



BY APPOINTMENT TO  
HER MAJESTY QUEEN ELIZABETH II  
MANUFACTURERS OF DAIMLER AND JAGUAR CARS  
JAGUAR CARS LIMITED COVENTRY



BY APPOINTMENT TO  
HER MAJESTY QUEEN ELIZABETH II  
THE QUEEN MOTHER  
MANUFACTURERS OF DAIMLER AND JAGUAR CARS  
JAGUAR CARS LIMITED COVENTRY



BY APPOINTMENT TO  
HIS ROYAL HIGHNESS THE PRINCE OF WALES  
MANUFACTURERS OF DAIMLER AND JAGUAR CARS  
JAGUAR CARS LIMITED COVENTRY

# XJS

# SERVICE MANUAL

## VOLUME 5

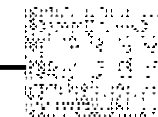
CONTAINS SECTIONS

90 CIRCUIT DIAGRAMS AND HARNESSES



## INDEX/CONTENTS

CIRCUIT INFORMATION	90.5
CIRCUIT SYMBOLS	90.3
CIRCUITS - INDEX TO	90.4
COLOURS - WIRES	90.3
COMPONENT DESIGNATIONS	90.3
CONNECTOR LOCATIONS	90.9
DESIGNATIONS - COMPONENTS	90.3
HARNESS INFORMATION	90.8
HARNESSSES - INDEX TO	90.7
INDEX TO CIRCUITS	90.4
INDEX TO HARNESSSES	90.7
INFORMATION - CIRCUITS	90.5
INFORMATION - HARNESSSES	90.8
LOCATION OF CONNECTORS	90.9
SYMBOLS - CIRCUITS	90.3
WIRE COLOURS	90.3





### INTRODUCTION TO SECTION 90

This section of the manual contains information about the vehicle's electrical circuits, together with details of the wiring harnesses and connectors used to implement those circuits.

Sub-sections 90.1 to 90.3 contain general information about this section.

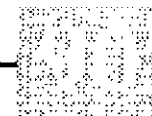
Circuit information and circuit diagrams are given in sub-sections 90.3 to 90.5. First, there are keys to component designations, circuit diagram symbols and wire colour codes. Then, each circuit diagram refers to a particular electrical function, (e.g. seats control circuit) and on the page facing the circuit diagram there is a key to component designations. The key also refers to a component location diagram on the same page.

Harness information is given in sub-sections 90.6 to 90.8. An index to the vehicle's harnesses is followed for each harness by one or more diagrams which show its position in the vehicle and identify all connectors, splices and in-harness components.

Connector information is given in sub-section 90.9. An index to all connectors is given.

The section breakdown is:

<b><u>Sub-section</u></b>	<b><u>Content</u></b>
90.1	INDEX / CONTENTS LIST
90.2	INTRODUCTION <b>TO</b> SECTION 90
90.3	INTRODUCTION TO CIRCUITS Key to component designations Key to wire colour references
90.4	INDEX TO CIRCUITS
90.5	CIRCUIT INFORMATION
90.6	INTRODUCTION TO HARNESSES
90.7	INDEX TO HARNESSES
90.8	HARNESS INFORMATION
90.9	CONNECTOR LOCATIONS





## INTRODUCTION TO CIRCUITS

### KEY TO COMPONENT DESIGNATIONS

Designations for electrical components are generally related to the associated wiring harness, as listed below.

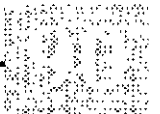
DES"	HARNESS
ABSxxx	ABS
ASxxx	Anti-stall relay link
BLxxx	Boot lid
BNxxx	Binnacle
ccxxx	Cruise control
CHxxx	Console
CKxxx	Clock link
CLxxx	Ignition control link
DDxxx	Driver's door
DMxxx	Dim/dip headlamp link
DRxxx	Daylight running lamps
DSxxx	Driver's side sill harness
EMxxx	Engine (V12)
FCxxx	Fuel control timer
GHxxx	Gearbox
GSxxx	Gear selector
HHxxx	Hood
HLxxx	High-mounted stop lamp
LBxxx	Bulkhead – left hand drive vehicle
LFxxx	Left forward
Llxxx	PI (V12)
Llxxx	Engine/PI (4L)
LLxxx	Column switch gear link
PDxxx	Passenger's door
PSxxx	Passenger's side sill harness
RBxxx	Bulkhead – right hand drive vehicle
RCxxx	Rear courtesy lamp link
RFxxx	Right forward
RHxxx	Rearward
RHxxx	Rearward harness
SBxxx	Seat belt warning
SMxxx	Driver's seat (memory)
SNxxx	Passenger's seat (non-memory)
XAxxx	Extra air valve relay link
XTxxx	Exhaust temperature link

## INTRODUCTION TO CIRCUITS

### KEY TO WIRE COLOUR REFERENCES

Wire colours are defined on the circuit diagrams **by** a reference code adjacent to the wire – each **letter** of the code representing a colour. Where two colours are given, the first is the main wire colour and the second is the trace colour.

N	Brown
B	Black
W	White
K	Pink
G	Green
R	Red
Y	Yellow
O	Orange
S	Slate
L	Light
P	Purple
U	Blue

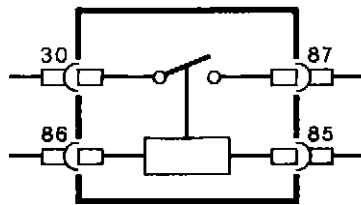




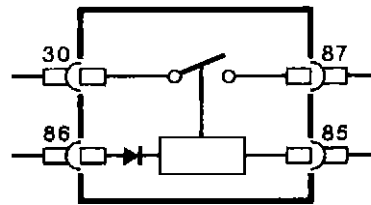
## INTRODUCTION TO CIRCUITS

### KEY TO SYMBOLS USED ON CIRCUIT DIAGRAMS

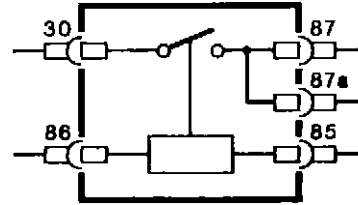
- |    |   |
|----|---|
| 1  | Relay, non-polarized operating coil               |
| 2  | Relay, polarized operating coil                   |
| 3  | Relay, non-polarized operating coil – dual output |
| 4  | Relay, change over contacts                       |
| 5  | Wire splice                                       |
| 6  | Lamp  |
| 7  | <b>Fuse</b> in fusebox                            |
| 8  | In-line <b>fuse</b>                               |
| 9  | Diode   |
| 10 | Resistor  |
| 11 | Power earth                                       |
| 12 | Logic earth                                       |
| 13 | Screened cable                                    |
| 14 | Unswitched positive supply                        |
| 15 | Ignition switched supply                          |
| 16 | Eyelet  |
| 17 | Connection to another circuit                     |
| 18 | Link  |
| 19 | Pin/socket connector                              |



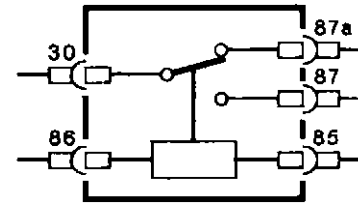
1



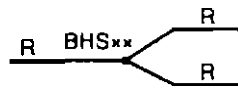
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3



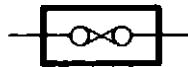
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5



6



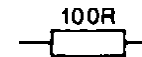
7



8



9



10



11



12



13



14



15



16



17

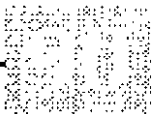


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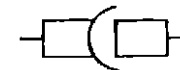


19

J91-212







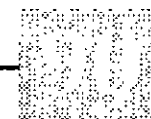
## INDEX TO CIRCUIT INFORMATION

### CIRCUIT TITLE

ABS – Anti-lock braking system	90.5.10 – 1
Air conditioning blowers	90.5.24 – 3
Air conditioning system	90.5.24 – 1
Air conditioning unit	90.5.24 – 2
Automatic gearbox (5.3 litre)	90.5.8 – 2
Battery cable & distribution posts	90.5.1 – 1
Battery distribution (4.0 litre left hand drive)	90.5.2 – 1
Battery distribution (4.0 litre right hand drive)	90.5.2 – 2
Battery distribution (5.3 litre left hand drive)	90.5.2 – 3
Battery distribution (5.3 litre right hand drive)	90.5.2 – 4
Caravan/trailer	90.5.28 – 1
Central locking	90.5.17 – 1
Cigar lighter	90.5.23 – 1
Cruise control	90.5.9 – 1
Direction and hazard warning lamps	90.5.14 – 1
Electronic gearbox (4.0 litre)	90.5.8 – 3
Engine management (5.3 litre)	90.5.7 – 3
Engine management/PI – high power (4.0 litre)	90.5.7 – 2
Engine management/PI – low power (4.0 litre)	90.5.7 – 1
Exterior temperature warning	90.5.27 – 1
Fog lamps (left hand drive USA and Canada)	90.5.13 – 1
Fog lamps (left hand drive not USA or Canada)	90.5.13 – 2
Fog lamps (right hand drive)	90.5.13 – 3
Headlamps – daylight running & levelling	90.5.12 – 1
Headlamps – dim/dip	90.5.12 – 2
Heated rear window	90.5.16 – 2

## INDEX TO CIRCUIT INFORMATION

Hood	90.5.26 - 1
Horns	90.5.21 - 1
Ignition-switched loads (4.0 litre left hand drive)	90.5.3 - 1
Ignition-switched loads (4.0 litre right hand drive)	90.5.3 - 2
Ignition-switched loads (5.3 litre left hand drive)	90.5.3 - 3
Ignition-switched loads (5.3 litre right hand drive)	90.5.3 - 4
In-car entertainment	90.5.25 - 1
Instrument illumination	90.5.15 - 2
Instrument pack and trip computer	90.5.22 - 1
Interior lights	90.5.15- 1
Logic earths	90.5.5 - 1
Manual gearbox	90.5.8 - 1
Mirrors	90.5.20 - 1
Overspeed warning	90.5.27 - 2
P/I system (5.3 litre)	90.5.7 - 4
Power earths (4.0 litre left hand drive)	90.5.4 - 1
Power earths (4.0 litre right hand drive)	90.5.4 - 2
Power earths (5.3 litre left hand drive)	90.5.4 - 3
Power earths (5.3 litre right hand drive)	90.5.4 - 4
Radio telephone	90.5.25 - 2
Seat (memory)	90.5.18- 1
Seat (non-memory)	90.5.18 - 2
Seat belts	90.5.18 - 3
Seat heaters	90.5.18 - 4
Security system	90.5.17 - 2
Side lamps etc	90.5.1 1- 1
Starter and alternator	90.5.6 - 1
Sun roof	90.5.28 - 2
Windows	90.5.19 - 1
Windscreen wipers, washers and power wash	90.5.16- 1





## CIRCUIT DIAGRAMS AND HARNESSES



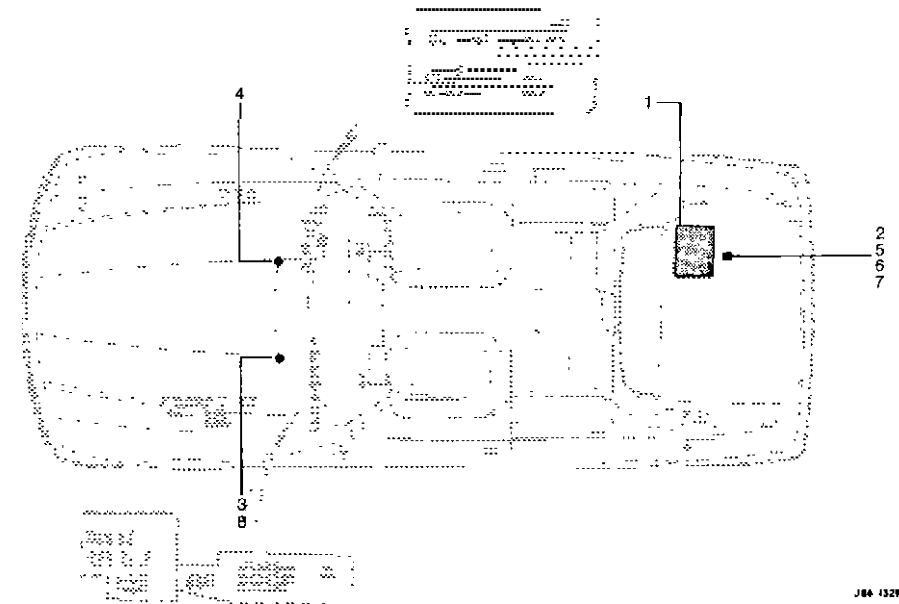
### BATTERY CABLE AND DISTRIBUTION POSTS

#### KEY TO CIRCUIT COMPONENTS

- |   |   |
|---|---|
| 1 | Battery   |
| 2 | Battery spur  |
| 3 | Left hand battery post on bulkhead                          |
| 4 | Right hand battery post on bulkhead                         |
| 5 | Arrangement for engine/PI harness                           |
| 6 | Arrangement for rearward harness                            |
| 7 | Arrangement for rearward harness (with catalytic convertor) |
| 8 | Arrangement for engine/PI harness                           |

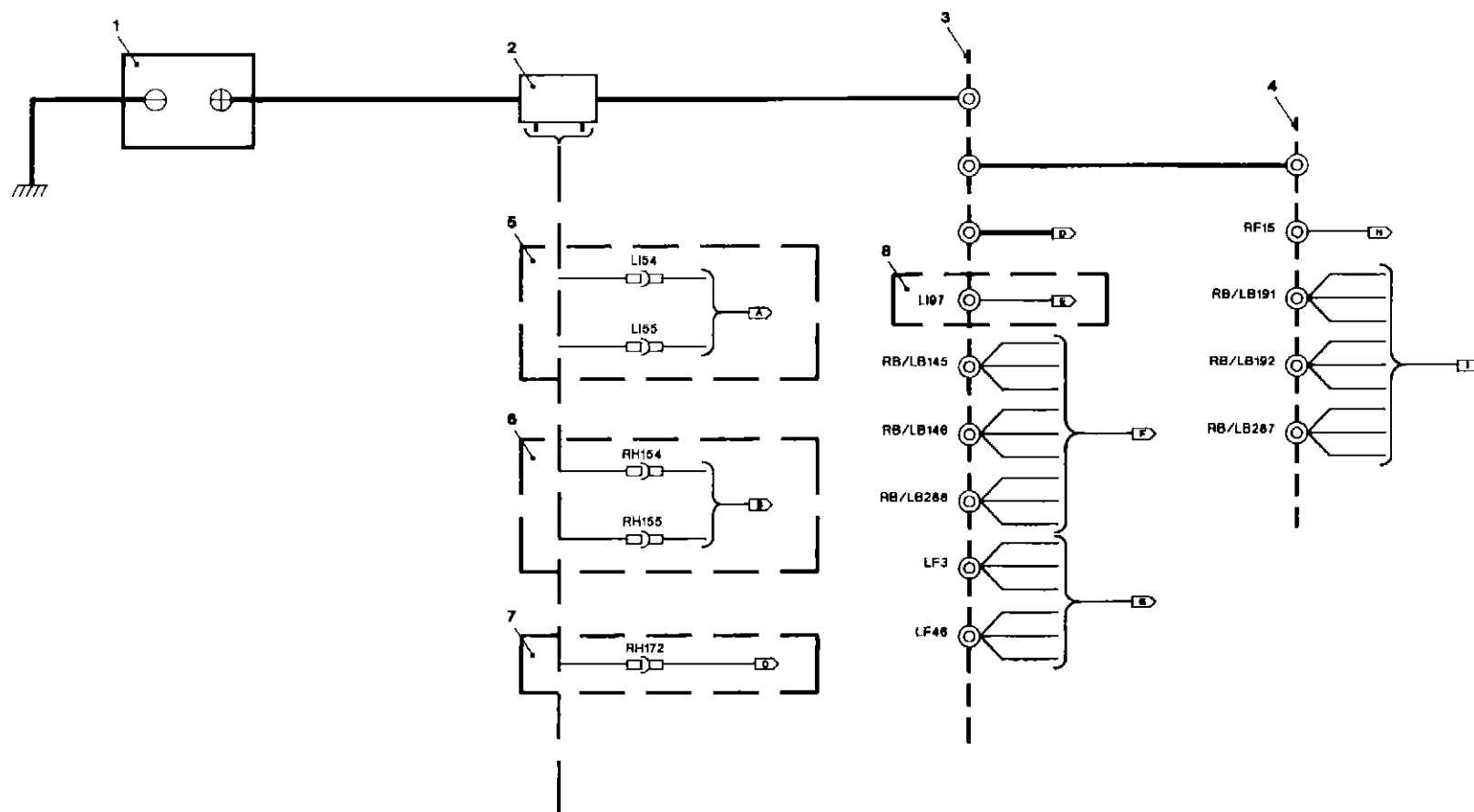
#### CONNECTIONS TO OTHER CIRCUITS

- |   |                             |
|---|-----------------------------|
| A | Engine/PI circuits          |
| B | Rearward harness components |
| C | Rearward harness components |
| D | Starter/alternator          |
| E | Engine/PI circuit           |
| F | Bulkhead components         |
| G | Left forward components     |
| H | Right forward components    |
| I | Bulkhead components         |



J66-1329

## BATTERY CABLE AND DISTRIBUTION POSTS





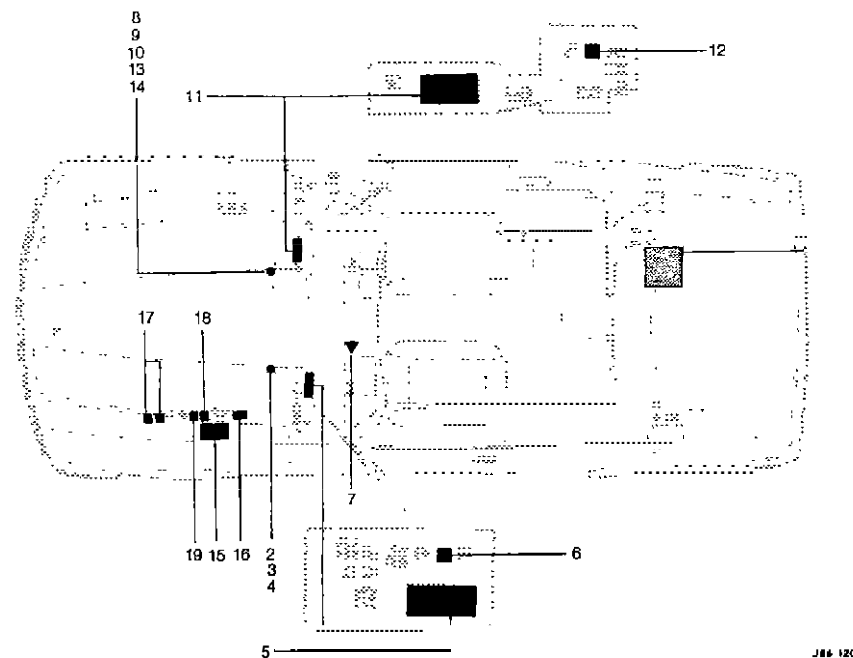
## CIRCUIT DIAGRAMS AND HARNESSSES



### BATTERY POWER DISTRIBUTION (4 LITRE LHD)

#### KEY TO CIRCUIT COMPONENTS

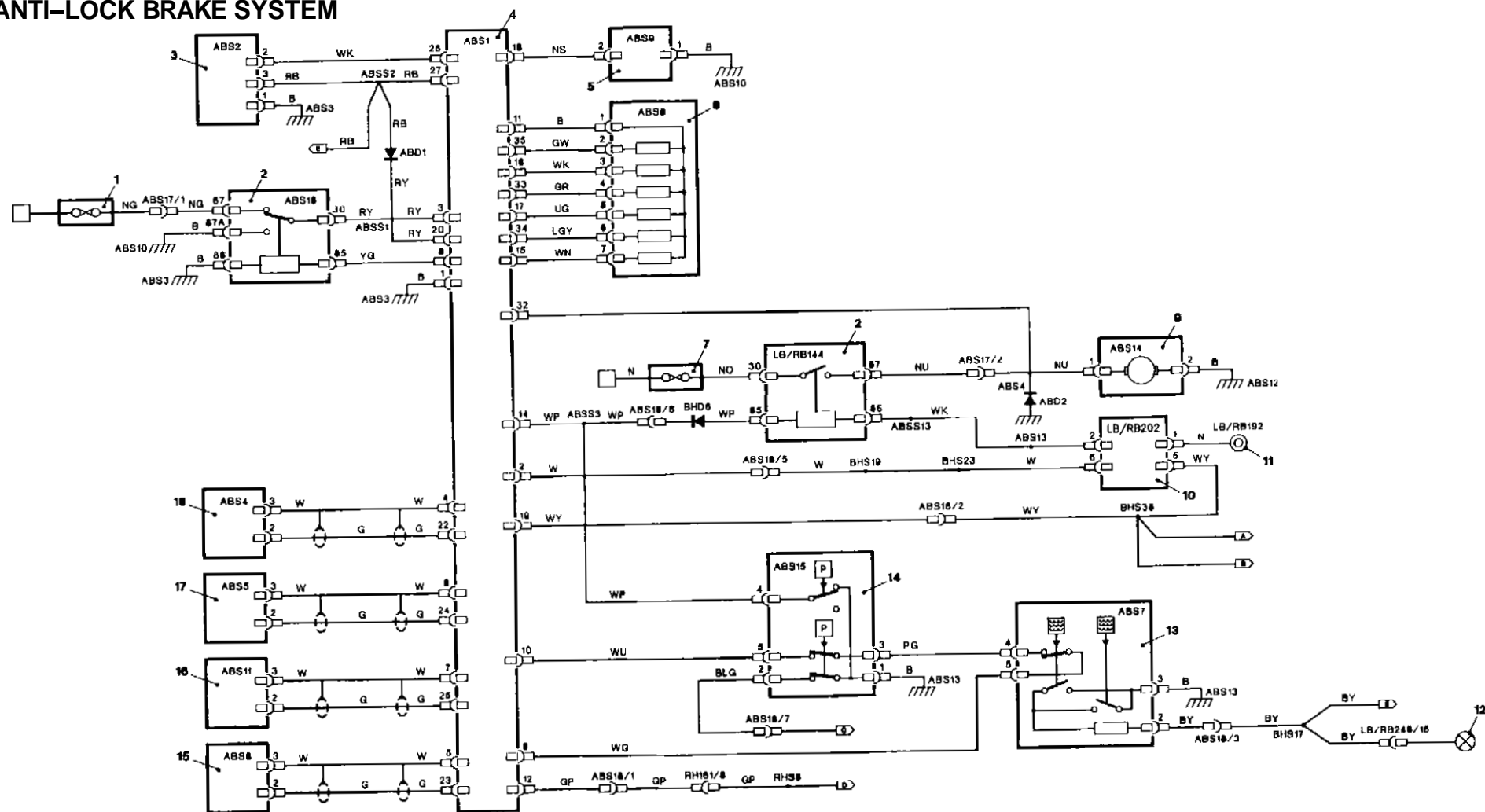
- |    |                                   |
|----|-----------------------------------|
| 1  | Battery                           |
| 2  | Battery post LB191                |
| 3  | Battery post LB287                |
| 4  | Battery post LB192                |
| 5  | LH fusebox                        |
| 6  | Battery post LB145                |
| 7  | Battery post LB146                |
| 8  | Battery post LB194                |
| 9  | RH fusebox                        |
| 10 | Battery post LF8                  |
| 11 | Battery post LF13                 |
| 12 | Headlights control module LF6     |
| 13 | Daylight running light relay DR1  |
| 14 | Daylight running lights relay DR2 |
| 15 | Headlight relay LF9               |
| 16 | Sidelights relay LF10             |
| 17 | Forward fusebox LF37              |



#### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To security system                         |
| B | To ignition switch LB202/1                 |
| C | To ignition load relay LB175/30            |
| D | To ignition load controlled relay LB139/30 |
| E | To reversing lights fuse 3R                |
| F | To radio aerial fuse 2R                    |
| G | To security system fuse                    |

# ANTI-LOCK BRAKE SYSTEM



J91-193





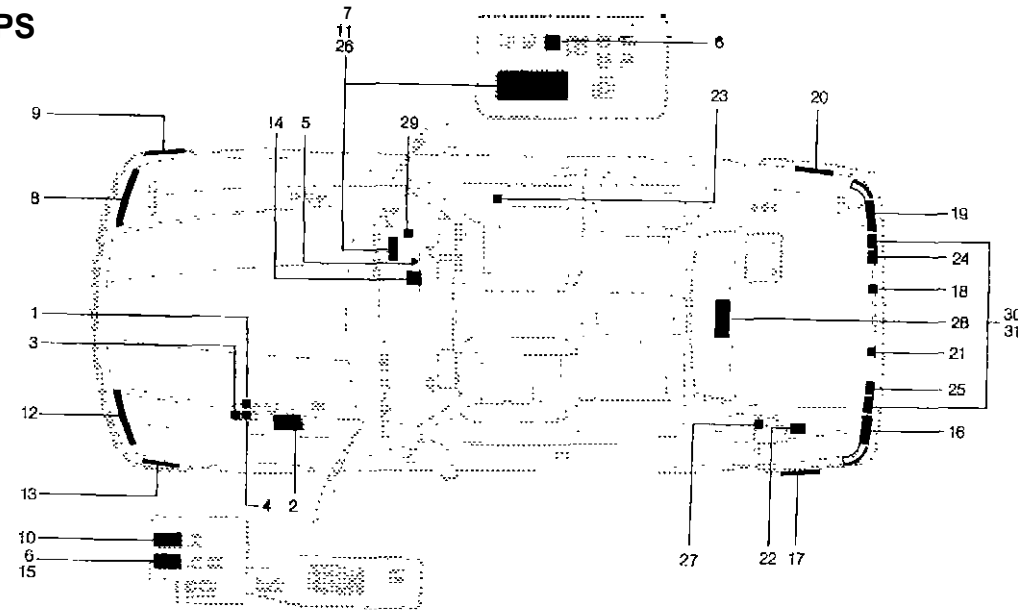
## CIRCUIT DIAGRAMS AND HARNESSSES



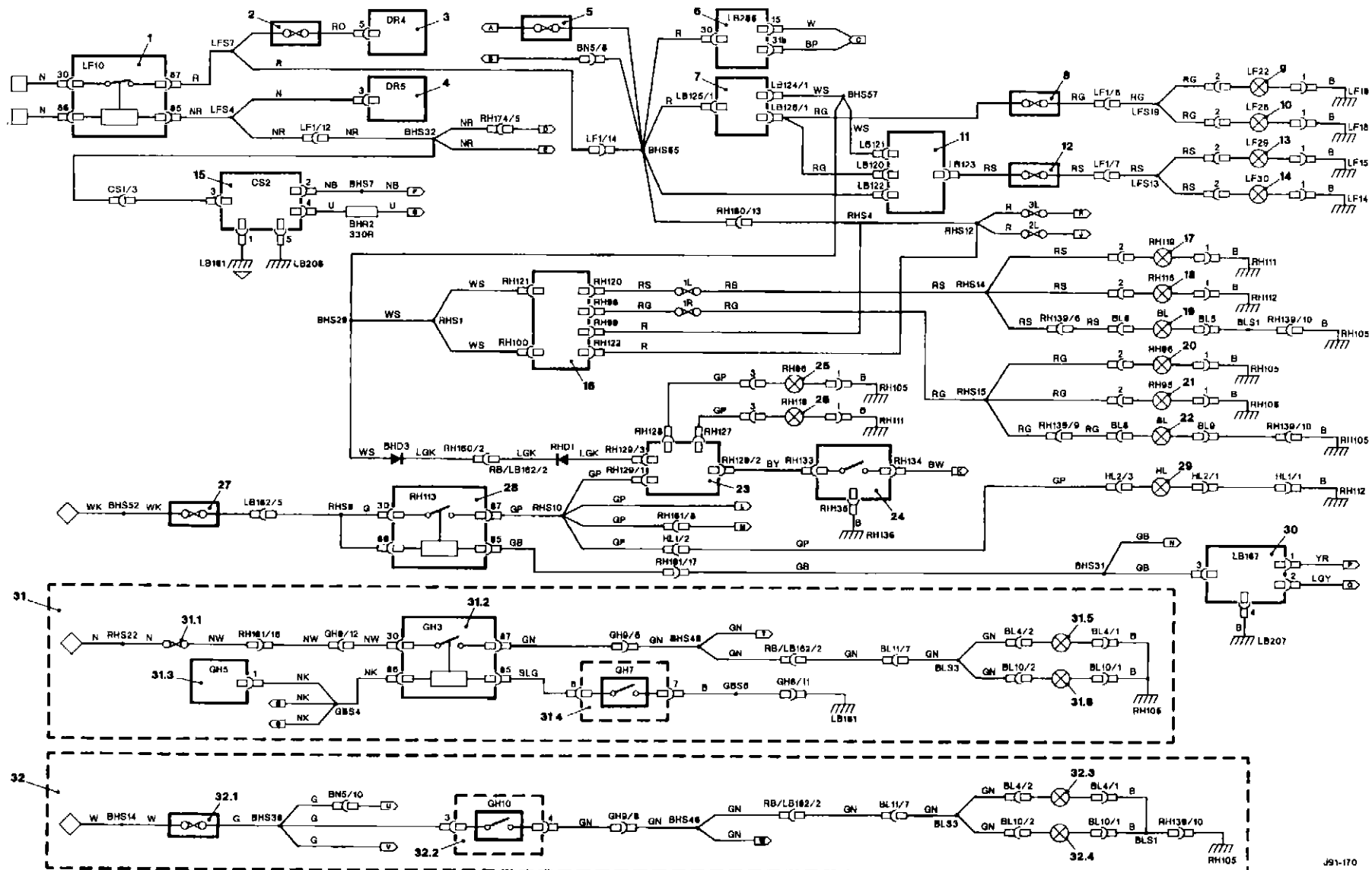
### EXTERNAL LIGHTING — SIDE, TAIL, STOP AND REVERSE LAMPS

#### KEY TO CIRCUIT COMPONENTS

- 1 Side light relay LF10
- 2 Fuse 8 (forward fusebox)
- 3 Dim dip relay DM2
- 4 Fuse 18 (RH fusebox)
- 5 Fuse 18 (LH fusebox LH drive/  
RH fusebox RH drive)
- 6 Lights on warning device LB286
- 7 RH front bulb failure sensor LB124, LB125 and LB126
- 8 Fuse 14 (RH fusebox)
- 9 RH front side light LF22
- 10 RH front side marker LF26
- 11 LH front bulb failure sensor LB120, LB121 and LB122
- 12 Fuse 13 (RH fusebox)
- 13 LH front side light LF29
- 14 LH front side marker LF30
- 15 Lighting switch CS2
- 16 LH tail and number plate bulb failure sensor  
(RH120, RH 121 and RH122)
- 17 LH tail light RH119
- 18 LH rear side marker AH1 16
- 19 RH number plate light BL
- 20 RH tail light RH 96
- 21 RH rear side marker RH95
- 22 LH number plate light BL
- 23 Stop lamp failure warning switch RH129
- 24 Handbrake switch RH133, RH134 and RH135
- 25 RH stop light RH96/3
- 26 LH stop light RH119/3
- 27 Fuse 19 (RH fusebox)
- 28 Stop light relay RH113
- 29 High level stop lights HL2
- 30 Brake pedal and stop light switches LB167
- 31 Reversing lights (automatic gearbox)
- 31.1 In line fuse RH97 (luggage compartment)
- 31.2 Reversing lights relay GH3
- 31.3 Gearbox ECU GH5
- 31.4 Reversing light switch GH7
- 31.5 LH reversing light BL4
- 31.6 RH reversing light BL10



## EXTERNAL LIGHTING — SIDE, TAIL, STOP AND REVERSE LAMPS







## CIRCUIT DIAGRAMS AND HARNESSSES



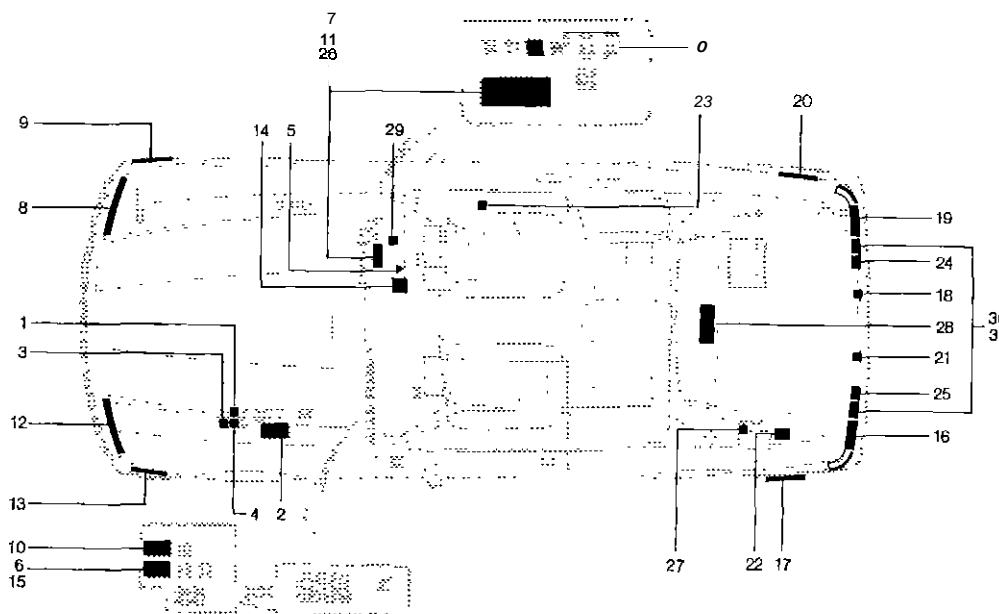
### EXTERNAL LIGHTING — SIDE, TAIL, STOP AND REVERSE LAMPS — Continued

#### KEY TO CIRCUIT COMPONENTS

32	Reversing lights (manual gearbox)
32.1	Fuse 16 (RH fusebox)
32.2	Reversing light switch GH10
32.3	LH reversing light BL4
32.4	RH reversing light BL10

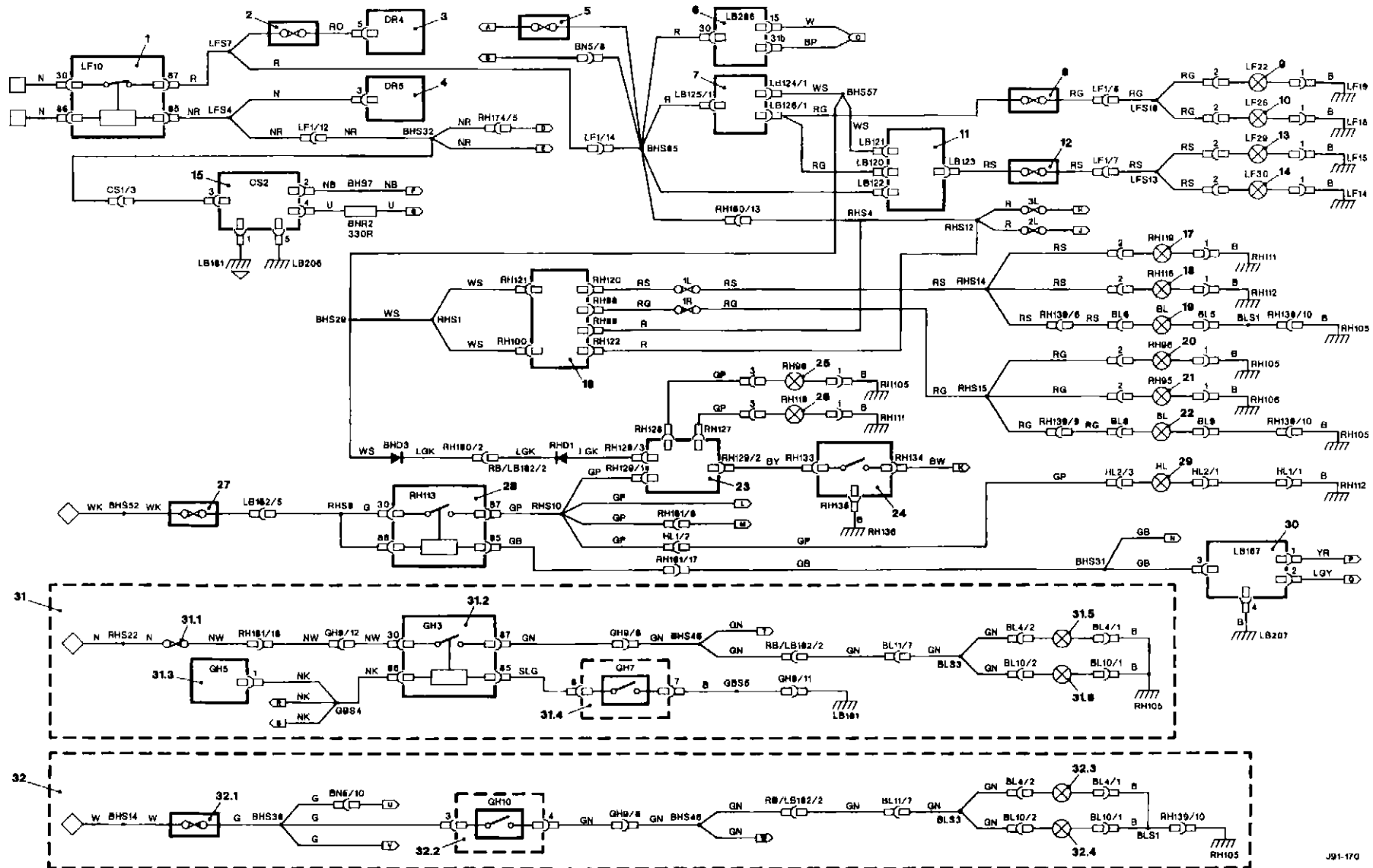
#### CONNECTIONS TO OTHER CIRCUITS

A	To dimmer module RB/LB170/5
B	To trip computer BN3/4
C	To interior lighting circuits
D	To security system
E	To dimmer module RB/LB170/6
F	To headlight relay LF9, wiper delay module and front foglights shorting plug
G	To cruise control CC3/6
H	To caravanfirailer connector RH117/2
J	To caravanhrailer connector RH117/5
K	To caravanhrailer connector RH117/6
L	To caravanfirailer connector RH117/7
M	To ABS connector AB18/1



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## EXTERNAL LIGHTING — SIDE, TAIL, STOP AND REVERSE LAMPS — Continued



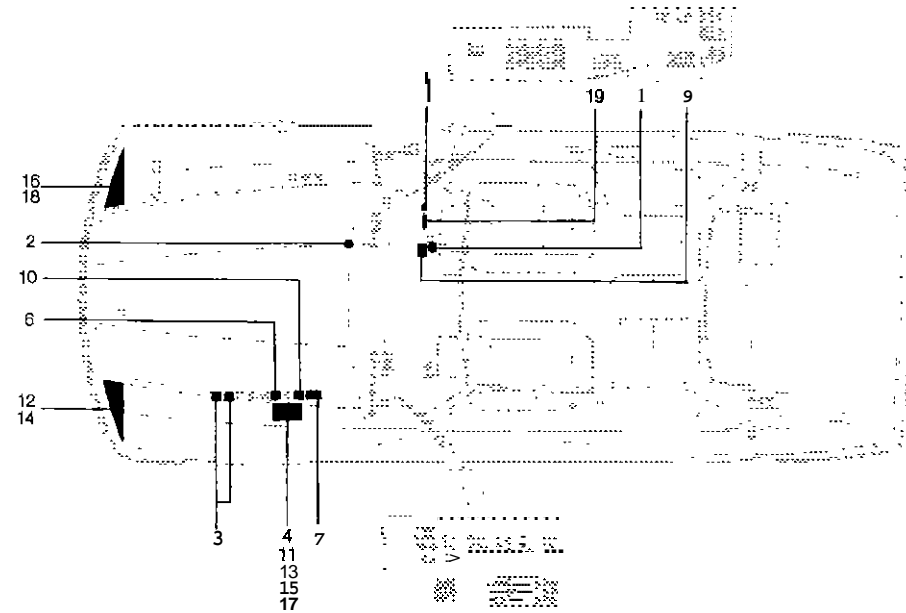
J91-170



## HEADLAMPS — DAYLIGHT RUNNING AND HEADLAMP LEVELLING

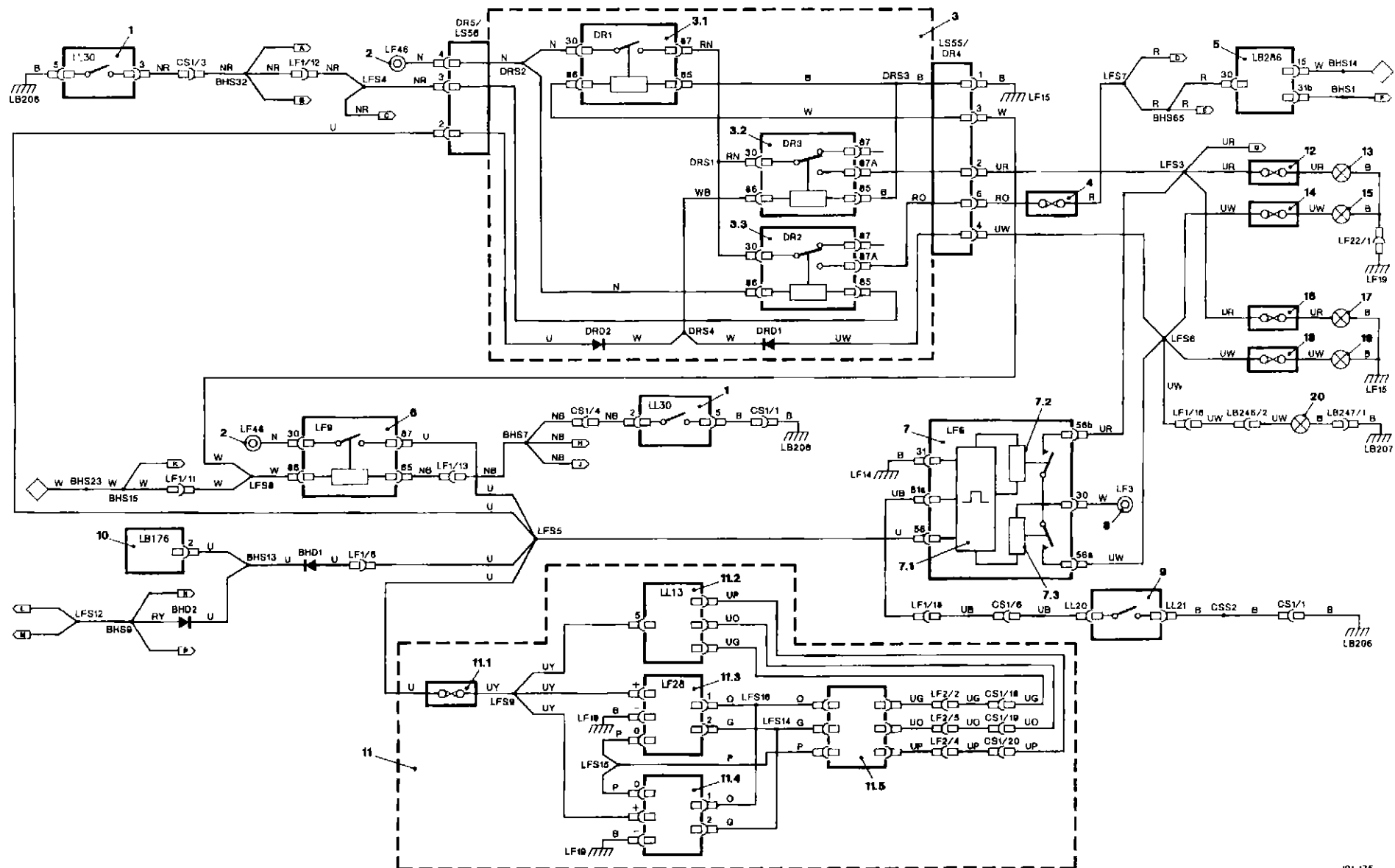
### KEY TO CIRCUIT COMPONENTS

- 1 Lighting switch LL30
- 2 Battery post LF46
- 3 Daylight running circuit (Canada only)
- 3.1 Relay DR1 (ignition on)
- 3.2 Relay DR3 (dipped beam)
- 3.3 Relay DR2 (main beam)
- 4 Fuse 8 (forward fusebox)
- 5 Lights on warning LB286
- 6 Headlamp relay LF9
- 7 Headlamp control module
- 7.1 Pulse width modulator
- 7.2 Dipped beam relay
- 7.3 Main beam relay
- 8 Battery post LF3
- 9 Headlamp changeover switch
- 10 Front/rear fog lamp switches LB176
- 11 Headlamp levelling circuit (Germany only)
- 11.1 Fuse 12 (forward fusebox)
- 11.2 Headlamp levelling switch LL13
- 11.3 Headlamp levelling motor LF23 (LH)
- 11.4 Headlamp levelling motor LF28 (RH)
- 11.5 Headlamp levelling diode module
- 12 Fuse 9 (forward fusebox)
- 13 LH dipped beam
- 14 Fuse 5 (forward fusebox)
- 15 LH main beam
- 16 Fuse 10 (forward fusebox)
- 17 RH dipped beam
- 18 Fuse 6 (forward fusebox)
- 19 RH main beam
- 20 Main beam indicator (instrument pack)



