/BK	K1 - LEAD	9eR	9eR	P119
107	VI/GN	TN-SIGNAL	7dQ	7cL	O117
108	GN/RE	CU AIRBAG CRASH OUTPUT	8eQ	9eR	M126
109	VI/GN	TN-SIGNAL	7dQ	7cL	P117
110	OR/RE	DIAGNOSE AND CONTROL CLUSTER	7cP	7cM	C126
113	RE/GN	TERM.30 TELEPHONE	5cP	5cP	M136

WELDING POINT IN WL PASSENGER COMP.

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITI VEHICL LHD
115	BK/YE	TERM.XE SI C 7 CONTROL WIRE	7cQ
117	OR	SENSOR SIDE AIRBAG	7cP
119	RE/WT	IGNITION LOCK	7cP
120	RE/BK	TERM.30 F6 CURRENT DISTRIBUTOR	7cP
121	RE	GENERAL ON BOARD COMP. NETWORK	7cP
123	BK/YE	TERM.X IGNITION LOCK	7cP
124	BK	TERM.15 IGNITION LOCK	7cP
127			
129	BK/RE	TERM.15 SI B 10	7dQ
130	RE/BK	TERM.30 M113 DAYTIME RUNNING LIGHT	7dQ
131			
132	BK	TERM.15 SI B 6	7dQ
133	BK/YE	TERM.X DAYTIME RUNNING LIGHT	7cP
137			
138			
139	YE/BK	D-TELEPHONEMUTE	6cB
140	YE/BK	HANDY MUTE	7cL
141	BR/WT	SPEED SENSOR FL	6cP
142	BR/BL	SPEED SENSOR FL	6cP
143	BR/WT	SPEED SENSOR FR	6cP
144	BR/BL	SPEED SENSOR FR	6cP
145	BR/WT	ALWR SENSOR FRONT LEFT	
146	RE/VI	ALWR 5VOLT FL	
147	BR/PK	ALWR GROUND FL	
150			
151	BL/GN/RE	LID LOCK	10eQ
152	BL/YE/RE	LID LOCK	10eQ
155	BK	LEAD CD-CHANGER	
156	BR	LEAD CD-CHANGER	
157	BR/BL	AUDIO OPTION PACK RADIO LF-WIRE	
161	BL/RE	LHDCU MEMORY LEFT	8eQ
162	WT/YE	LHDCU MEMORY LEFT	8eQ
163	WT	LHDCU MEMORY LEFT	8eQ
164	BL/RE	RHDCU MEMORY RIGHT	XX
165	WT/YE	RHDCU MEMORY RIGHT	XX
166	WT	RHDCU MEMORY RIGHT	XX

WELDING POINT IN WL FRONT END LEFT

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITI VEHICL LHD
1			
2	BR	GROUND	4cQ
3			
4			
5			
6			
7	BK/YE	+ TWO-TONE HORNS	1dM
8	BR	- TWO-TONE HORNS	1dM
9			
10			

WELDING POINT IN WL FRONT END RIGHT

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITI VEHICL LHD
1			
2	BR	GROUND	4cL
3			
4			
5			
6			

A | B | C | D | E

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MP.

POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
cQ	7cL	G152
7cP	7cM	F158
7cP	7cM	G158
7cP	7cM	E157
7cP	7cM	D156
7cP	7cM	F157
7cP	7cL	F155
7dQ	7cL	D151
7dQ	XX	E156
7dQ	7cL	D153
7cP	7cM	F157
cB	6cB	L135
7cL	7cL	J136
cP	6cP	F98/N98
cP	6cP	F97/N97
cP	6cP	F98/N98
cP	6cP	F97/N97
		G9
		G8
		G9
0eQ	10eQ	N83
10eQ	10eQ	N83
		B133/F133
		B134/F134
		F135
eQ	XX	D142
eQ	XX	D144
eQ	XX	C144
XX	9eL	K142
XX	9eL	J144
XX	9eL	J144

POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
cQ	4cQ	B164
dM	1dM	D22
dM	1dM	E22

T

POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
cL	4cL	A164

WELDING POINT IN WL REAR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1	BR	GROUND	15cP	15cP	D169
10					
11					
12					
13	BK/OR	STOP LIGHT	15cP	15cP	N8
14					
15					
16					
20					
21					
22	BK	TERM.87 REL. IGNITION / OXYGEN SENSOR	15cQ	15cQ	J113
23					
24					
25	RE/GN	TERM.30 RELAY MFI+DI	15cQ	15cQ	L114
26	RE/BL	TERM.87 RELAY MFI+DI	15cQ	15cQ	L114 / E187
27					
28					
29					
30					
40					
41					
42					
43	BR/GN	BRAKE PAD WEAR DISPLAY RL	15 cQ	15 cQ	F19
44	BR	BRAKE PAD WEAR DISPLAY RL GROUND WHEEL CARRIER	15 cQ	15 cQ	F19
45					
46					
47					
48					
49					
50					

WELDING POINT IN WL DOOR DRIVER'S SIDE

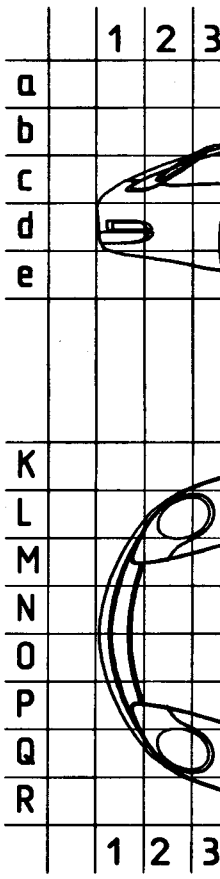
CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1					
2	BR	GROUND	9cR	9cK	F89
3	BR/GN	DOOR CONTACT	9cR	9cK	F89
4	BL/WT/BR	DOOR LOCKED	9cR	9cK	F89
5					
6					
7					
8					
9					
10					

WELDING POINT IN WL DOOR PASSENGER'S SIDE

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	RHD	FIELD IN WIRING DIAGRAM
1					
2	BR	GROUND	9cK	9cR	F82
3	BR/GN	DOOR CONTACT	9cK	9cR	F82
4	BL/WT/BR	DOOR LOCKED	9cK	9cR	F82
5					
6					
7					
8					
9					
10					

WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	PO VE LHI
1	BL/RE	GROUND OXYGEN SENSOR	14c
2	BK	TERM.15 OXYGEN SENSOR	14c
3	BR/PK	GROUND SENSORS	14c
4	BR	GROUND SHIELD	14c
5			
6			
7			
8	RE/VI	5V-SUPPLY	14c
9	RE/BL	VALVE SUPPLY	14c
10	BK	TERM.15E FUEL INJECTORS	14c
11	GR/GN	SUPPLY SECONDARY AIR PUMP	14c
12			
13			
14	BR	GROUND KNOCK SENSORS	14cM
15			
16			
17			
18	BK/BL	TERM.15 CU TIPTRONIC	15c
19			
20	BR	TERM.31 CU TIPTRONIC	15c
21	PK/BK	SWITCH LIFTING WIRE 1	15d
22	BL/YE	SWITCH LIFTING WIRE 2	15d
23	BL/WT	SWITCH LIFTING WIRE 3	15d
24	BL/BK	SWITCH LIFTING WIRE 4	15d
25			
26			
27	YE/BL	SUPPLY SOLENOID VALVE	15d
28			
29			
30			