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## HEADLAMPS — DAYLIGHT RUNNING AND HEADLAMP LEVELLING



J91-175

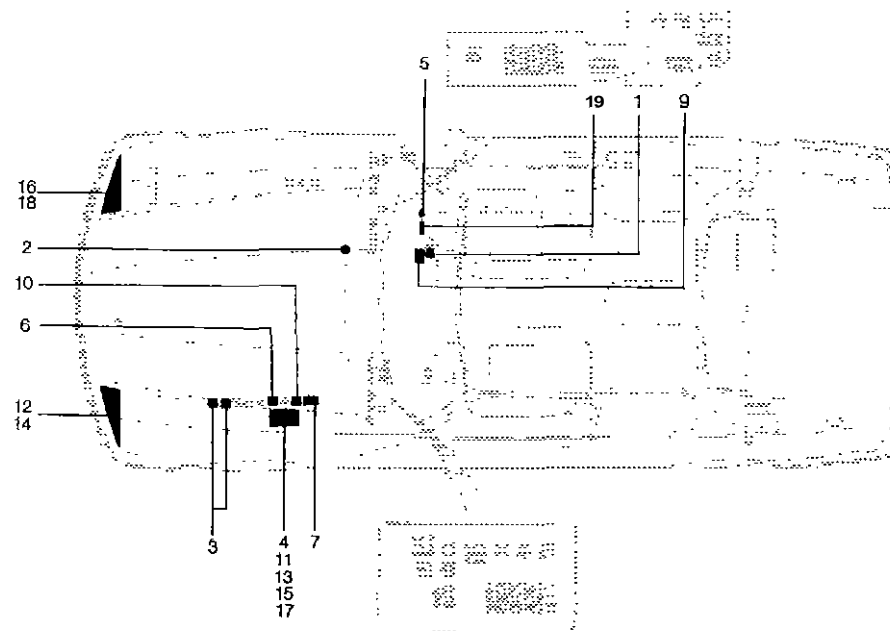


## CIRCUIT DIAGRAMS AND HARNESSSES

### HEADLAMPS — DAYLIGHT RUNNING AND HEADLAMP LEVELLING — Continued

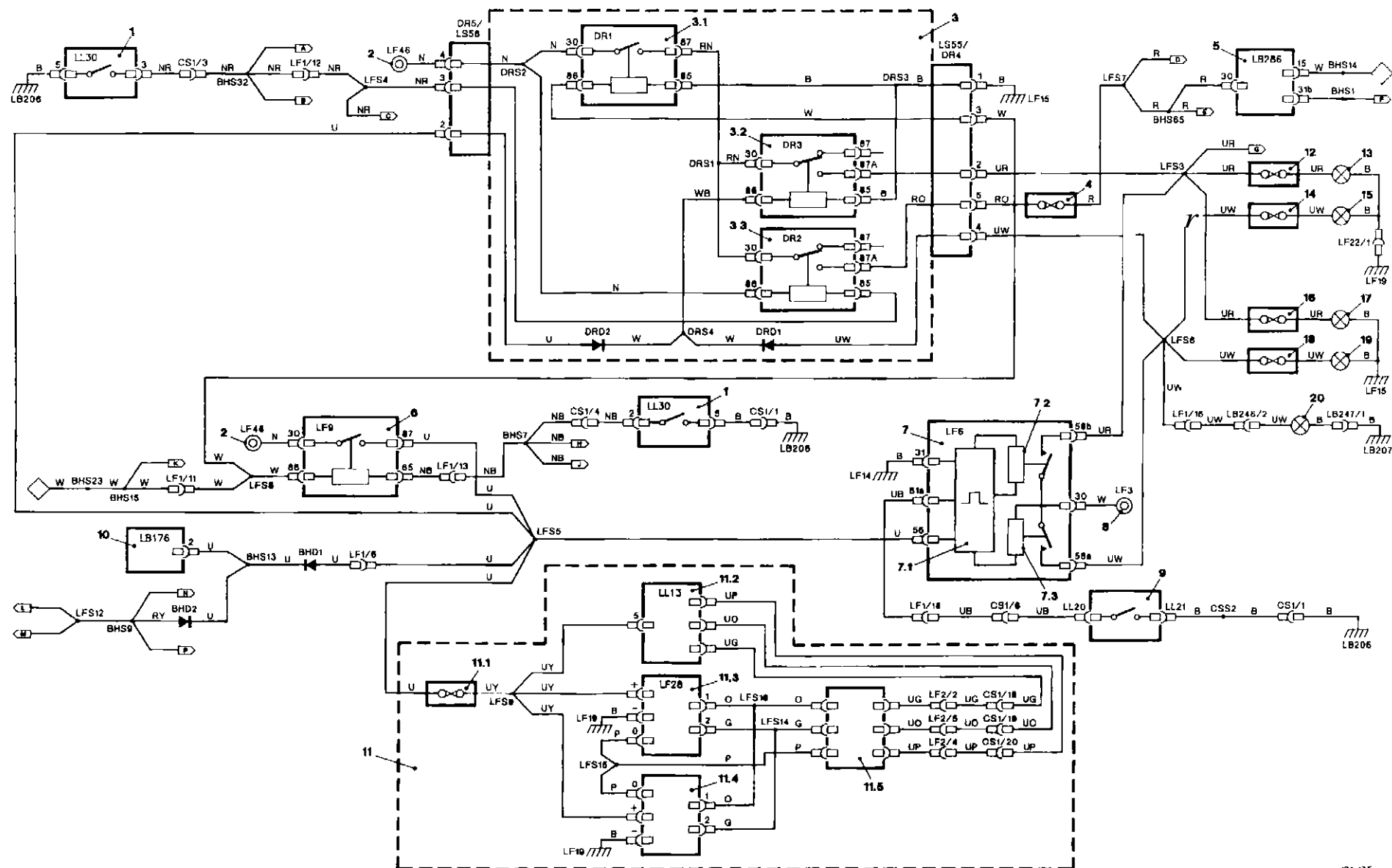
#### CONNECTIONS TO OTHER CIRCUITS

A	To security system RH174/5
B	To illumination control module LB170
C	To sidelight relay LF10
D	To sidelight relay LF10
E	To bulb fail sensors, trip computer and internal lighting
F	To internal lights and security system
G	To front fog shorting plug
H	To wiper delay module
J	To front fog shorting plug
K	To ignition switched loads
L	To LH foglamp LF33
M	To RH foglamp LF25
N	To front foglamp relay LB259
P	To instrument pack LB246/7

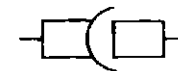


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## HEADLAMPS — DAYLIGHT RUNNING AND HEADLAMP LEVELLING — Continued



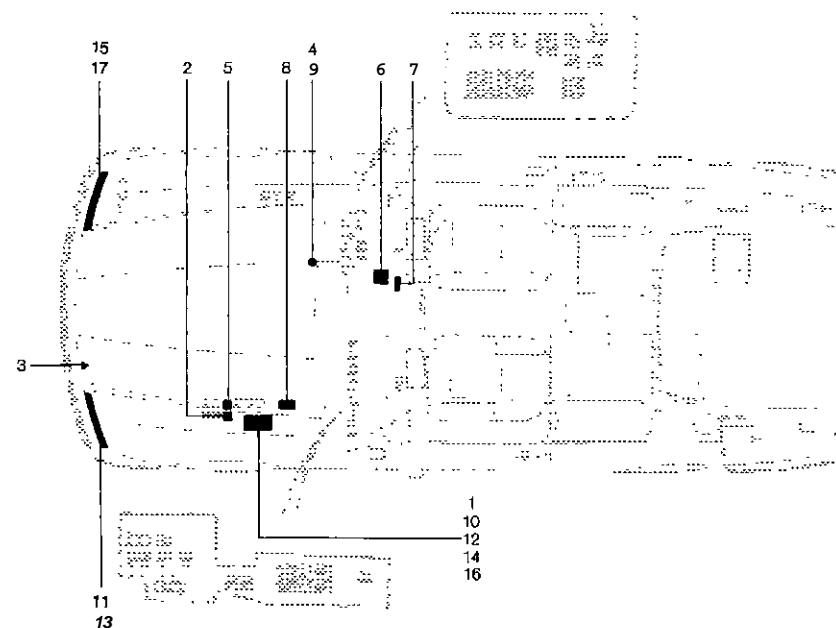
J91-175



## HEADLAMPS — DIM/DIP

### KEY TO CIRCUIT COMPONENTS

- |    |                             |
|----|-----------------------------|
| 1  | Fuse 8 (forward fusebox)    |
| 2  | Dim/dip relay DM2           |
| 3  | Dim dip resistor DM1        |
| 4  | Battery post LF46           |
| 5  | Headlamp relay LF9          |
| 6  | Lighting switch LL30        |
| 7  | Fuse 12 (forward fusebox)   |
| 8  | Dip switch CS2              |
| 9  | Headlamp control module LF6 |
| 10 | Battery post LF8            |
| 11 | Fuse 9 (forward fusebox)    |
| 12 | LH dipped headlamp LF29     |
| 13 | Fuse 5 (forward fusebox)    |
| 14 | LH main beam LF29           |
| 15 | Fuse 10 (forward fusebox)   |
| 16 | RH dipped headlamp LF22     |
| 17 | Fuse 6 (forward fusebox)    |
| 18 | RH main beam LF22           |

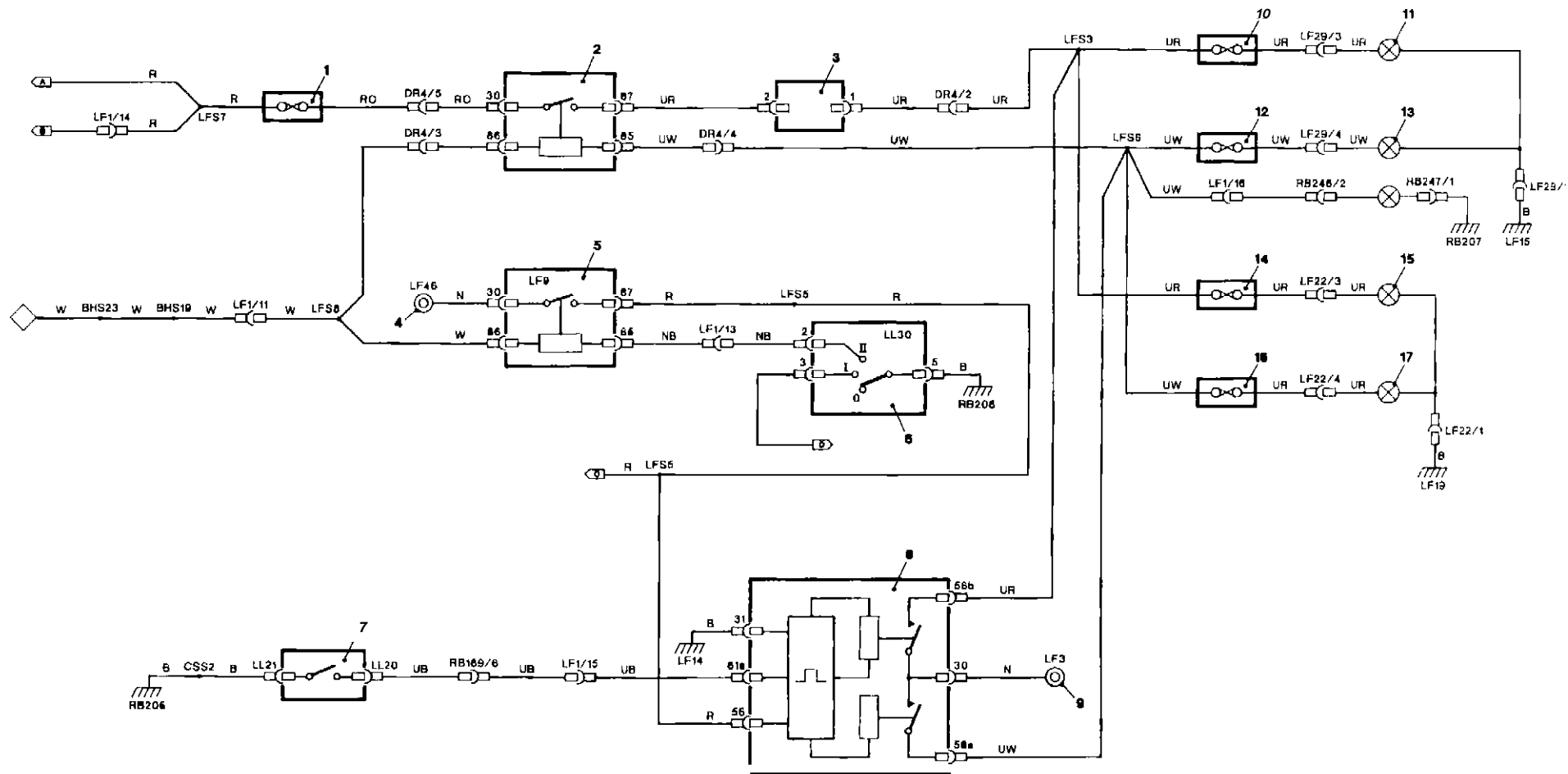


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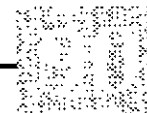
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To sidelamp relay LF10   |
| B | To bulb failure sensors, trip computer and illumination control module |
| C | To wiper delay module RB148/12   |
| D | To front foglights shorting plug RB189/3                               |
| E | To headlight levelling circuit (Germany only)                          |

## HEADLAMPS — DIM/DIP



J91-174



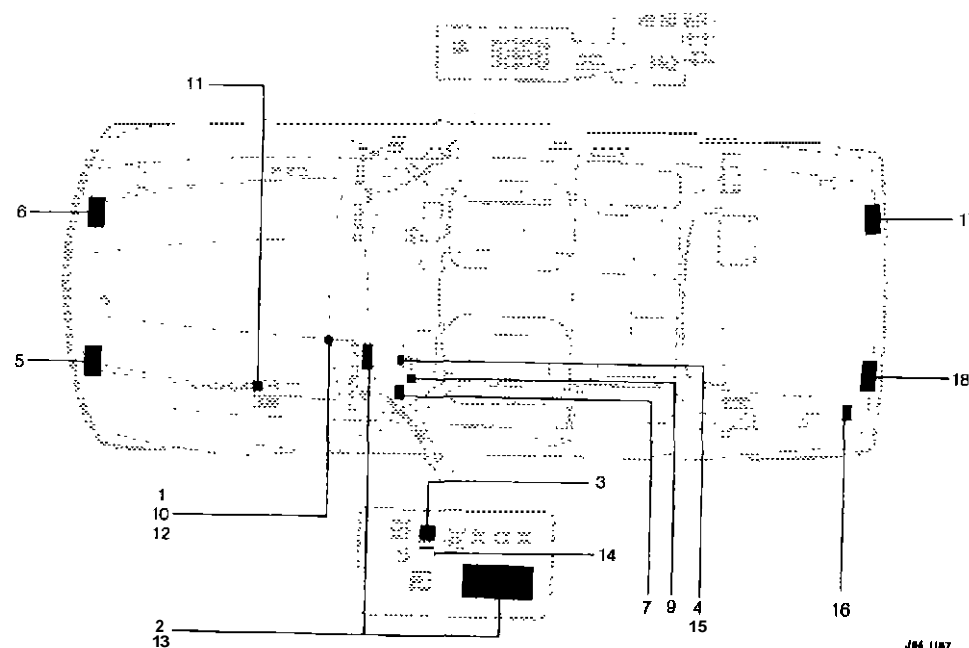




## FOGLIGHTS (LHD — USA AND CANADA)

### KEY TO CIRCUIT COMPONENTS

- |     |  |
|-----|--|
| 1   | Battery post LB191                             |
| 2   | Fuse <b>20</b> (LH fusebox)                    |
| 3   | Front foglight relay LB259                     |
| 4   | Front foglight indicator (instrument pack)     |
| 5   | LH front foglight LF33                         |
| 6   | RH front foglight LF25                         |
| 7   | Foglight switches LB176                        |
| 7.1 | Front foglight switch                          |
| 7.2 | Rear foglight switch                           |
| 7.3 | Foglights <b>ON</b> indicators                 |
| 7.4 | Foglights switch panel lamps                   |
| 8   | Shorting plug LB189 (USA/Canada configuration) |
| 9   | Lighting switch LL30                           |
| 10  | Battery post LF13                              |
| 11  | Headlights relay LF9                           |
| 12  | Banery post LB287                              |
| 13  | Fuse 17 (LH fusebox)                           |
| 14  | Rear foglights relay LB260                     |
| 15  | Rear foglights indicator (instrument pack)     |
| 16  | Caravan connector shorting link                |
| 17  | RH rear foglight RH96                          |
| 18  | LH rearfoglight RH119                          |

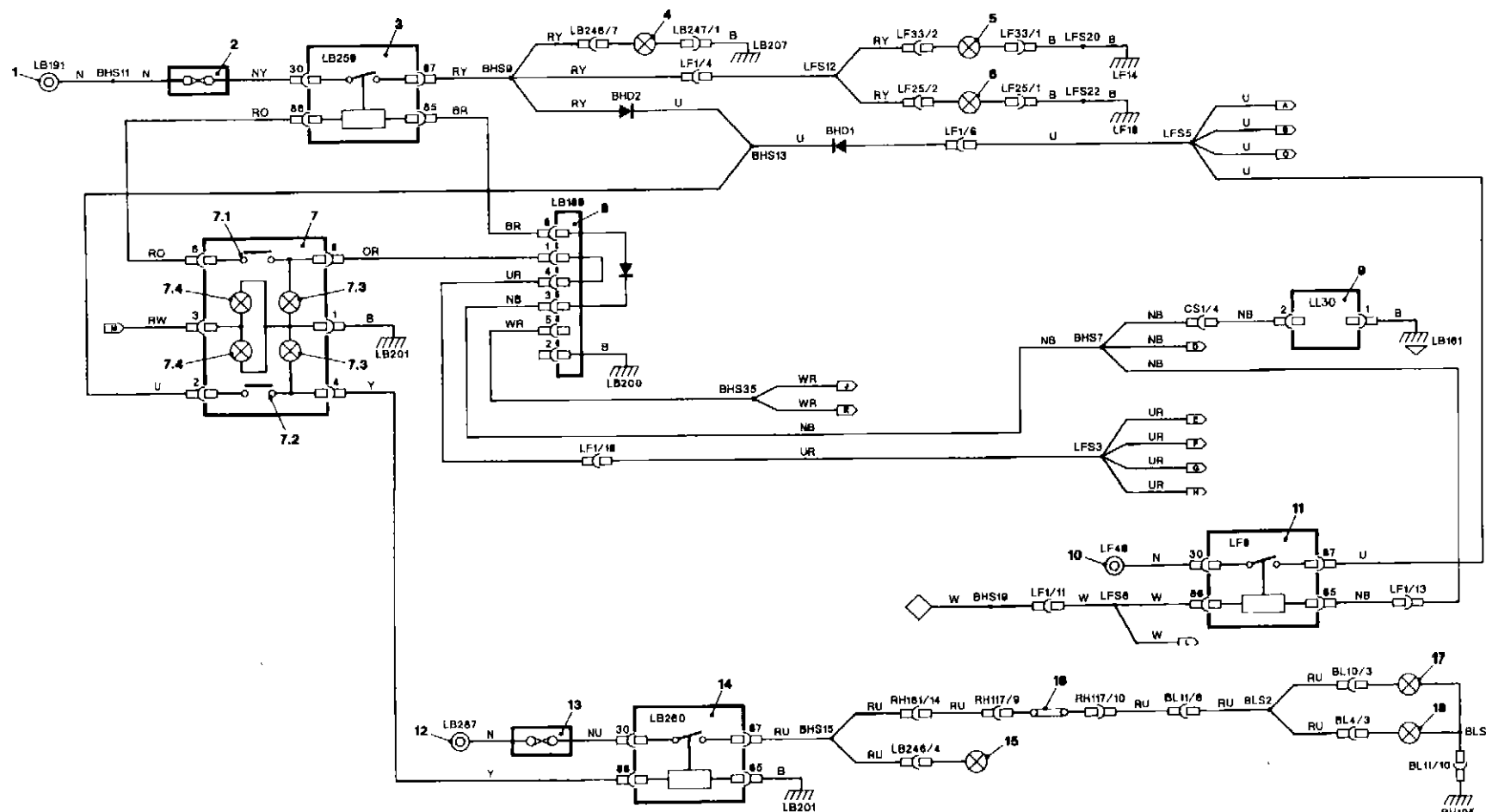


J84 1187

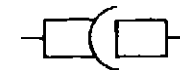
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To daylight running lights connector DR5/2 |
| B | To headlights control module LF6/56        |
| C | To fuse 12 (forward fusebox)               |
| D | To wiper delay module LB148/12             |
| E | To daylight running lights connector DR4/2 |
| F | To headlights control module LF6/56b       |
| G | To fuse 10 (forward fusebox)               |
| H | To fuse 9 (forward fusebox)                |
| J | To illumination control module LB170/6     |
| K | To radio connector LB160/11                |
| L | To daylight running lights connector DR4/3 |