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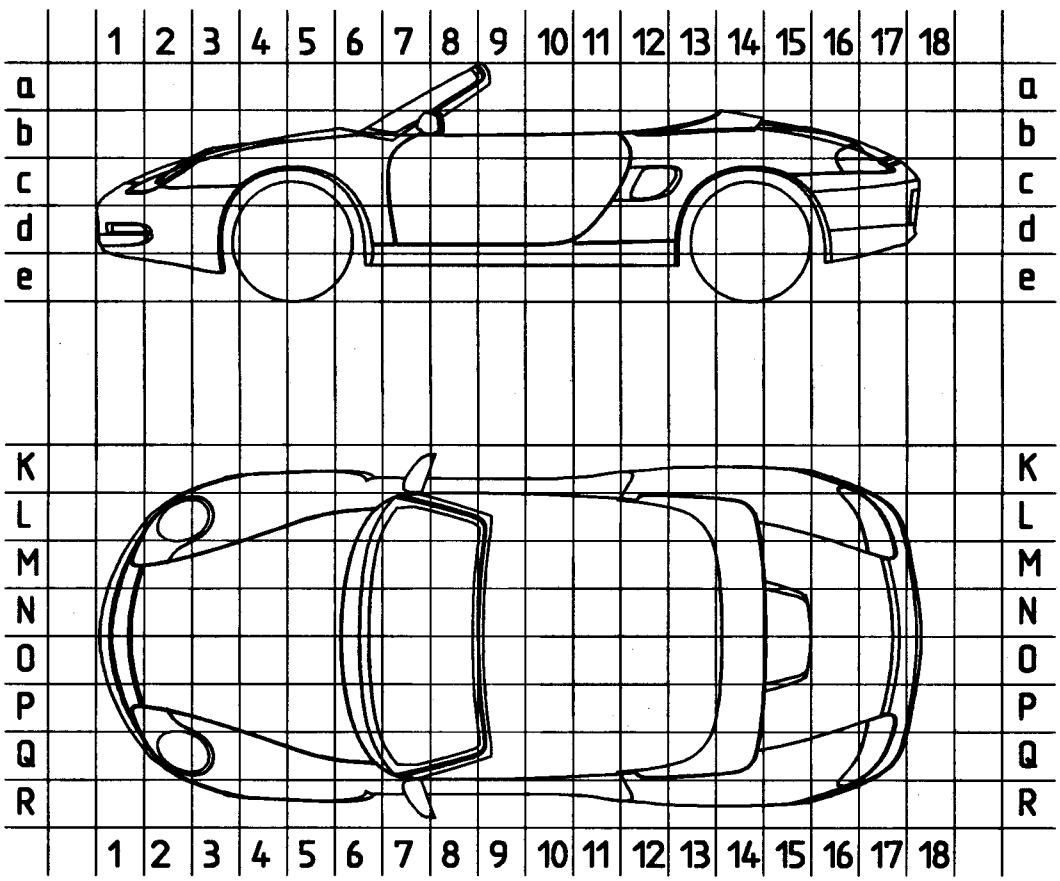
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WELDING POINT IN WL MOTOR

P-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
1	BL/RE	GROUND OXYGEN SENSOR	14cN	14cN	H113
2	BK	TERM.15 OXYGEN SENSOR	14cN	14cN	F112
3	BR/PK	GROUND SENSORS	14cN	14cN	C118
4	BR	GROUND SHIELD	14cN	14cN	E112
5					
6					
7					
8	RE/VI	5V-SUPPLY	14cN	14cN	C119
9	RE/BL	VALVE SUPPLY	14cN	14cN	J119
10	BK	TERM.15E FUEL INJECTORS	14cO	14cO	H119
11	GR/GN	SUPPLY SECONDARY AIR PUMP	14cO	14cO	G114
12					
13					
14	BR	GROUND KNOCK SENSORS	14cN	14cN	C117
15					
16					
17					
18	BK/BL	TERM.15 CU TIPTRONIC	15cM	15cM	G103
19					
20	BR	TERM.31 CU TIPTRONIC	15cM	15cM	E104
21	PK/BK	SWITCH LIFTING WIRE 1	15dM	15dM	E105
22	BL/YE	SWITCH LIFTING WIRE 2	15dM	15dM	E105
23	BL/WT	SWITCH LIFTING WIRE 3	15dM	15dM	E105
24	BL/BK	SWITCH LIFTING WIRE 4	15dM	15dM	E105
25					
26					
27	YE/BL	SUPPLY SOLENOID VALVE	15dM	15dM	C106
28					
29					
30					

WELDING POINT IN WL MOTOR

CP-NO.	WIRE COLOR	DESIGNATION, FUNCTION	POSITION IN VEHICLE LHD	POSITION IN VEHICLE RHD	FIELD IN WIRING DIAGRAM
31	RE/WT	OXYGEN SENSOR UPSTR.CAT.	15cO	15cO	G113
32	BR/OR	OIL LEVEL SENSOR	15cO	15cO	K14
33					
34					
35					
36					
37					
38					
39					
40	RE/GR	HALL SENSOR	15cO	15cO	C116
41					
42	BK	ME 7 TERM.15E	15cO	15cO	B176
43	BK	ME 7 TERM.15 FUEL INJECTORS	15cO	15cO	G178
44	RE/BL	ME 7 TERM.30 VALVES	15cN	15cN	H178
48	RE/VI	ME 7 +5V SUPPLY	15cN	15cN	M177
52	BR/OR	ME 7 ANALOG GROUND	15cO	15cO	N177
53	BR/PK	ME 7 GROUND SENSOR	15cN	15cN	M176



20

K	L	M	N	O	P

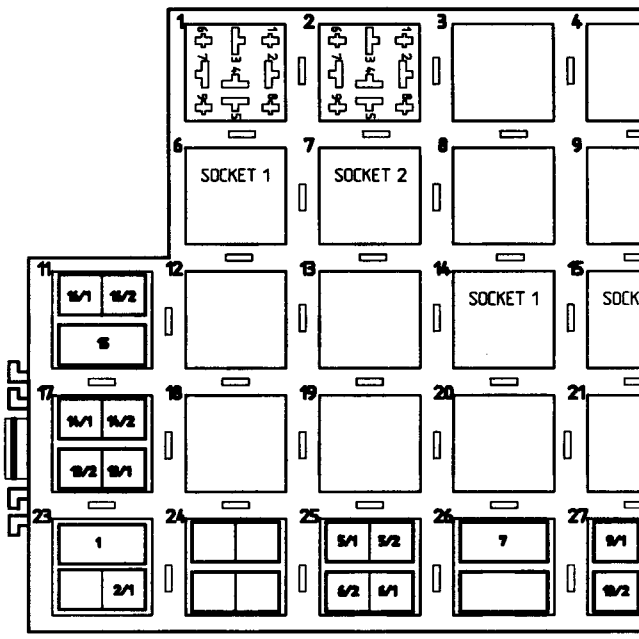
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RELAY SUPPORT 1 RELAY SUPPORT 2

A B C D E

RELAY SUPPORT



RELAY

PLUG POSITION	DESIGNATION	PORSCHE-NUMBER	M-NO.	NOTE
1	--- --- --- --	--- --- --- --		
2	--- --- --- --	--- --- --- --		
3	FLASHER	1H0.953.227		
4	REAR WINDOW / MIRROR DEFOGGER	996.615.117.00		
5	--- --- --- --	--- --- --- --		
6	CU DAYTIME RUNNING LIGHT	996.615.111.00	M 113	DOUBLE RELAY
7	CU DAYTIME RUNNING LIGHT	--- --- --- --		
8	CU HEADLIGHT WASHING	996.618.113.00	M 288	
9	TERM.XE	141.951.253.B		
10	TWO-TONE HORNS	141.951.253.B		
12	FOG LIGHT USA / JAPAN	431.951.253.G	M 193 M 553	
13	FUEL PUMP	996.615.101.00		
14	CU POWER TOP	986.618.111.00		DOUBLE RELAY
15	CU POWER TOP	--- --- --- --		
16	WIPER INTERMITTENT CONTROL	986.615.103.00		
18	ACTUATION HEATING	141.951.253.B		
19	RADIATOR FAN 1 STAGE 1	141.951.253.B		
20	RADIATOR FAN 1 STAGE 2	141.951.253.B		
21	RADIATOR FAN 2 STAGE 1	141.951.253.B		
22	RADIATOR FAN 2 STAGE 2	141.951.253.B		