## FOGLIGHTS (LHD — USA AND CANADA)



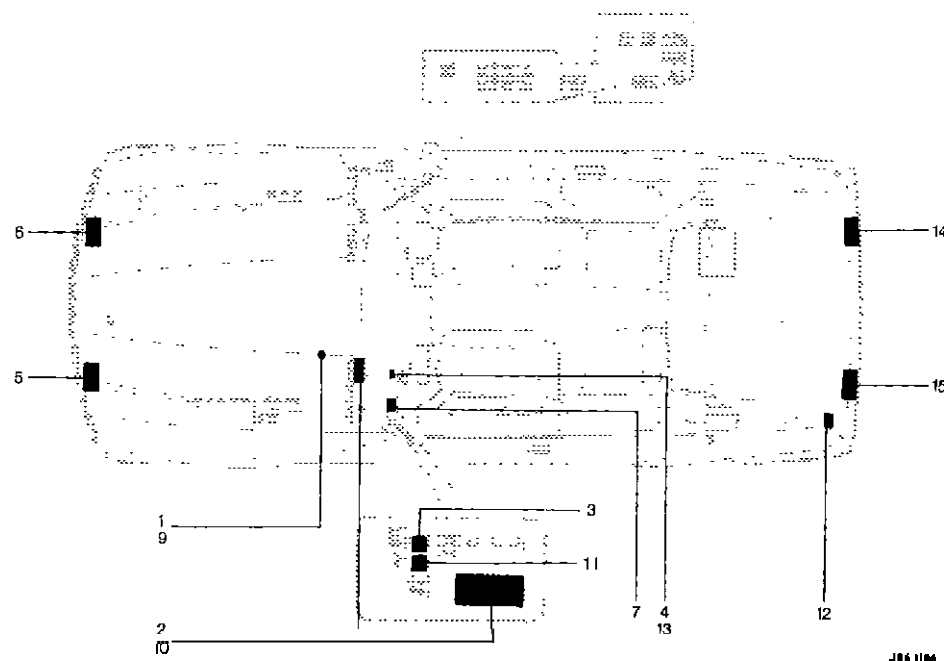
J91-176



## FOGLIGHTS (LHD — NOT USA OR CANADA)

### KEY TO CIRCUIT COMPONENTS

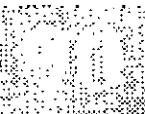
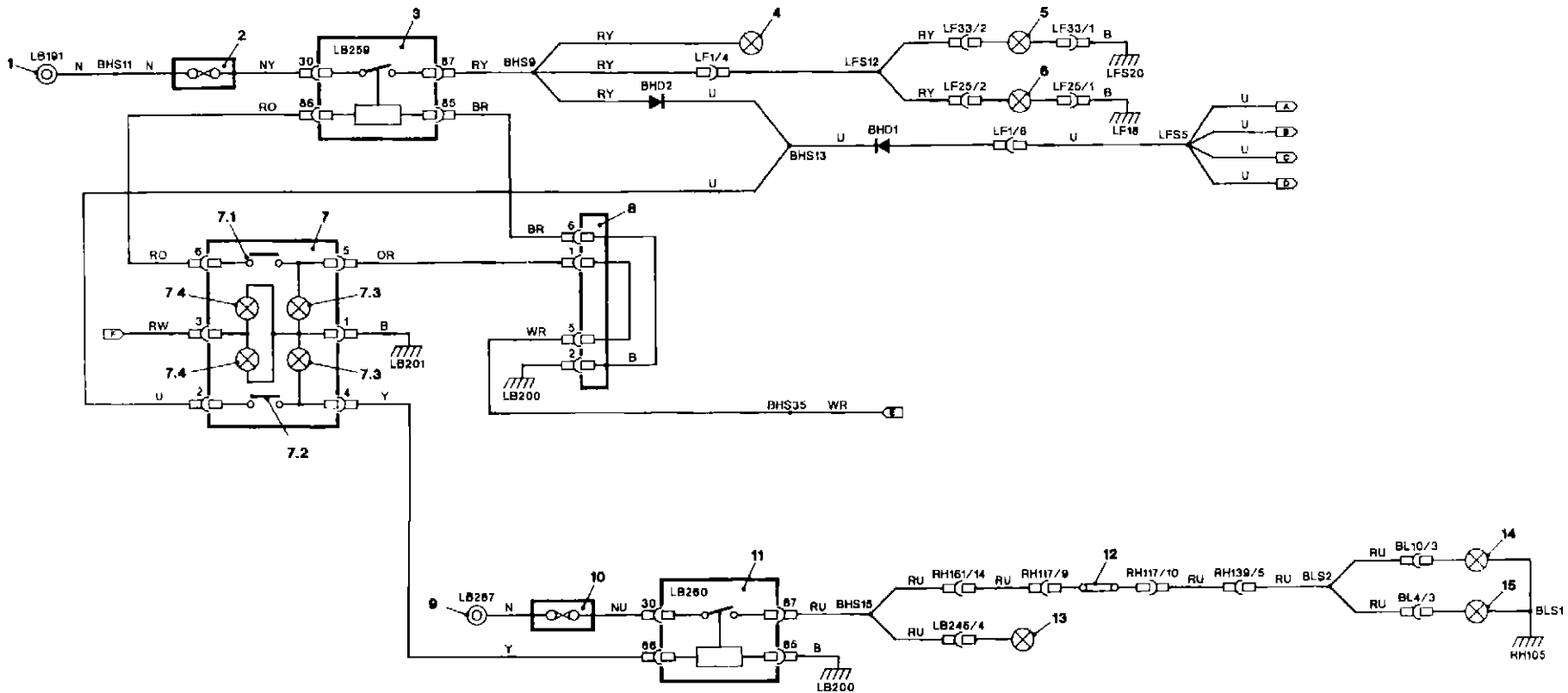
- 1 Battery post LB191
- 2 Fuse 20 (LH fusebox)
- 3 Front foglight relay LB259
- 4 Front foglight indicator (instrument pack)
- 5 LH front foglight LF33
- 6 RH front foglight LF25
- 7 Foglight switches
- 7.1 Front foglight switch
- 7.2 Rear foglight switch
- 7.3 Foglights **ON** indicators
- 7.4 Foglights switch panel lamps
- 8 Shorting plug LB189 (rest of world configuration)
- 9 Battery post LB287
- 10 Fuse 17 (LH fusebox)
- 11 Rear foglights relay LB260
- 12 Link at caravan connector (pins 9 and 10)
- 13 Rear foglights indicator (instrument pack)
- 14 RH rear foglight RH96
- 15 LH rearfoglight RH119



### CONNECTIONS TO OTHER CIRCUITS

- A To headlight control module LF6/56
- B To fuse 12 (forward fusebox)
- C To Canada daylight running lamps connector DR5/2
- D To headlight relay LF9/85
- E From illumination control module LB170/6
- F From interior lighting circuit

# FOGLIGHTS (LHD — NOT USA OR CANADA)





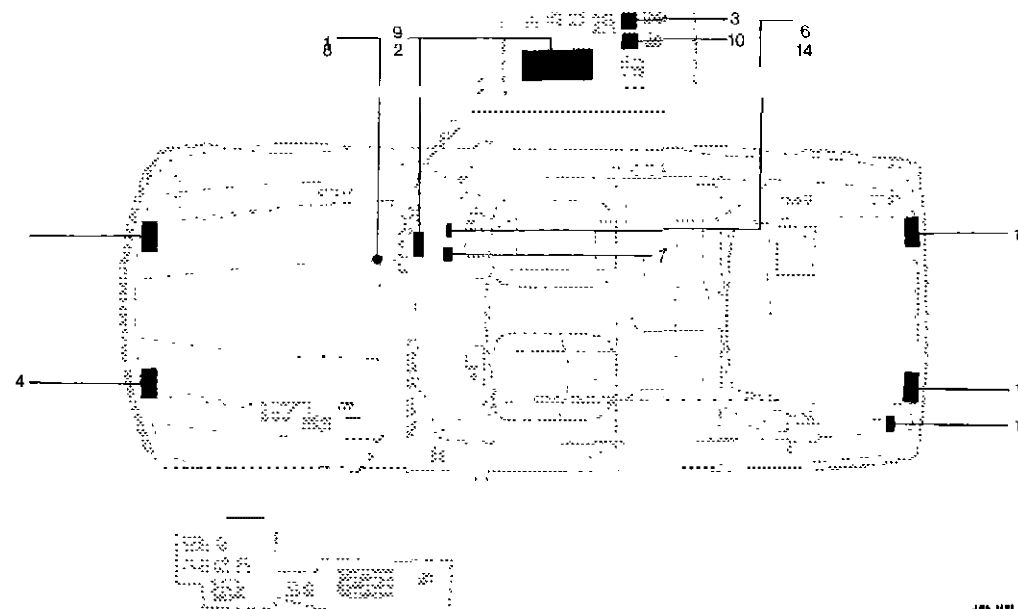
### FOGLIGHTS (RHD)

#### KEY TO CIRCUIT COMPONENTS

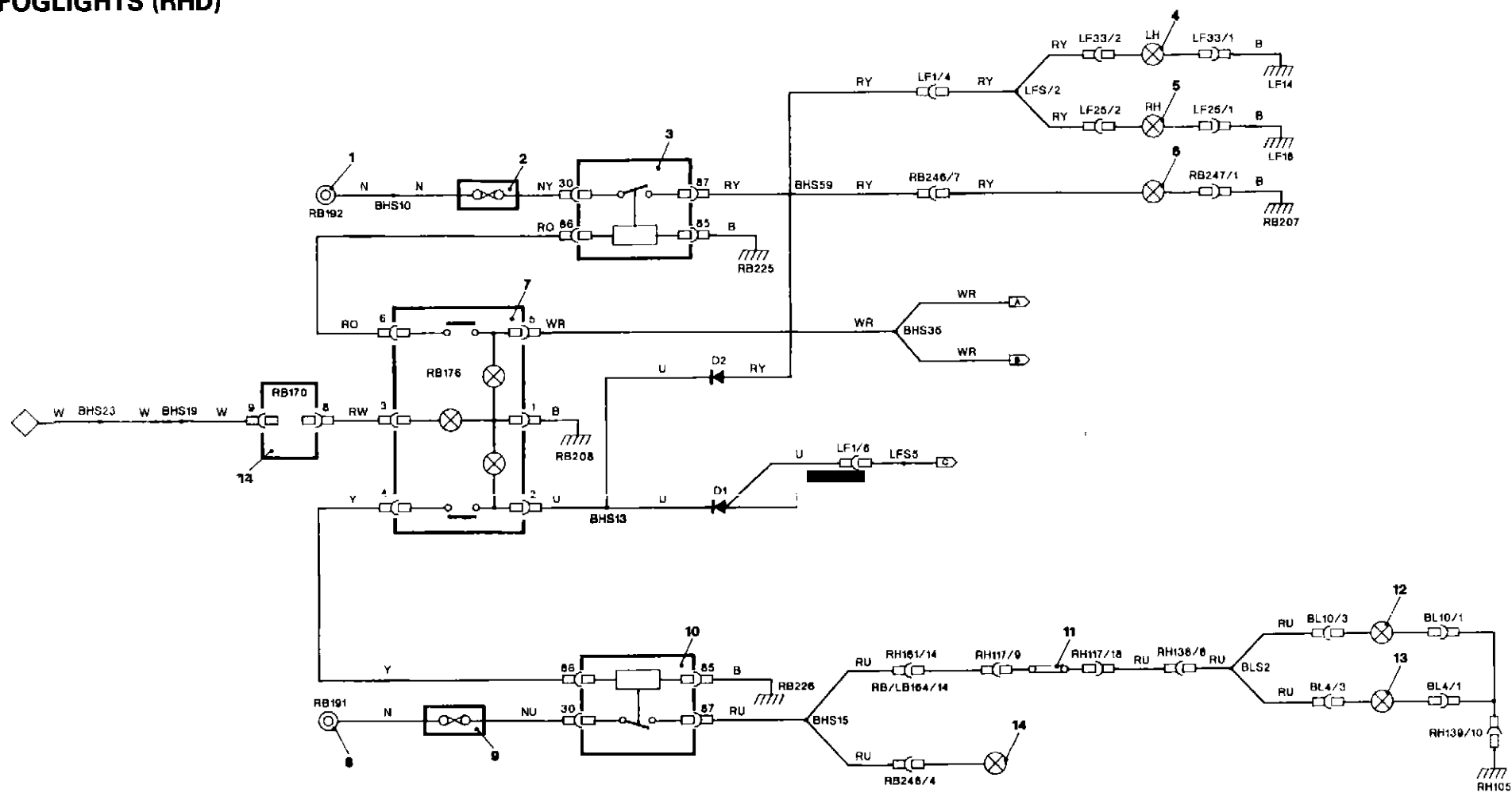
- |    |  |
|----|--|
| 1  | Battery post RB192                     |
| 2  | Fuse 20 (RH fusebox)                   |
| 3  | Front foglight relay RB259             |
| 4  | Front LH foglight LF33                 |
| 5  | Front RH foglight LF25                 |
| 6  | Front foglights ON indicator           |
| 7  | Front and rear foglight switches       |
| 8  | Battery post RB191                     |
| 9  | Fuse 17 (RH fusebox)                   |
| 10 | Rear foglight relay RB260              |
| 11 | Caravan connector link (pins 9 and 10) |
| 12 | Rear RH foglight RH96                  |
| 13 | Rear LH foglight RH119                 |
| 14 | Rear foglights ON indicator            |

#### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To radio connector RB160/11            |
| B | To illumination control module RB170/6 |
| C | To lighting relays                     |
| D | To security system connector SS2/9     |



# FOGLIGHTS (RHD)



J91-178



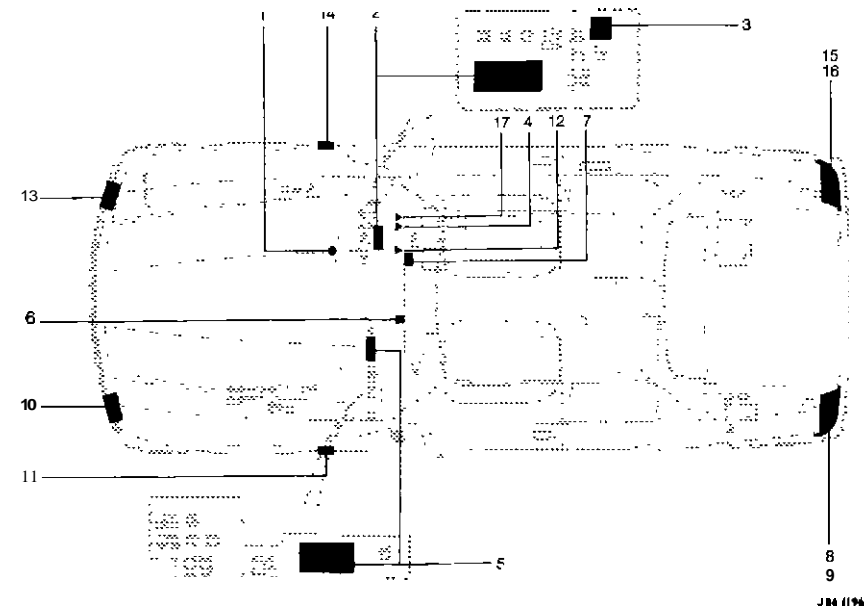
## CIRCUIT DIAGRAMS AND HARNESSSES



### DIRECTION AND HAZARD WARNING LAMPS

#### KEY TO CIRCUIT COMPONENTS

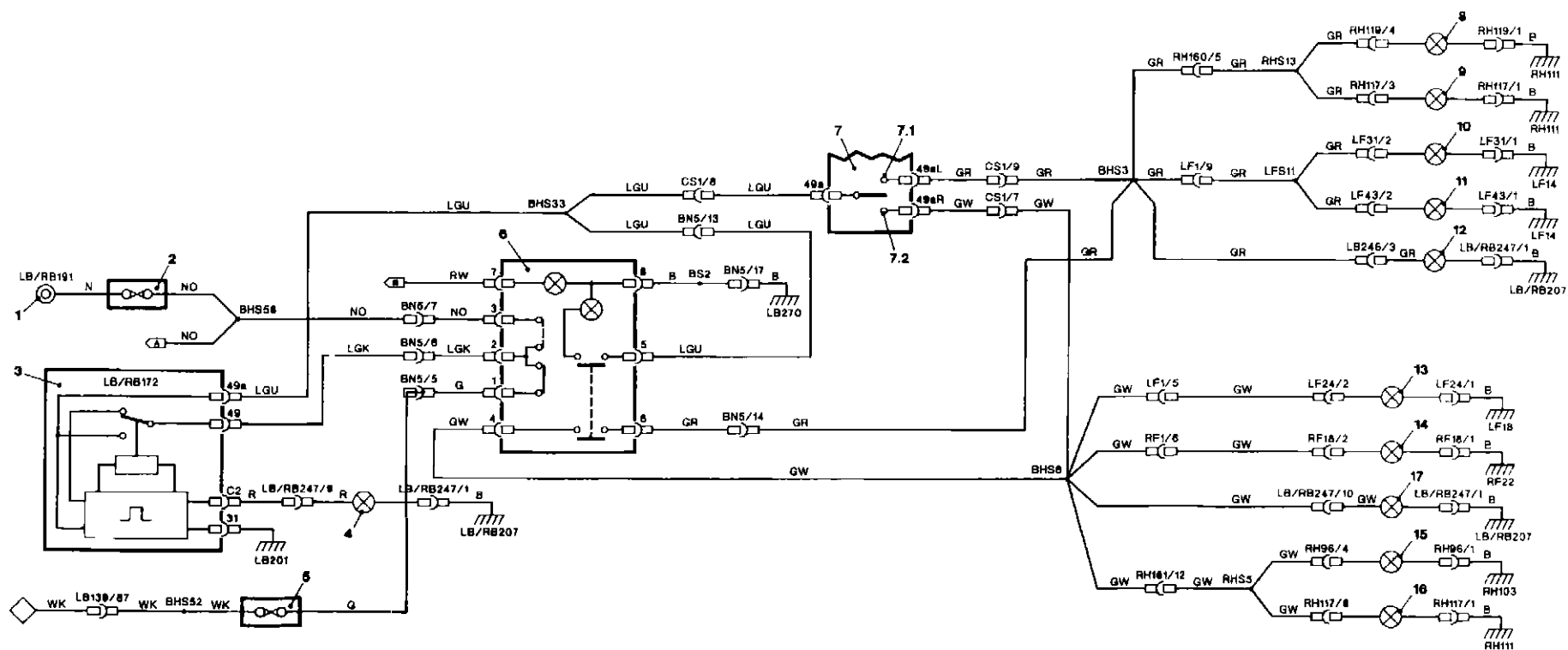
- |     |  |
|-----|--|
| 1   | Battery post LB/RB191                            |
| 2   | Fuse 19 (LH fusebox-LHD/RH fusebox RHD)          |
| 3   | Flasher unit LB/RB172                            |
| 4   | Trailer/caravan turn indicator (instrument pack) |
| 5   | Fuse 5 (RH fusebox-LHD/LH fusebox RHD)           |
| 6   | Hazard warning switch                            |
| 7   | Direction indicator switch                       |
| 7.1 | Turn left  |
| 7.2 | Turn right                                       |
| 8   | Rear LH direction indicator (vehicle)            |
| 9   | Rear LH direction indicator (caravan)            |
| 10  | Front LH direction indicator                     |
| 11  | Front LH direction indicator repeater            |
| 12  | Turn left indicator (instrument pack)            |
| 13  | Front RH direction indicator                     |
| 14  | Front RH direction indicator repeater            |
| 15  | Rear RH direction indicator (vehicle)            |
| 16  | Rear RH direction indicator (caravan)            |
| 17  | RH turn indicator (instrument pack)              |