POT

PLU
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PLUG

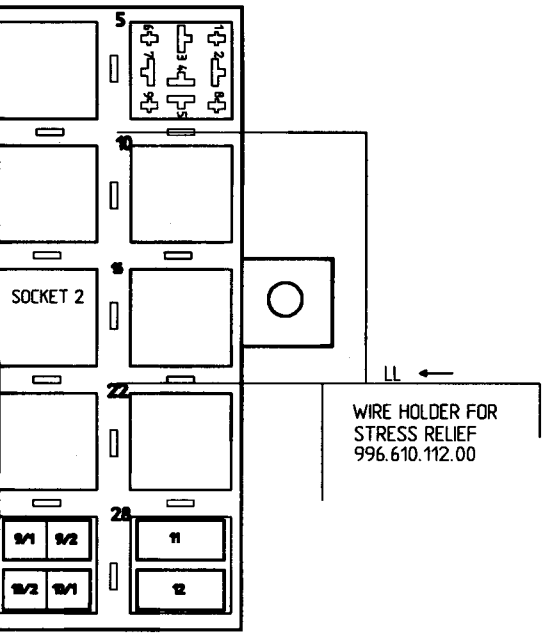
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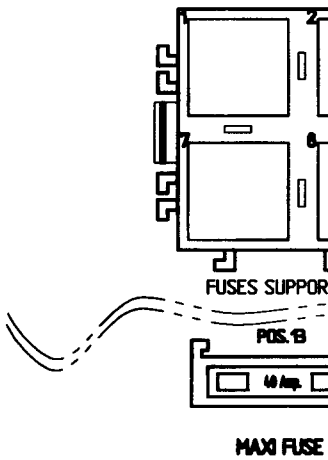
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F G H J K L

ORT 1



VIEW OF SIDE OF



POTENTIAL DISTRIBUTOR BRIDGE PLUG

PLUG POSITION NAME	COLOR	POTENTIAL	NAME	COLOR	POTENTIAL	NOTE
11 BS. 16/1	BK/BR	TERM.15 SI B 8	BS. 16/2	BK/OR	TERM.15 SI B 5	
11 BS. 15	GR/RE	TERM.58d LED		———		8 PINS
17 BS. 13/1	OR	TERM.86S SI E 1	BS. 13/2	NOT USED		
17 BS. 14/1	NOT USED		BS. 14/2	BK	TERM.15 STOP LIGHT FUSE INPUT	
23 BS. 1	GR/PK	TERM. SPEEDOMETER A		———		8 PINS
23 BS. 2/1	BK/RE	TERM.15 SI B 10	BS. 2/2	NOT USED		
24 BS. 3/1	NOT USED		BS. 3/2	NOT USED		
24 BS. 4/1	NOT USED		BS. 4/2	NOT USED		
25 BS. 5/1	WT	TERM.56a	BS. 5/2	GR/BL/BR	TERM.31d LED	
25 BS. 6/1	NOT USED		BS. 6/2	BK/OR	TERM.54 STOP LIGHT	
26 BS. 7	RE/BK	CONSUMER SWITCHED OFF		———		8 PINS
26 BS. 8	NOT USED			NOT USED		
27 BS. 9/1	RE/BR	TERM.30 CLS	BS. 9/2	RE/BK	TERM.30 SI B 1	
27 BS. 10/1	GR	TERM.58 SI A 5	BS. 10/2	NOT USED		
28 BS. 11	BR	TERM.31 GP 4		———		8 PINS
28 BS. 12	BR	TERM.31 GP 3		———		8 PINS

RELAY

PLUG POSITION NAME
1
2
3
4
5
7
8
9
10
11
6
12
13
14

PLUG POSITION UNDER THE SEAT SEAT HEATER 996.618.521.00 M139 + M340

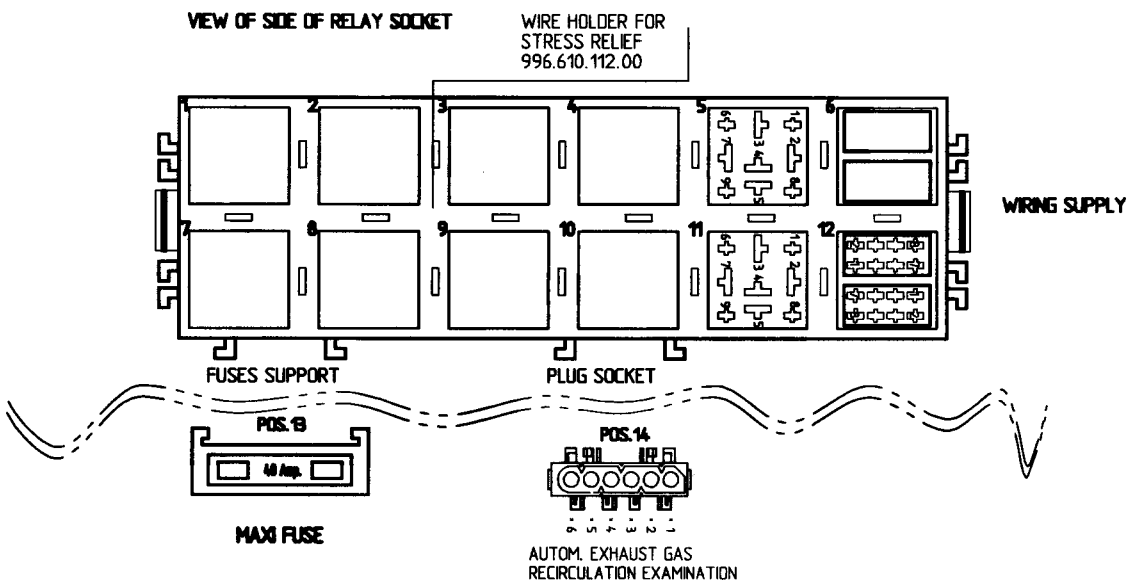
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K L M N O P