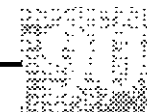
#### CONNECTIONS TO OTHER CIRCUITS

- |   |                              |
|---|------------------------------|
| A | To seat belt logic unit      |
| B | To internal lighting circuit |

## DIRECTION AND HAZARD WARNING LAMPS



J91-184



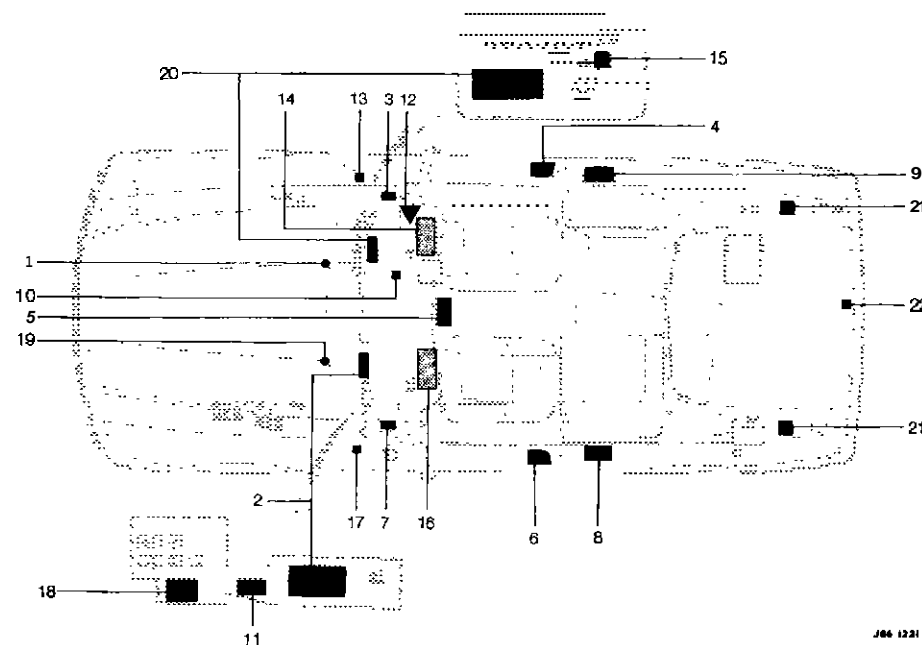




## INTERNAL LIGHTING

### KEY TO CIRCUIT COMPONENTS

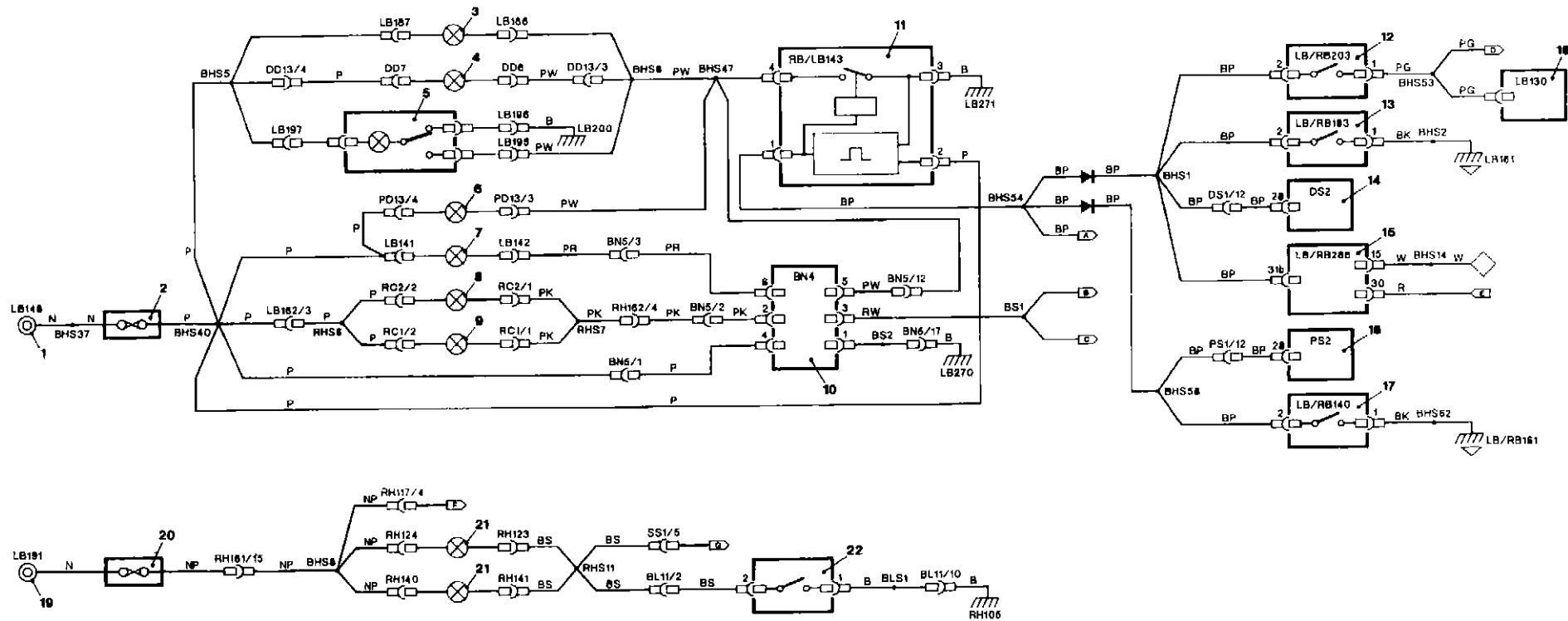
- |    |  |
|----|--|
| 1  | Battery post LB/RB146                                |
| 2  | Fuse 4 (RH fusebox LH drive/<br>LH fusebox RH drive) |
| 3  | Driver's courtesy light                              |
| 4  | Driver's door lamp                                   |
| 5  | Roof light   |
| 6  | Passenger's door lamp                                |
| 7  | Passenger's map light                                |
| 8  | Interior light (LH)                                  |
| 9  | Interior light (RH)                                  |
| 10 | Interior lighting switch BN4                         |
| 11 | Interior lights delay unit LB/RB144                  |
| 12 | Key switch LB/RB203                                  |
| 13 | Door switch LB/RB188                                 |
| 14 | Driver's seat control unit <b>DS2</b>                |
| 15 | Lights on warning LB/RB286                           |
| 16 | Passenger's seat control unit                        |
| 17 | Door switch LB/RB140                                 |
| 18 | Seat belt logic unit LB/RB130                        |
| 19 | Battery post LB/RB191                                |
| 20 | Fuse 11 (LH fusebox LH drive/RH<br>fusebox RH drive) |
| 21 | Luggage compartment lights                           |
| 22 | Boot lights micro switch                             |



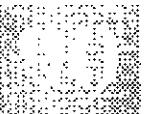
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To security harness RH174/4  |
| B | To heated rear window and hazard warning switch                              |
| C | To instruments lighting circuit  |
| D | To exhaust temperature LB/RB211 (Japan)/<br>speed warning XT7 (Saudi Arabia) |
| E | From side lights circuit   |
| F | To caravan internal lighting circuit   |

## INTERNAL LIGHTING



J01-157





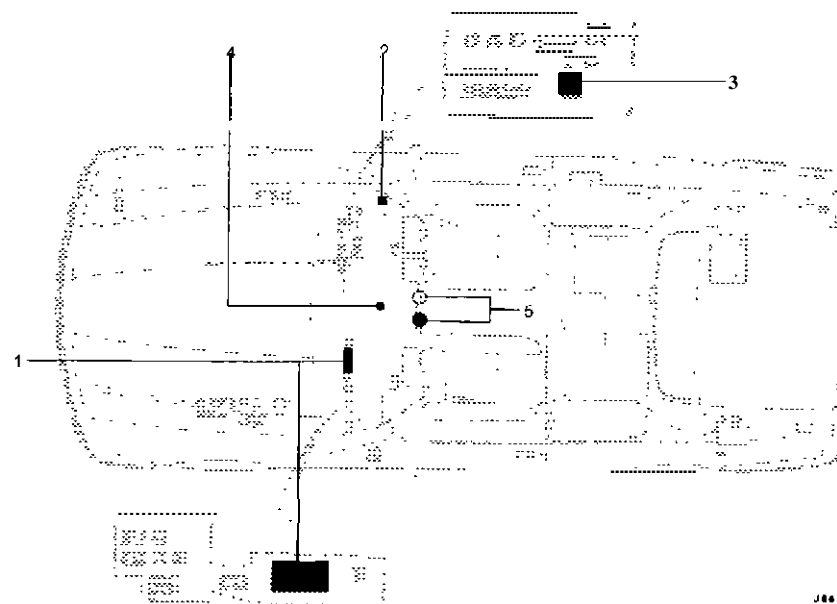
## INSTRUMENT ILLUMINATION

### KEY TO CIRCUIT COMPONENTS

- 1 Fuse 18 (L.H. fusebox)
- 2 Illumination control potentiometer
- 3 Illumination control module
- 4 Air conditioning controls illumination
- 5 Cigar lighter illumination

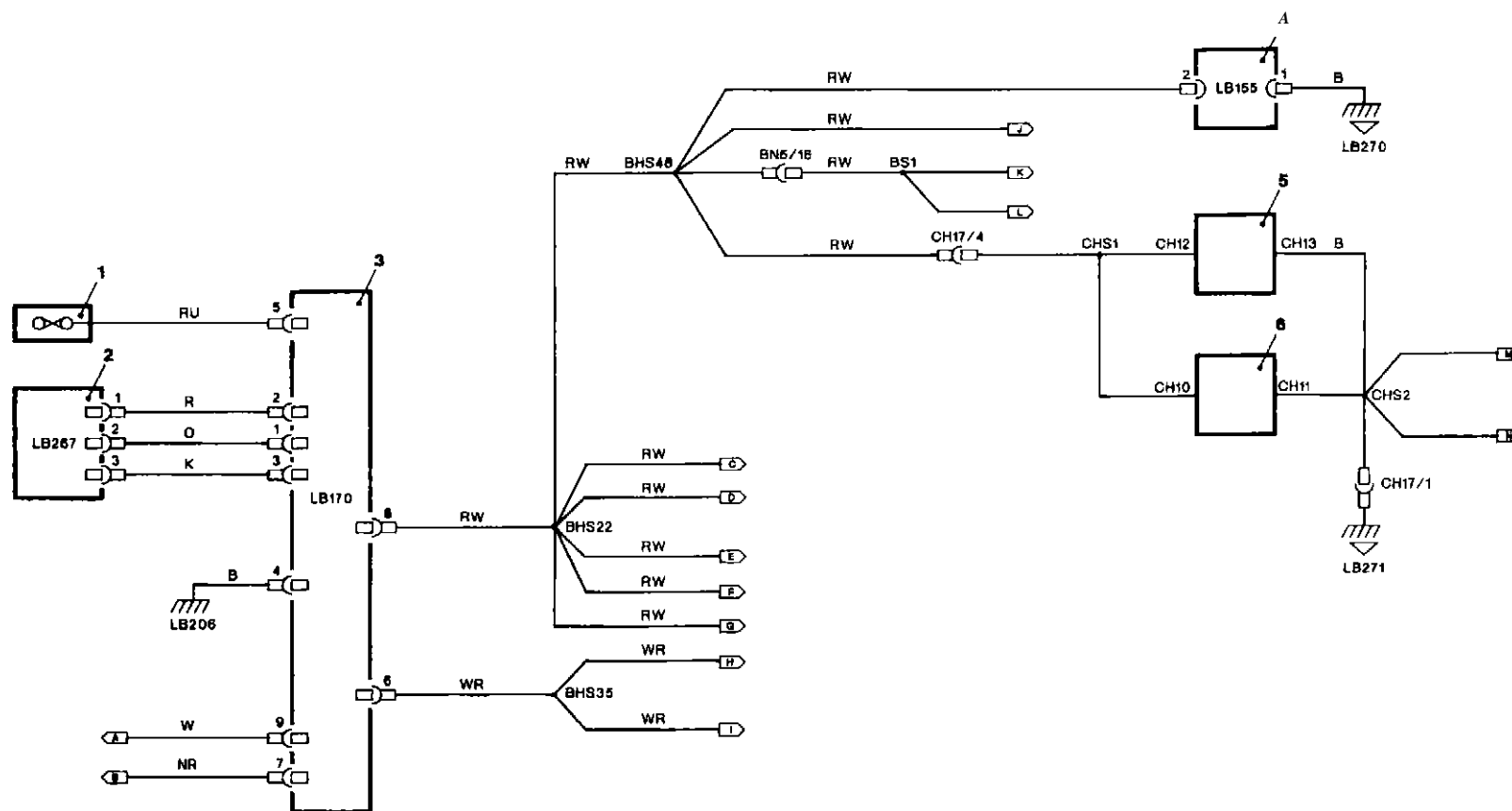
### CONNECTIONS TO OTHER CIRCUITS

- A Ignition-switched supply, via BHS-23
- B Sidelights on, via BHS-32
- C Instrument pack illumination, to LB247/2
- D Fog lamp switch illumination, to LB176/3
- E Driver's door switches illumination, to DD12/14
- F Passenger's door switches illumination, to PD12/14
- G Column control gear illumination, to CS1/21
- H Radio illumination, to LB160/11
- I Fog lamp circuit, LB189/5
- J Gear selector illumination, via GH9/9
- K Instrument/map light switches illumination, to BN4/3
- L HRW/hazard switches illumination, to BN2/7
- M LH window switches (window circuit)
- N RH window switches (window circuit)

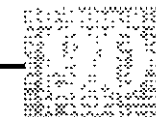


JOB 1211

## INSTRUMENT ILLUMINATION



J81-178





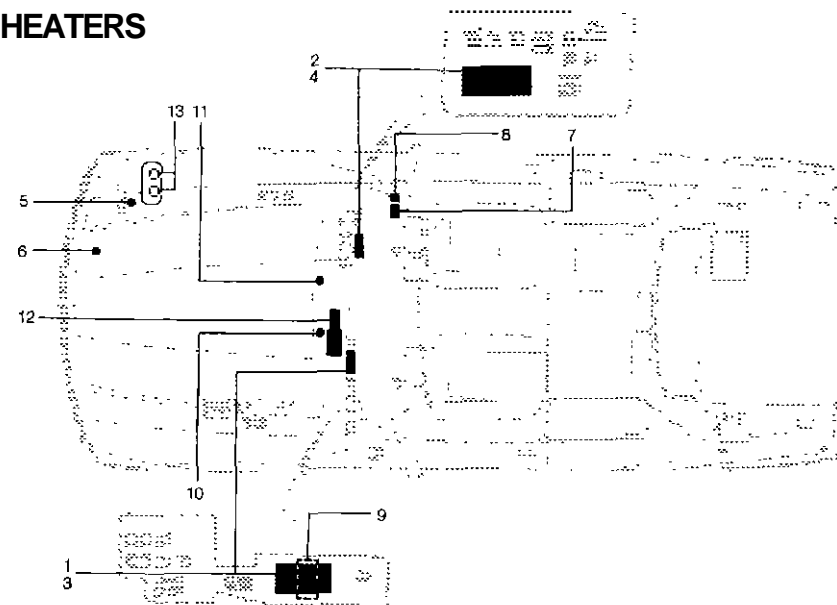
## WINDSCREEN WIPERS, WASHERS, POWER WASH AND WASH JET HEATERS

### KEY TO CIRCUIT COMPONENTS

- 1 Fuse 15 (LH fusebox)
- 2 Fuse 8 (RH fusebox)
- 3 Fuse 8 (LH fusebox)
- 4 Fuse 9 (RH fusebox)
- 5 Washer low level sensor LF20
- 6 Ambient temperature sensor LF17
- 7 Wiper switch on column switchgear via CS1
- 8 Washer switch on column switchgear via CS1
- 9 Wiper control module LB148
- 10 Left-hand heated power wash jet LF32
- 11 Right-hand heated power wash jet LF27
- 12 Windscreen wiper assembly LB149
- 13 Windscreen and power wash pumps LF21

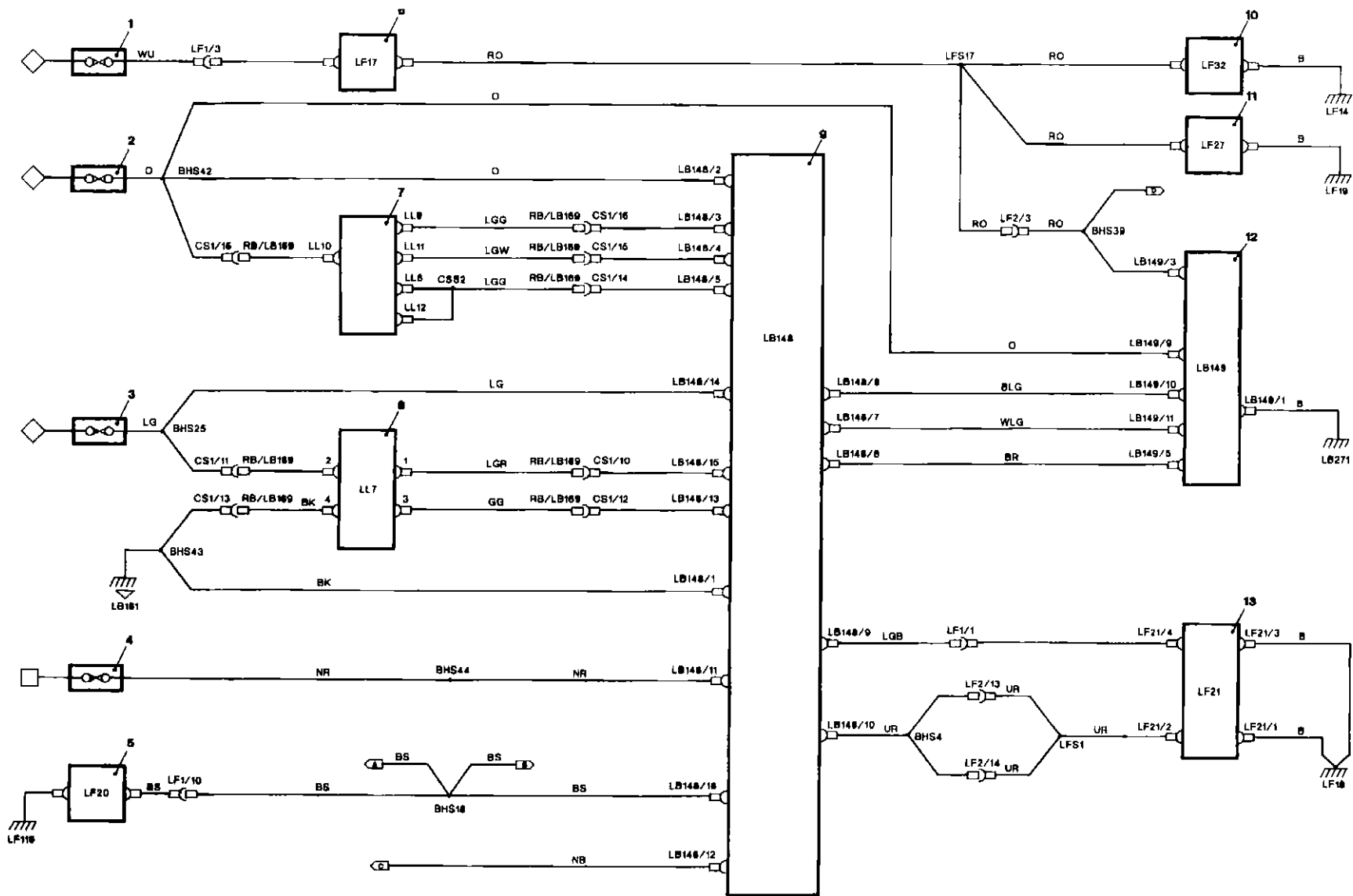
### CONNECTIONS TO OTHER CIRCUITS

- A from bulb check unit LB174
- B to warning lamp on instrument pack LB247
- C from headlamp switch via BHS-7
- D to PI system via LI135/4