RELAY SUPPORT 2



RELAY POTENTIAL DISTRIBUTOR BRIDGE PLUG

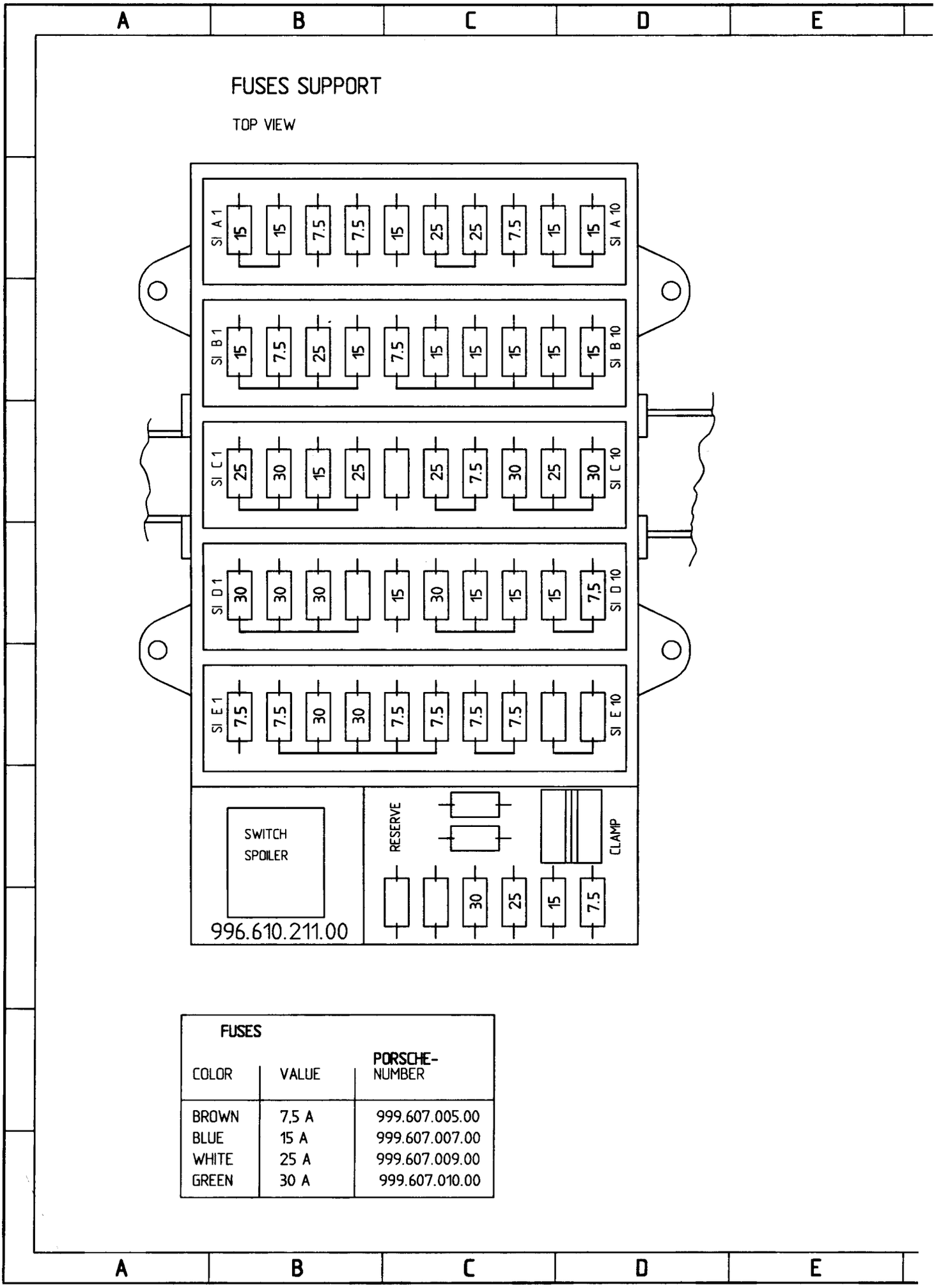
PLUG POSITION NAME	DESIGNATION	PORSCHE-NUMBER	M-NO.	NOTE
1	RELAY MFI+DI	141.951.253.B		
2	IGNITION / OXYGEN SENSOR	141.951.253.B		
3	SPOILER EXTENSION	996.615.102.00		
4	AIR COMPRESSOR	964.615.215.00	M 573	
5	--- --- --- --	--- --- --- --		
7	START LOCK	996.615.110.00	M009	
	START LOCK	141.951.253.B	M008	
8	ENGINE COMPARTMENT CLEANER FAN	141.951.253.B		
9	SPOLIER RETRACTION	996.615.102.00		
10	SECONDARY AIR PUMP	993.615.115.00	M 661	
11	--- --- --- --	--- --- --- --		
6	--- --- --- --	--- --- --- --		
12	--- --- --- --	--- --- --- --		
13	MAXI FUSE FOR SECONDARY AIR PUMP		M 661	40 AMP.
14	TEST PLUG FOR AUTOM. EXHAUST GAS RECIRCULATION EXAMINATION			1 SIGNAL 2 TERM.31 GROUND 6 TN-SIGNAL

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FUSES



FUSES		
COLOR	VALUE	PORSCHE-NUMBER
BROWN	7,5 A	999.607.005.00
BLUE	15 A	999.607.007.00
WHITE	25 A	999.607.009.00
GREEN	30 A	999.607.010.00

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FUSE HOLDER A

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI A 1	15 A	HIGH BEAM RIGHT HIGH BEAM CONTROL	
SI A 2	15 A	HIGH BEAM LEFT	
SI A 3	7,5 A	SIDE MARKER LIGHT RIGHT	
SI A 4	7,5 A	SIDE MARKER LIGHT LEFT	
SI A 5	15 A	LICENSE PLATE LIGHTS LOCATING LIGHT INSTRUMENT LIGHTS	
SI A 6	25 A	SEAT HEATER	M139/M340
SI A 7	25 A	FOG LIGHT REAR FOG LIGHT	
SI A 8	7,5 A	LICENSE PLATE LIGHTS CANADA	M113
SI A 9	15 A	LOW BEAM RIGHT	
SI A 10	15 A	LOW BEAM LEFT	

FUSE HOLD

FUSE NO.	VALU
SI B 1	15 A
SI B 2	7,5 A
SI B 3	25 A
SI B 4	15 A
SI B 5	7,5 A
SI B 6	15 A
SI B 7	15 A
SI B 8	15 A
SI B 9	15 A
SI B 10	15 A

FUSE HOLDER C

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI C 1	25 A	ENGINE ELECTRONICS	
SI C 2	30 A	IGNITION INJECTION OXYGEN SENSORHEATER	
SI C 3	15 A	CU CL/ALARM POWER WINDOW INSIDE LIGHT	
SI C 4	25 A	FUEL PUMP	
SI C 5			
SI C 6	25 A	WIPER	
SI C 7	7,5 A	TERM.X CONTROL WIRES	
SI C 8	30 A	RADIATOR FAN RIGHT	
SI C 9	25 A	HEADLIGHT CLEANING SYSTEM	M288
SI C 10	30 A	RADIATOR FAN LEFT	

FUSE HOLD

FUSE NO.	VALU
SI D 1	30 A
SI D 2	30 A
SI D 3	30 A
SI D 4	
SI D 5	15 A
SI D 6	30 A
SI D 7	15 A
SI D 8	15 A
SI D 9	15 A
SI D 10	7,5 A

FUSE HOLDER E

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI E 1	7,5 A	TERM.86S CU CL/ALARM RADIO CLUSTER DAYTIME RUNNING LIGHT	M113
SI E 2	7,5 A	CU MEMORY	M537 / M538
SI E 3	30 A	BACKREST CONTROL SEAT LEFT CU MEMORY	M537
SI E 4	30 A	BACKREST CONTROL SEAT RIGHT CU MEMORY	M538
SI E 5	7,5 A	INFOSYSTEM	M662
SI E 6	7,5 A	TERM.30 TELEPHONE / HANDY CU NAVIGATION ORVR	M614 / M618 M664
SI E 7	7,5 A	AIR CONDITIONING SYSTEM	M573
SI E 8	7,5 A	TERM.15 TELEPHONE/ HANDY/ INFOSYSTEM	M614 / M618 / M662
SI E 9			
SI E 10			

FUSE HOLD

FUSE NO.	VALU
M F 1/1	40 A

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FUSE HOLDER B

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI B 1	15 A	INSTRUMENT CLUSTER TIPTRONIC BUTTON ASR E/A DIAGNOSIS	
SI B 2	7,5 A	RADIO	
SI B 3	25 A	TWO-TONE HORNS	
SI B 4	15 A	ENGINE COMPARTMENT BLOWER	
SI B 5	7,5 A	BACKUP LIGHT CU MEMORY MIRROR ADJUSTMENT	
SI B 6	15 A	CONVERTIBLE TOP TURN SIGNALS POWER WINDOW	
SI B 7	15 A	STOP LIGHT CRUISE CONTROL	
SI B 8	15 A	CU CL/ALARM CU ENGINE ELECTRONICS CU TIPTRONIC	
SI B 9	15 A	CU ABS/ASR	
SI B 10	15 A	INSTRUMENT CLUSTERDIAGNOSIS HEADLIGHT VERTICAL AIM CONTROL	

FUSE HOLDER D

FUSE NO.	VALUE	DESIGNATION	M-NO.
SI D 1	30 A	POWER WINDOW	
SI D 2	30 A	REAR WINDOW DEFOGGER / MIRROR HEATING	
SI D 3	30 A	CONVERTIBLE TOP DRIVE	
SI D 4			
SI D 5	15 A	CIGAR LIGHTER	
SI D 6	30 A	HEATER AIR CONDITIONING SYSTEM	
SI D 7	15 A	HAZARD-WARNING A.TURN-SIGNAL SYSTEM	
SI D 8	15 A	REAR SPOILER	
SI D 9	15 A	AUDIO OPTION PACK	M490
SI D 10	7,5 A	MOUNTING POINT FOR RETROFIT WARNING MAXIMUM OF 5 A	

FUSE HOLDER VARIOUS

FUSE NO.	VALUE	DESIGNATION	M-NO.
M F 1/1	40 A	MAXI FUSE SECONDARY AIR PUMP	M 661
		ON RELAY SUPPORT 2	MAXI FUSE 999.607.011.00

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