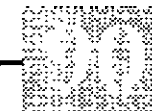


J84 1206

## WINDSCREEN WIPERS, WASHERS, POWERWASH AND WASH JET HEATERS



J91-105





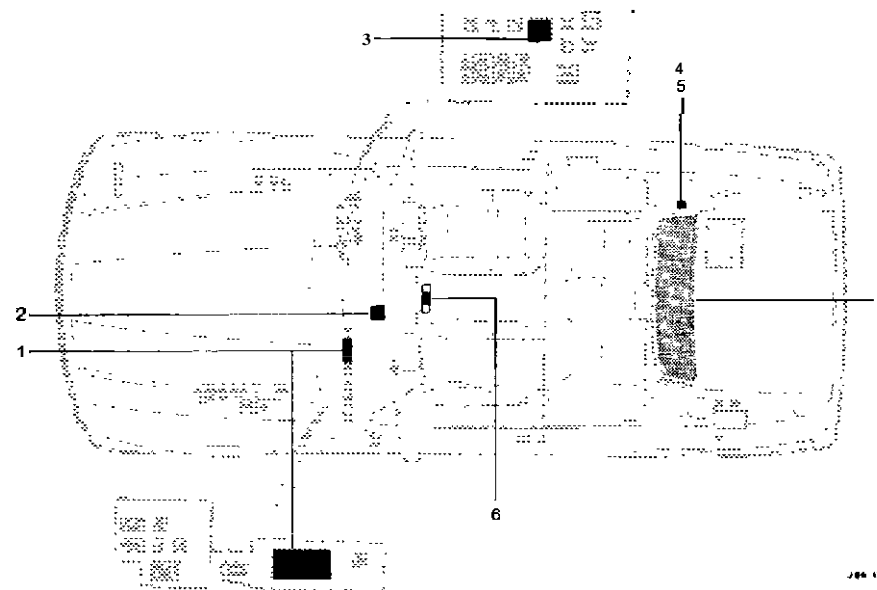
### HEATED REAR WINDOW

#### KEY TO CIRCUIT COMPONENTS

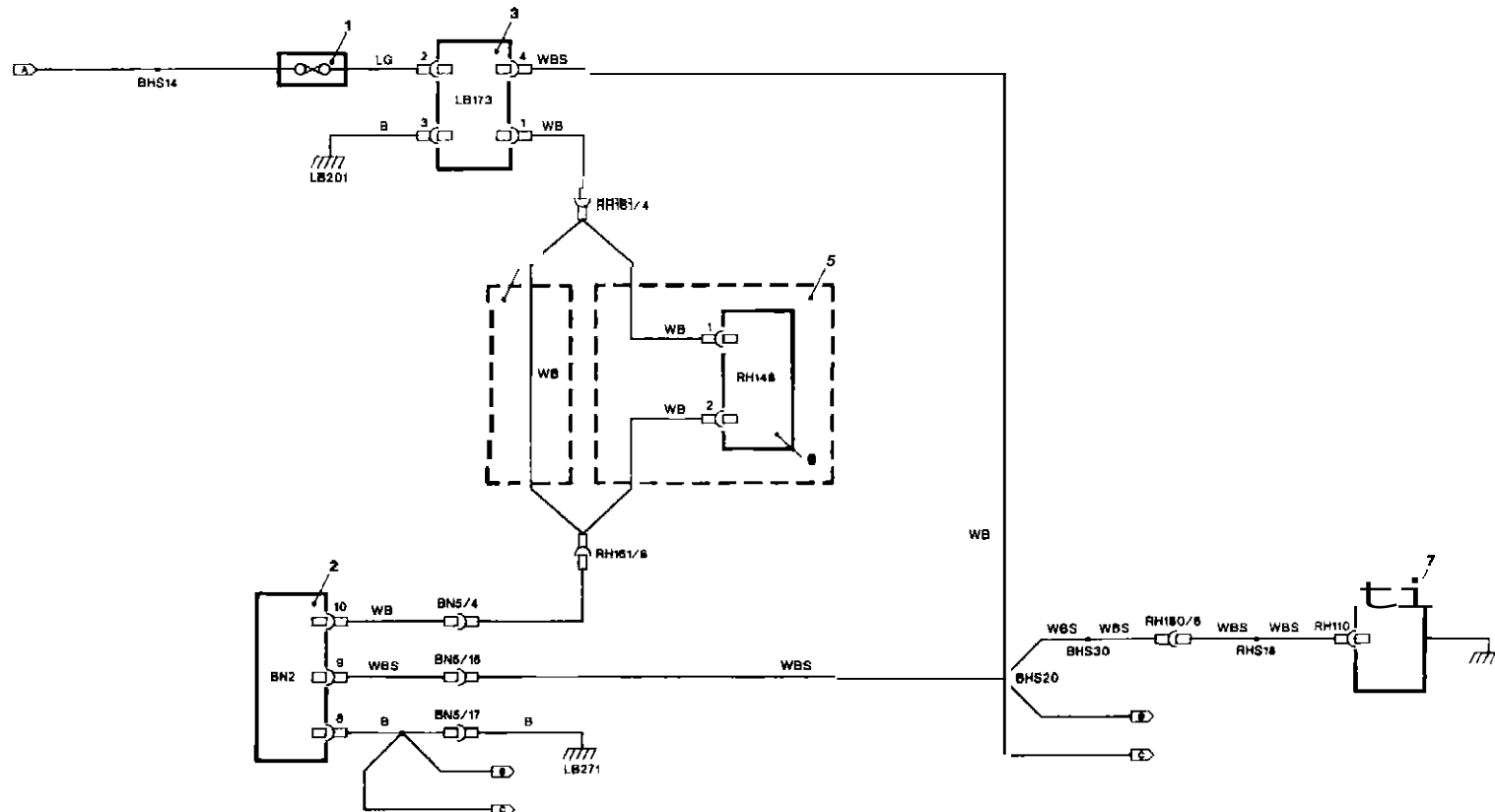
- 1 Fuse 22 (LH fusebox RH drive/  
RH fusebox LH drive))
- 2 Heated rear screen switch BN2
- 3 Timer LB/RB173
- 4 Link connection for coupe
- 5 Connection for convertible
- 6 Hood switch (convertible only)
- 7 Heater

#### CONNECTIONS TO OTHER CIRCUITS

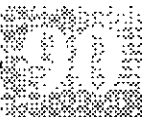
- A from ignition load relay LB/RB175/87A
- B to driver's mirror heater
- C to passenger's mirror heater



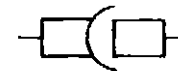
# HEATED REAR WINDOW



J01-173







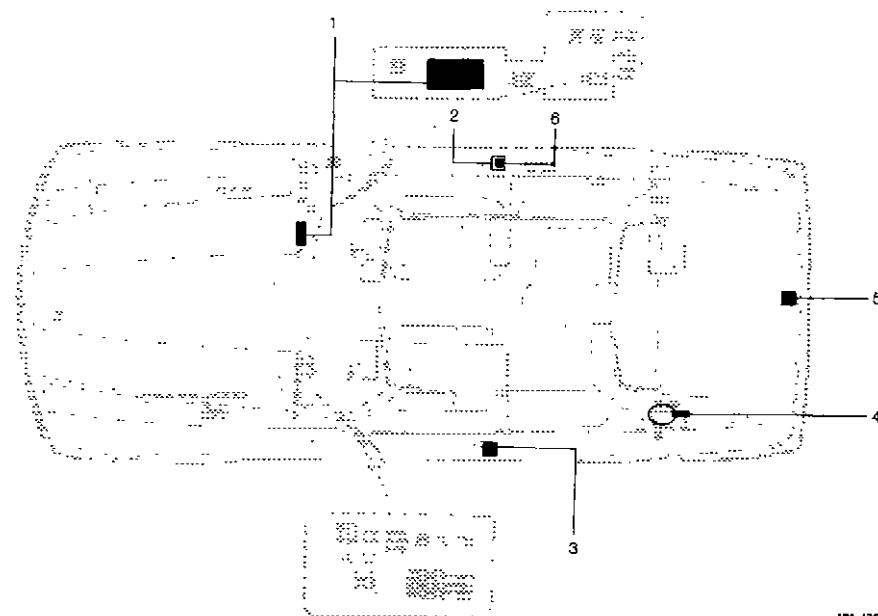
## CENTRAL DOOR LOCKING

### KEY TO CIRCUIT COMPONENTS

- 1 22-way fusebox LB268
- 2 Central Locking Unit LB138
- 3 Left-hand Door Lock DD5/PD5
- 4 Fuel Filler Cap Lock RH125 5 Boot Lock BL7
- 6 Right-hand Door Lock PD5/DD5

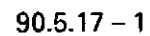
### CONNECTIONS TO OTHER CIRCUITS

- A Lock Doors – to Security System RH174/6
- B Unlock Doors – to Security System RH174/7
- C Logic Earth – to Door Switch
- D Logic Earth – to DS1/2
- E Logic Earth – to



J36 1204

**March 91**



**J91-152**



### SECURITY SYSTEM

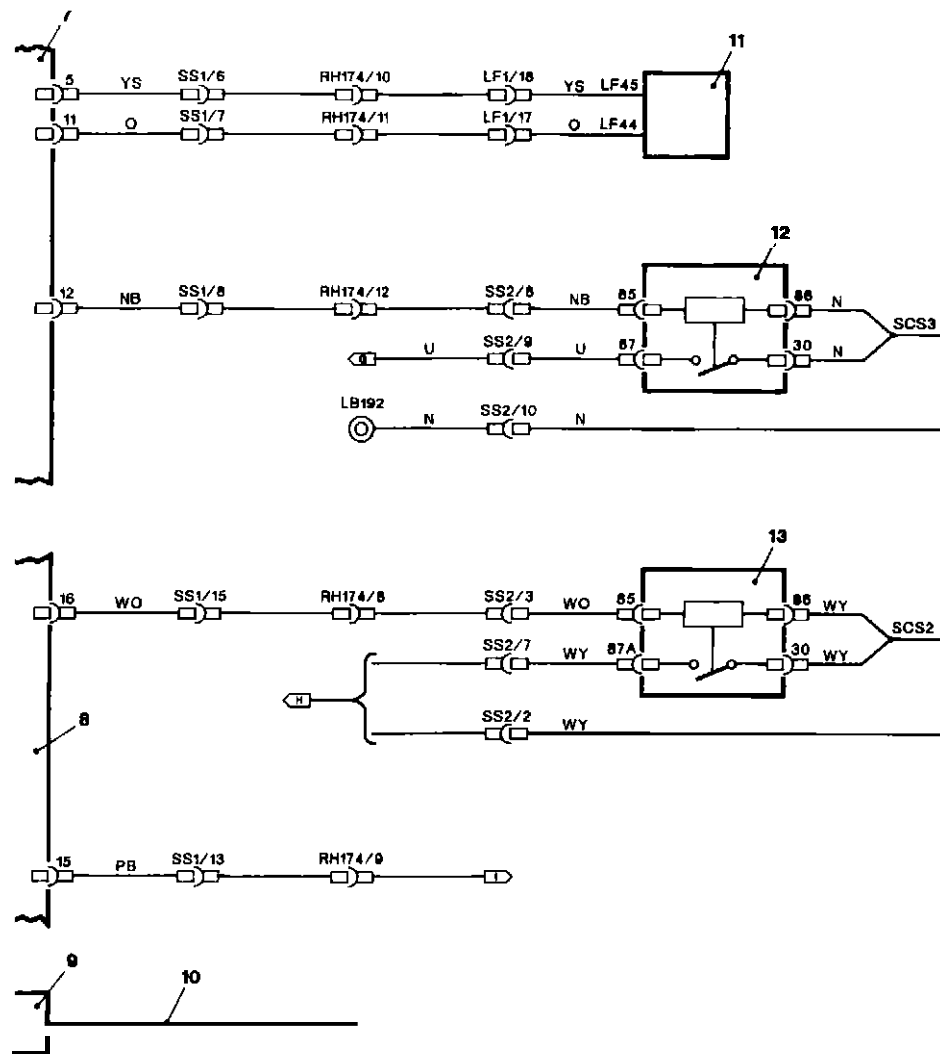
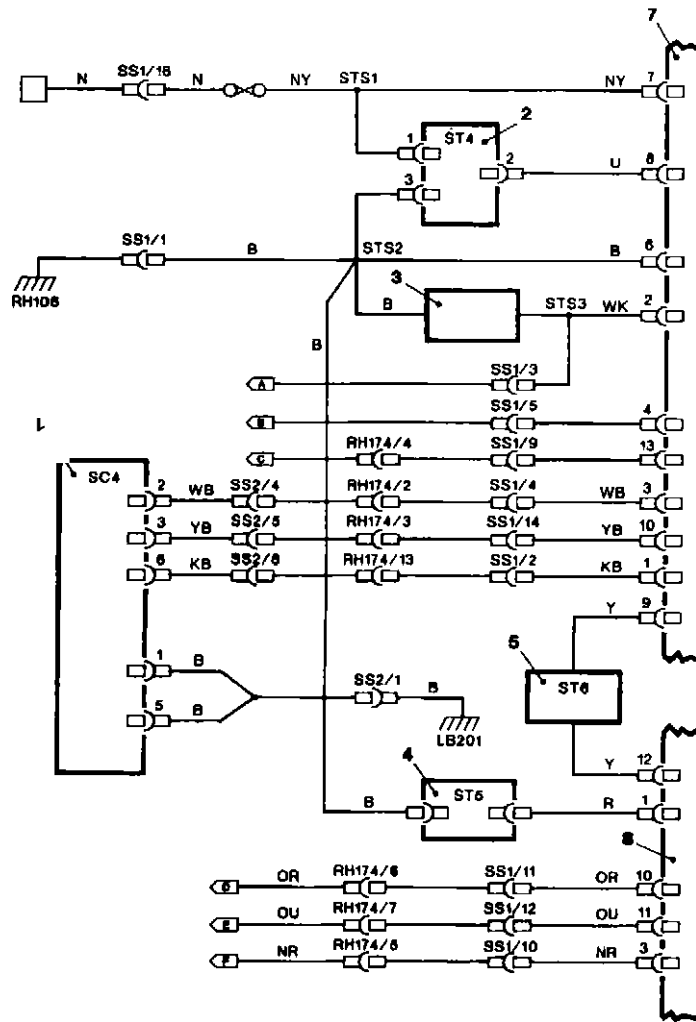
#### KEY TO CIRCUIT COMPONENTS

- |    |                                 |
|----|---------------------------------|
| 1  | Valet switch & LED              |
| 2  | Motion detector                 |
| 3  | Resistor & diode                |
| 4  | Battery backup                  |
| 5  | Passive select                  |
| 6  | Security system ECU.            |
| 7  | 14-way connector (part) to ECU. |
| 8  | 16-way connector (part) to ECU. |
| 9  | 14-way connector (part) to ECU. |
| 10 | 16-way connector (part) to ECU. |
| 11 | Aerial connector                |
| 12 | Aerial (in rearward harness)    |
| 13 | Siren                           |
| 14 | Headlamp flash relay            |
| 15 | Start inhibit relay             |

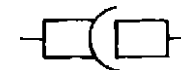
#### CONNECTIONS TO OTHER CIRCUITS

- |   |   |
|---|---|
| A | Ignition-switched supply, via RH161/3 and BHS12 |
| B | from boot lamp circuit RHS11                    |
| C | from interior light circuit                     |
| D | from lighting circuit BHS32                     |
| E | from central locking, BHS63                     |
| F | from central locking, BHS64                     |
| G | to headlamp circuit                             |
| H | to starter circuit                              |
| I | to horn circuit                                 |

## SECURITY SYSTEM



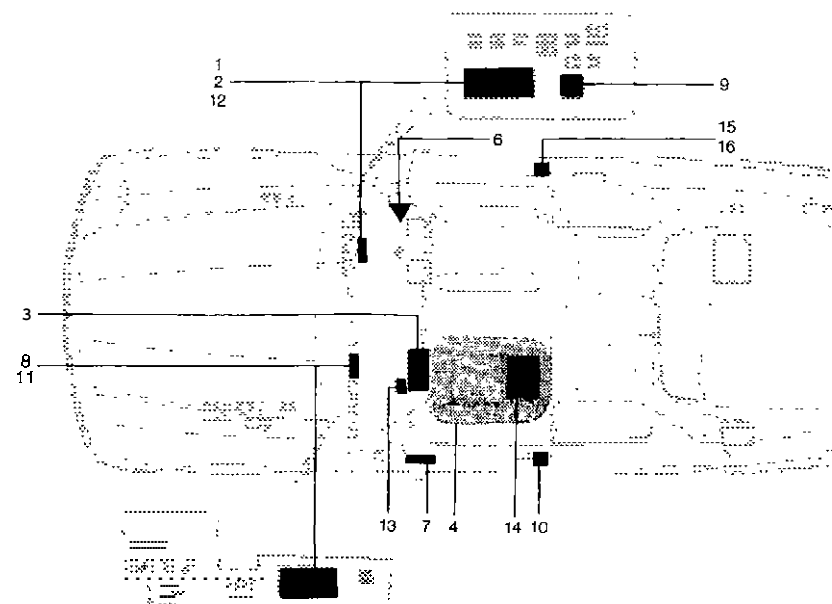
**491-150**



## SEAT (MEMORY)

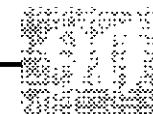
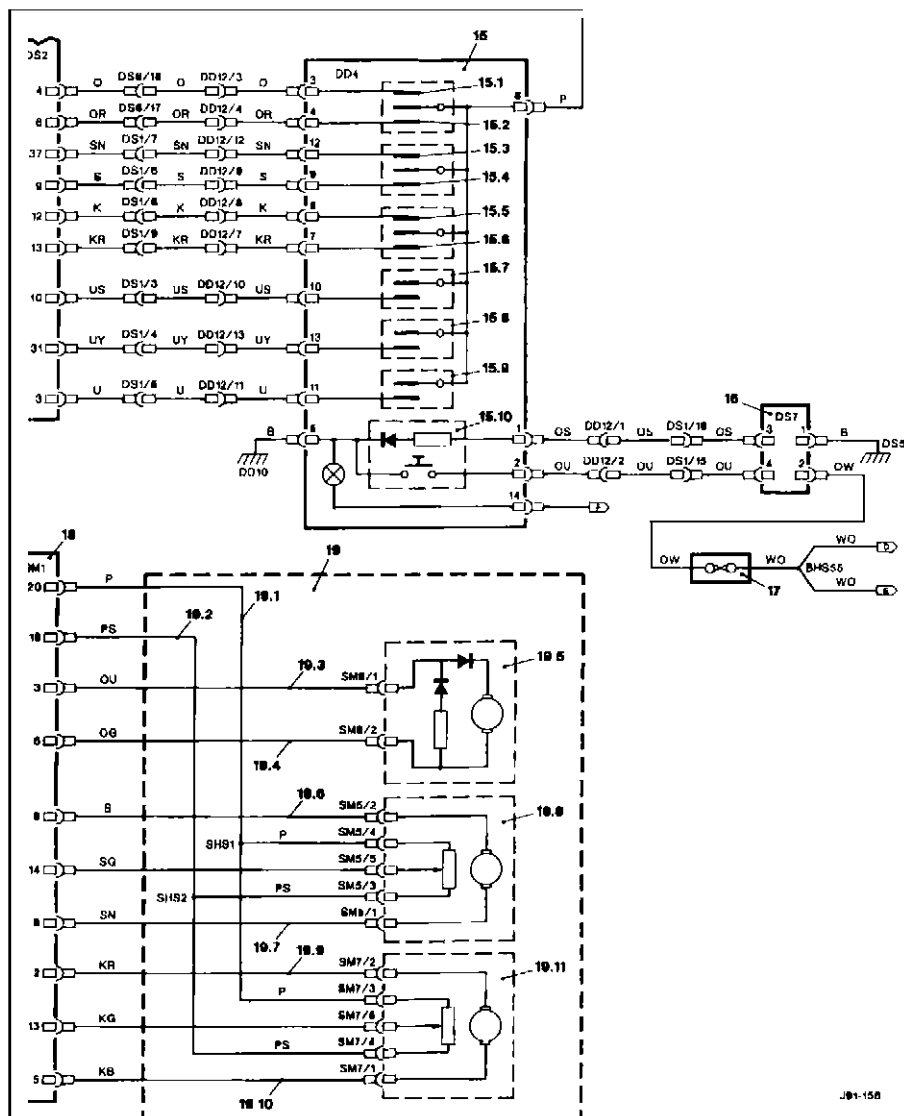
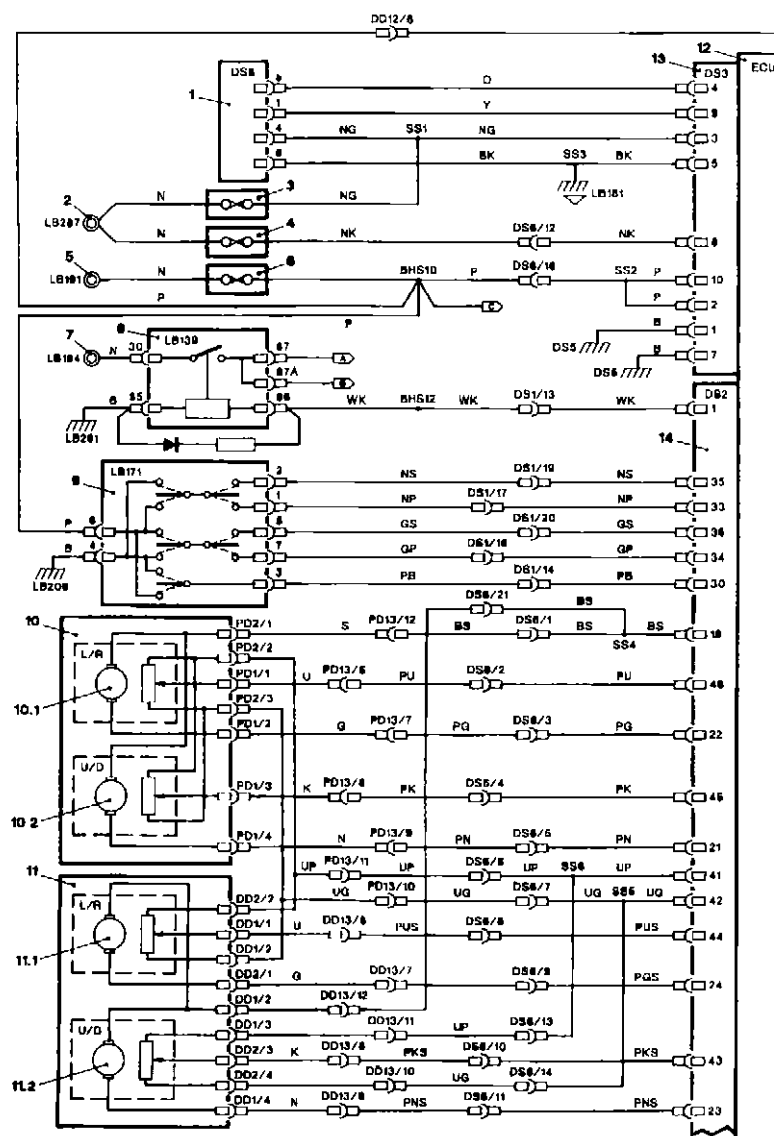
### KEY TO CIRCUIT COMPONENTS

- 1 Diagnostic connector DS8
- 2 Battery post LB287 (LHD)– RB281 (RHD)
- 3 Fuse 12 (5A–LH fusebox LH drive – RH fusebox RH drive)
- 4 Fuse 1 (20A–LH fusebox (LHD) – RH fusebox (RHD))
- 5 Battery post LB/RB191
- 6 Fuse 14 (3A–LH fusebox (LHD) – RH fusebox (RHD))
- 7 Battery post LB145 (LHD)– RB282 (RHD)
- 8 Auxiliary controlled load relay LB/RB139
- 9 Mirror adjustment switch pack LB/RB171
- 10 Passenger's door mirror PD1/PD2
- 10.1 Left/right motor
- 10.2 Up/down motor
- 11 Driver's door mirror DD1/DD2
- 11.1 Left/right motor
- 11.2 Up/down motor
- 12 Seat electronic control unit (ECU)
- 13 Connector DS3
- 14 Connector DS2
- 15 Connector DD12
- 16 Connector RB/LB179 or RB/LB135
- 17 Seat adjustment switch pack DD4/PD4
- 17.1 Lumbar inflate
- 17.2 Lumbar deflate
- 17.3 Squab lower
- 17.4 Squab raise
- 17.5 Seat rearward
- 17.6 Seat forward
- 17.7 Memory position 1
- 17.8 Memory position 2
- 17.9 Memory set
- 18 Seat heater control unit DS7
- 19 Fuse 9 (10A LH fusebox)
- 20 Connector SM1
- 21 Driver's seat
- 21.1 Positive reference
- 21.2 Negative reference



J84 (203)

## SEAT (MEMORY)





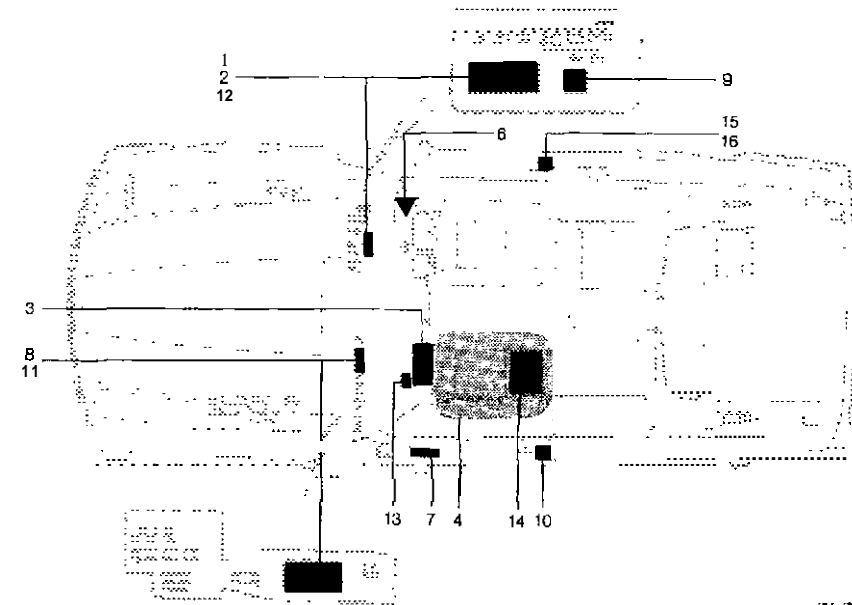
## SEAT — MEMORY — Continued

### KEY TO CIRCUIT COMPONENTS

21.3	Lumbar inflate (positive)
21.4	Lumbar deflate (negative)
21.5	Lumbar motor and pump
21.6	Squab recline positive
21.7	Squab recline negative
21.8	Squab recline motor and potentiometer
21.9	Seat fore/aft positive
21.10	Seat fore/aft negative
21.11	Seat fore/aft motor and potentiometer

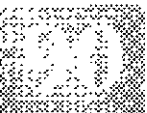
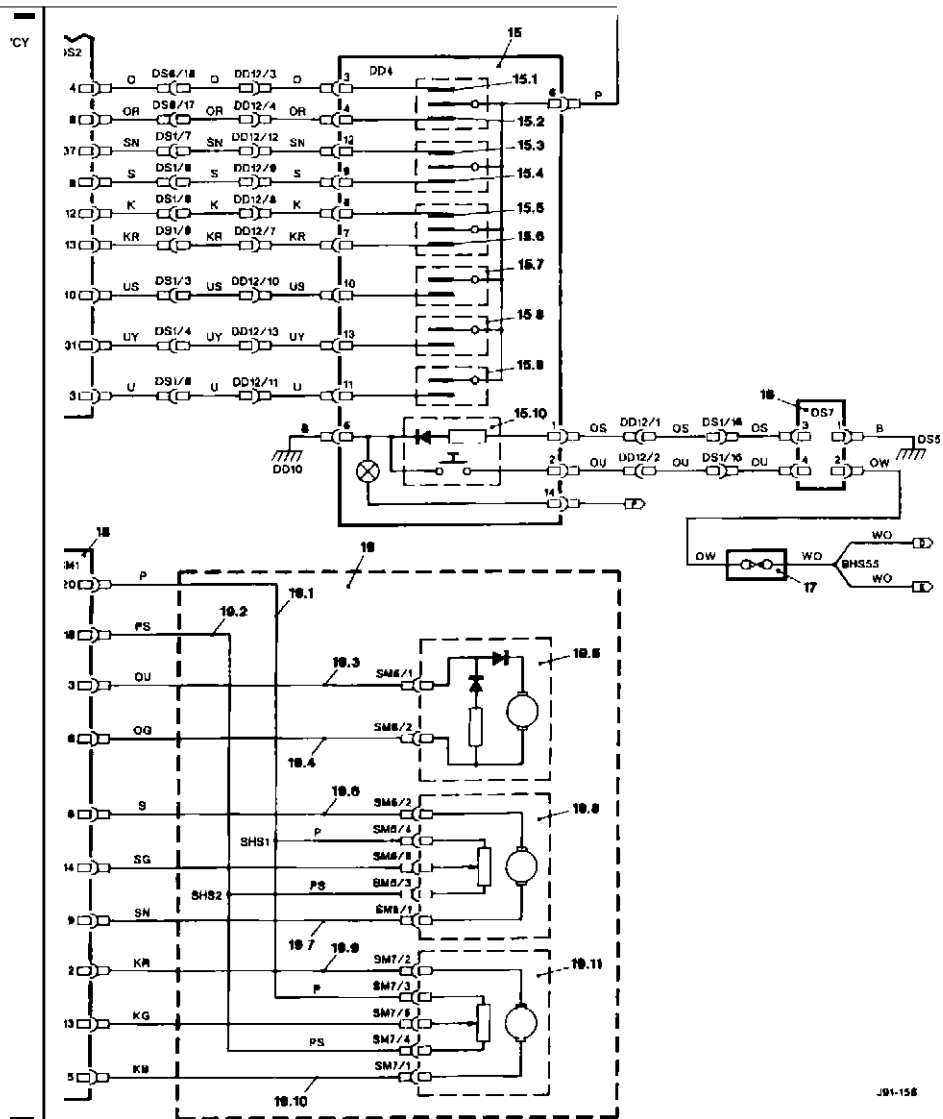
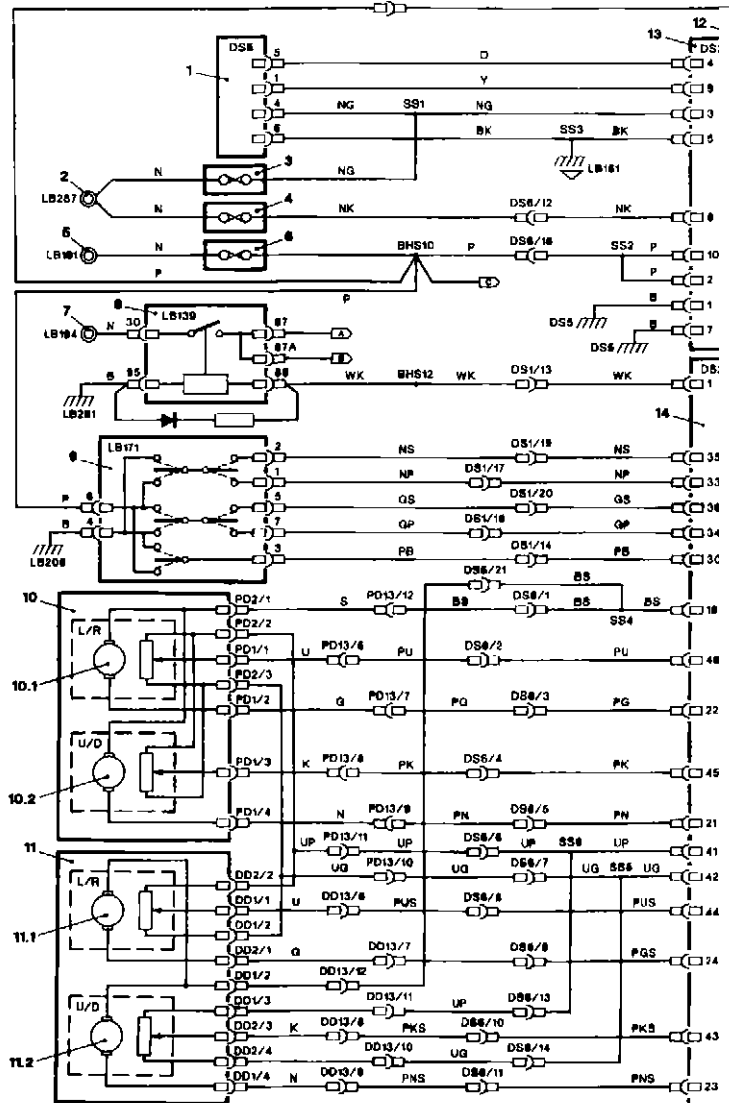
### CONNECTIONS TO OTHER CIRCUITS

A	To ignition switched loads
B	To window lift breaker
C	To passenger door harness PD12/6
D	To seat heater relay LB/RB283/87
E	To fuse 17 (RH fusebox LH drive/ LH fusebox RH drive)



J86 1203

# SEAT — MEMORY — Continued



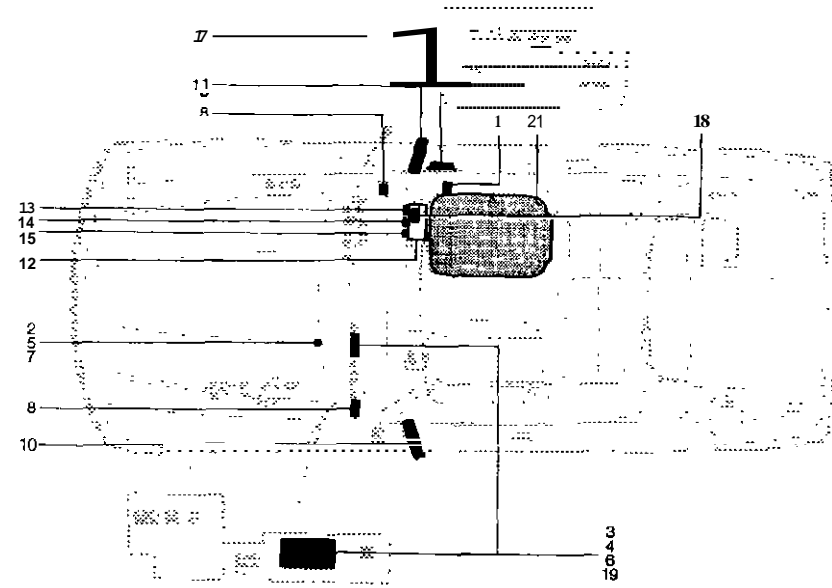




## SEAT — NON-MEMORY

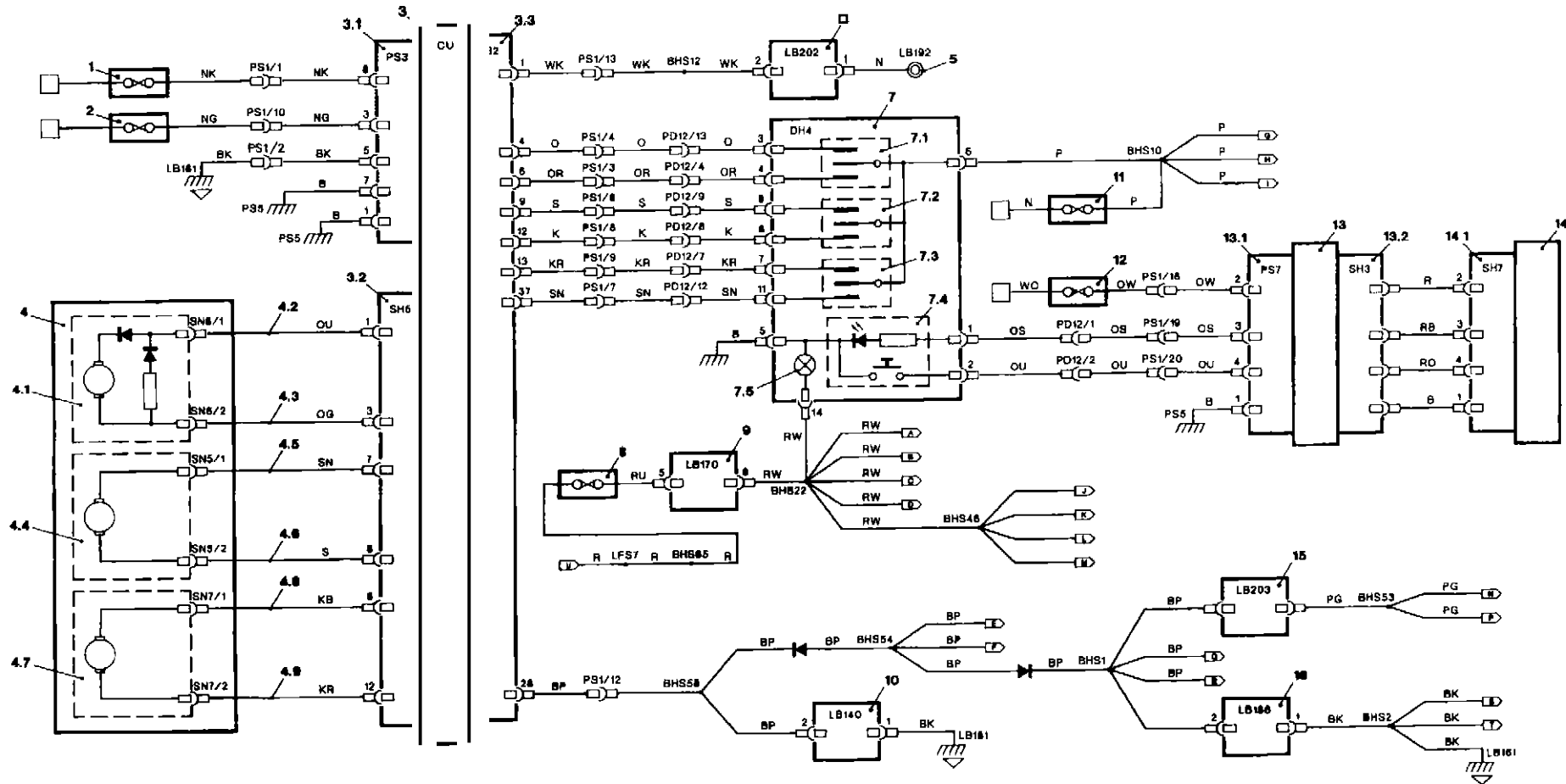
### KEY TO CIRCUIT COMPONENTS

- 1 Fuse 1 (RH fusebox)
- 2 Fuse 12 (RH fusebox)
- 3 Electronic control unit (ECU)
- 3.1 Connector PS3
- 3.2 Connector SH5
- 3.3 Connector PS2
- 4 Seat
- 4.1 Lumbar adjust motor and valve
- 4.2 Inflate positive
- 4.3 Deflate negative
- 4.4 Squab recline motor
- 4.5 Squab positive
- 4.6 Squab negative
- 4.7 Fore/aft motor
- 4.8 Fore/aft positive
- 4.9 Fore/aft negative
- 5 Battery post LB192
- 6 Ignition switch LB202
- 7 Switch pack
- 7.1 Lumbar inflate/deflate
- 7.2 Squab recline
- 7.3 Fore/aft
- 7.4 Seat heater switch
- 7.5 Indicator lamp
- 8 Fuse 18 (LH fusebox)
- 9 Illumination control module (LB170)
- 10 Passenger door switch
- 11 Fuse 14 (LH fusebox)
- 12 Fuse 17 (RH fusebox)
- 13 Seat heater control module
- 13.1 Connector PS7
- 13.2 Connector SH3
- 14 Seat heater
- 14.1 Connector SH7
- 15 Key switch LB203
- 16 Door switch LB188

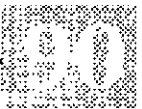


J86 1156

# SEAT — NON-MEMORY



J91-163

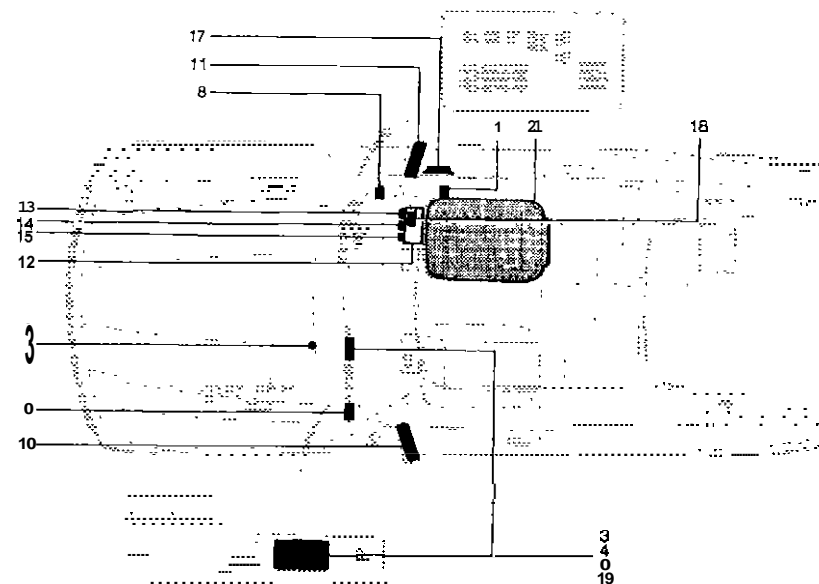




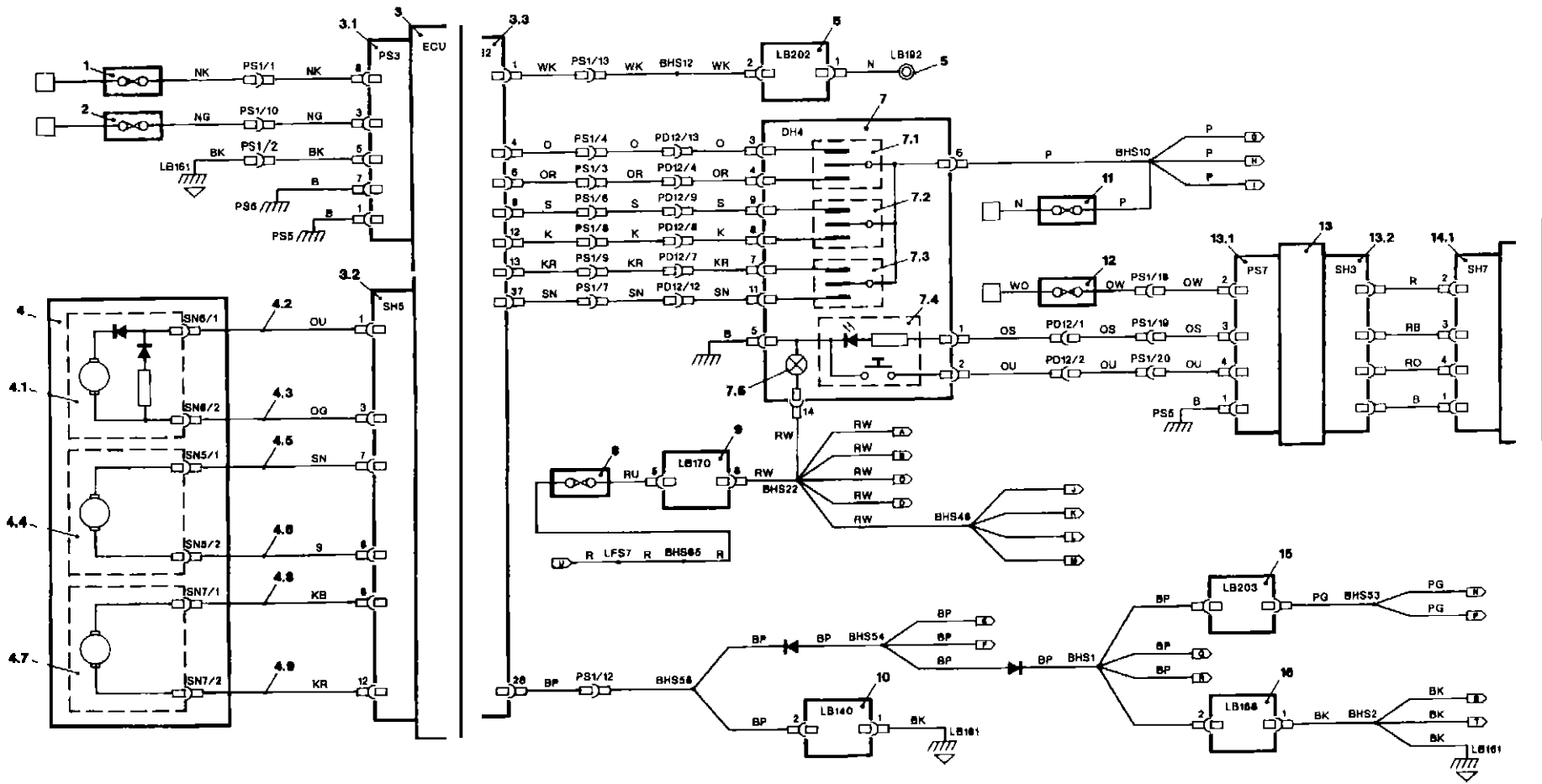
## SEAT — NON-MEMORY — Continued

### CONNECTIONS TO OTHER CIRCUITS

A	To instrument pack LB247/2
B	To front/rear foglamp switches LB176/3
C	To column switchgear CS1/20
D	To driver's door DD12/14
E	To rearward harness RH174/4
F	To interior light delay unit LB143
G	To driver's door harness DD12/6
H	To door switch LB171/6
I	To door harness DS6/16
J	To binnacle harness BN5/16
K	To console harness CH17/4
L	To gearbox harness GH9/9
M	To air conditioning illumination LB155/2
N	To exhaust temperature sensor LB211 (Japan)
O	speed warning XT7 (Saudi Arabia)
P	To seat belt logic unit LB130
Q	To driver's seat link harness DS1/12
R	To lights on warning device LB286/31b
S	To door harness DD13/5
T	To door harness DS1/2
U	From sidelights relay LF10/87



# SEAT — NON-MEMORY — Continued

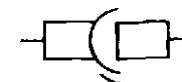


J01-163





## CIRCUIT DIAGRAMS AND HARNESSSES



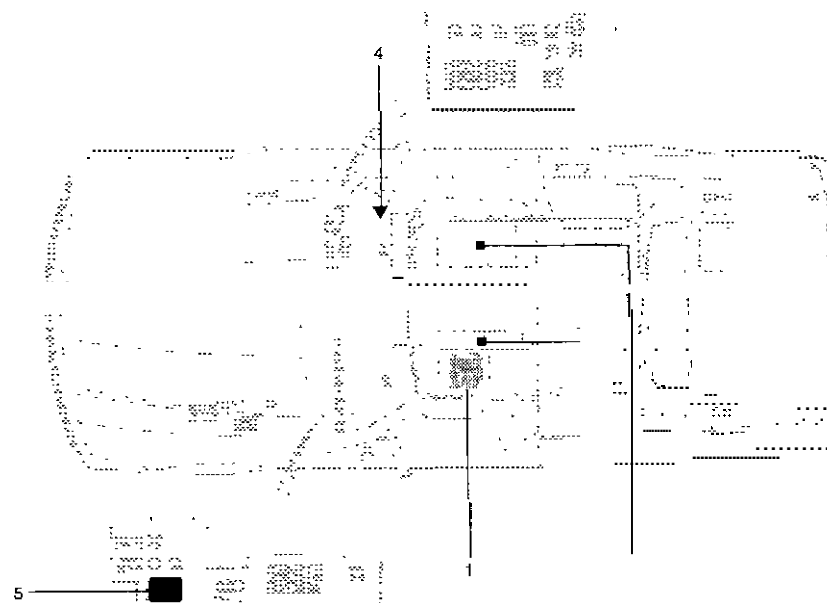
### SEAT BELTS

#### KEY TO CIRCUIT COMPONENTS

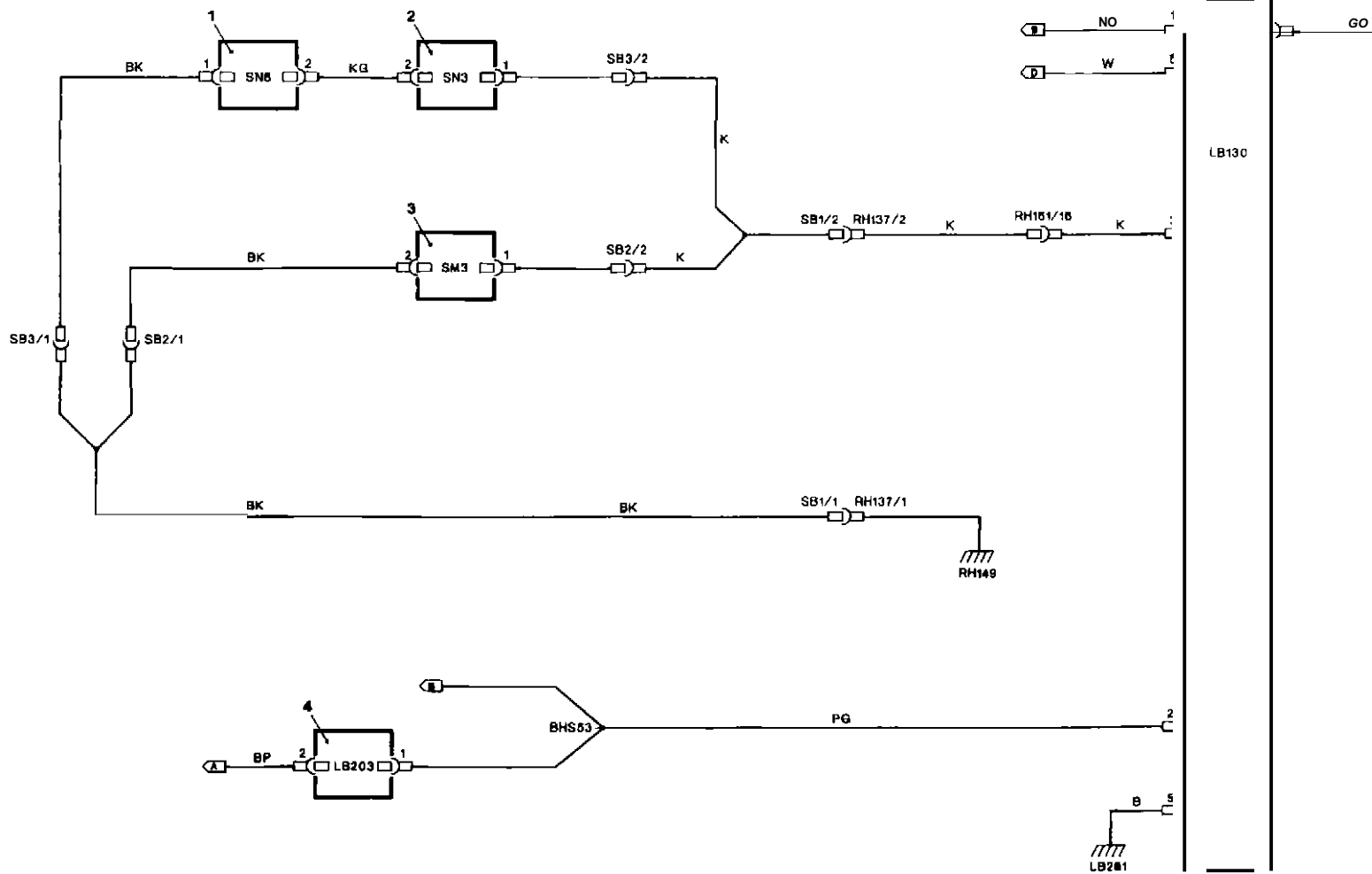
- 1 Passenger's seat pressure pad SN8
- 2 Passenger's seat belt switch SN3
- 3 Driver's seat belt switch SM3
- 4 Key switch LB203
- 5 Seat belt control module LB130

#### CONNECTIONS TO OTHER CIRCUITS

- A from door switch circuit, via BHS-1
- B from exhaust temperature circuit, via XT7/4  
or speed warning circuit, via LB211/4
- C from hazard switch circuit, BHS-56
- D Ignition-switched auxiliary, from BHS-59
- E to Instrument Pack, LB247/11



## SEAT BELTS





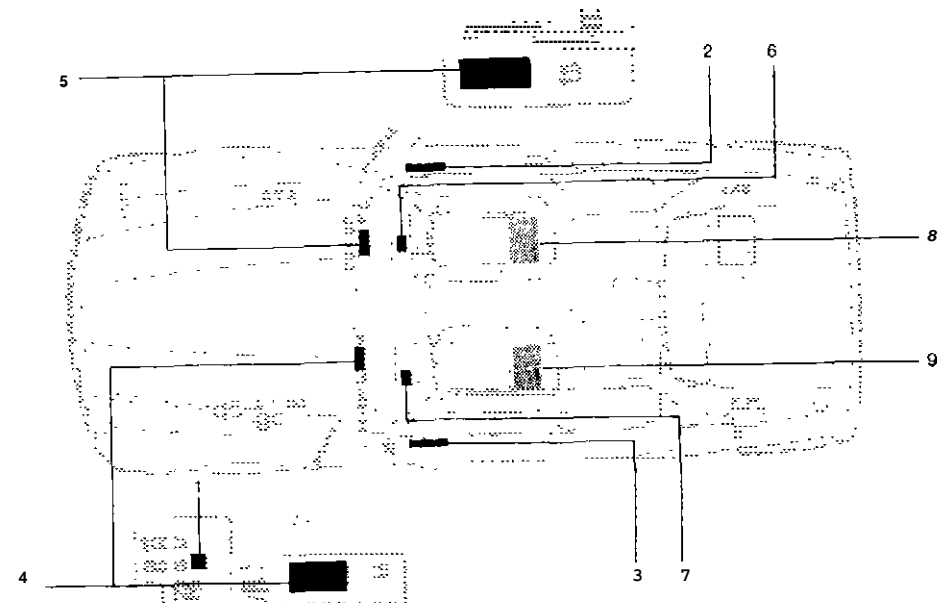
### SEATHEATERS

#### KEY TO CIRCUIT COMPONENTS

- 1 Seat heater relay LB283
- 2 Driver's door switch pack DH4 (part)
- 3 Passenger's door switch pack DH4 (part)
- 4 Fuse 9 (L.H. fusebox)
- 5 Fuse 17 (R.H. fusebox)
- 6 Driver's seat heater control module
- 7 Passenger's seat heater control module
- 8 Driver's seat heater and potentiometer
- 9 Passenger's seat heater and potentiometer

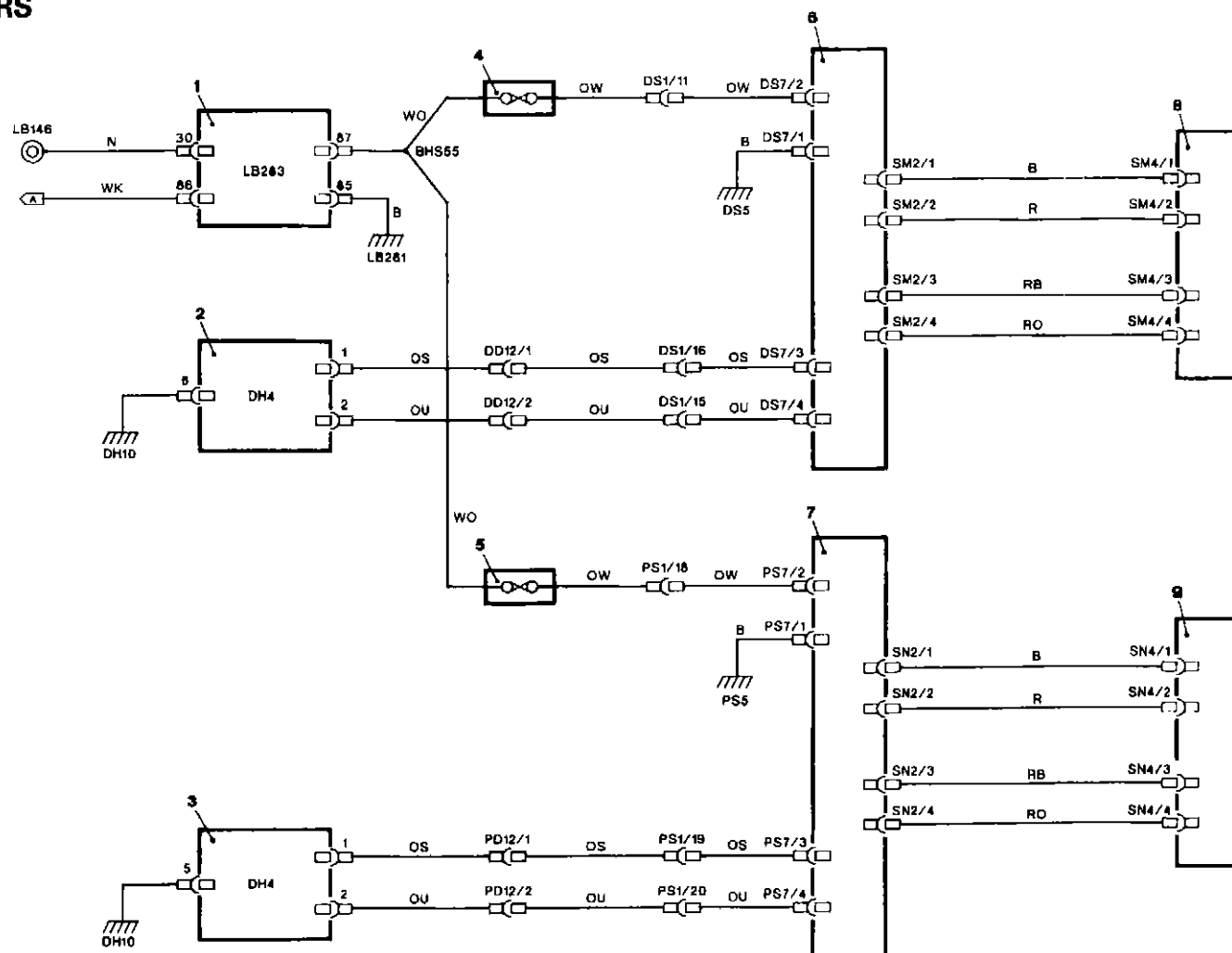
#### CONNECTIONS TO OTHER CIRCUITS

- A Ignition-switched auxiliary

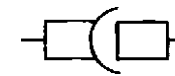


100-1182

# SEAT HEATERS







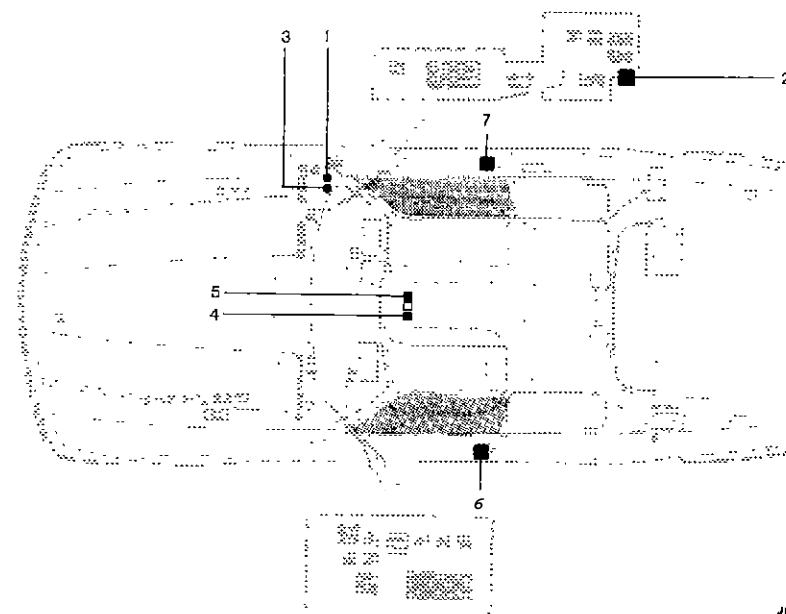
## POWERED WINDOWS

### KEY TO CIRCUIT COMPONENTS

- |   |                                   |
|---|-----------------------------------|
| 1 | Connector LB129                   |
| 2 | Window lift thermal trip          |
| 3 | Connector LB128                   |
| 4 | LH. window control switch CH15    |
| 5 | TH. window control switch CH16    |
| 6 | Driver's window lift motor DH3    |
| 7 | Passenger's window lift motor DH3 |

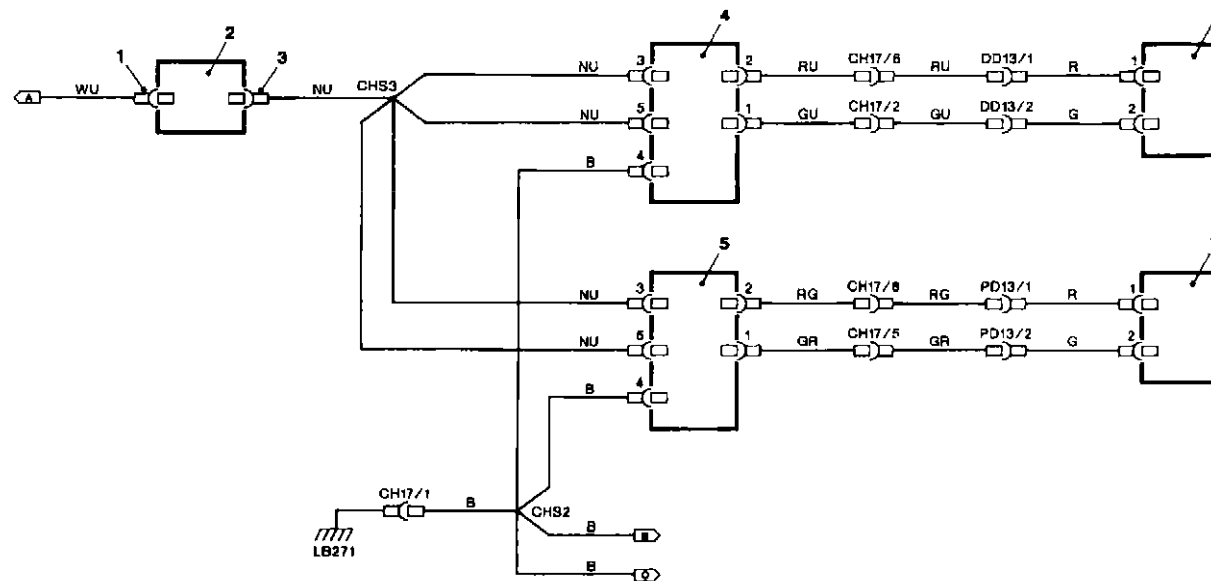
### CONNECTIONS TO OTHER CIRCUITS

- |   |   |
|---|---|
| A | Supply from Auxiliary Controlled Load relay |
| B | To cigar lighter                            |
| C | To gear selector illumination               |

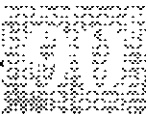


J84 1192

## POWERED WINDOWS



J91-162

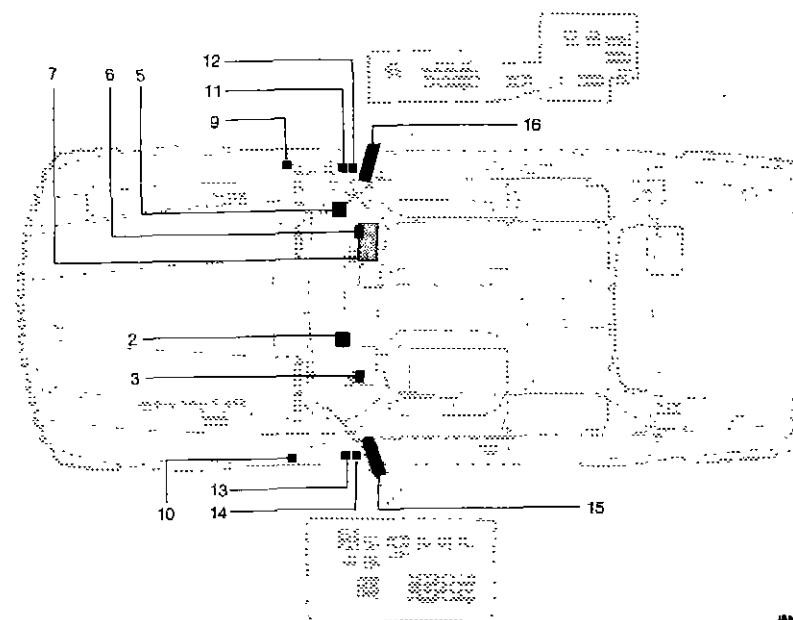




### ELECTRIC DOOR MIRRORS

#### KEY TO CIRCUIT COMPONENTS

- |    |  |
|----|--|
| 1  | Arrangement for L.H. drive                                 |
| 2  | Door mirror switch LB171                                   |
| 3  | Connector – socket DS2 (part) on driver's seat control ECU |
| 4  | Arrangement for R.H. drive                                 |
| 5  | Door mirror switch RB171                                   |
| 6  | Connector – socket DS2 (part) on driver's seat control ECU |
| 7  | Driver's seat control ECU                                  |
| 8  | Connector DS2 (part) on driver's seat control ECU          |
| 9  | Connector LE179 or LE135 (L.H. drive)                      |
| 10 | Connector RB179 or RE135 (R.H. drive)                      |
| 11 | Connector – plug DH1 on passenger's door                   |
| 12 | Connector – plug DH2 on passenger's door                   |
| 13 | Connector – plug DH2 on driver's door                      |
| 14 | Connector – plug DH1 on driver's door                      |
| 15 | Driver's door mirror                                       |
| 16 | Passenger's door mirror                                    |

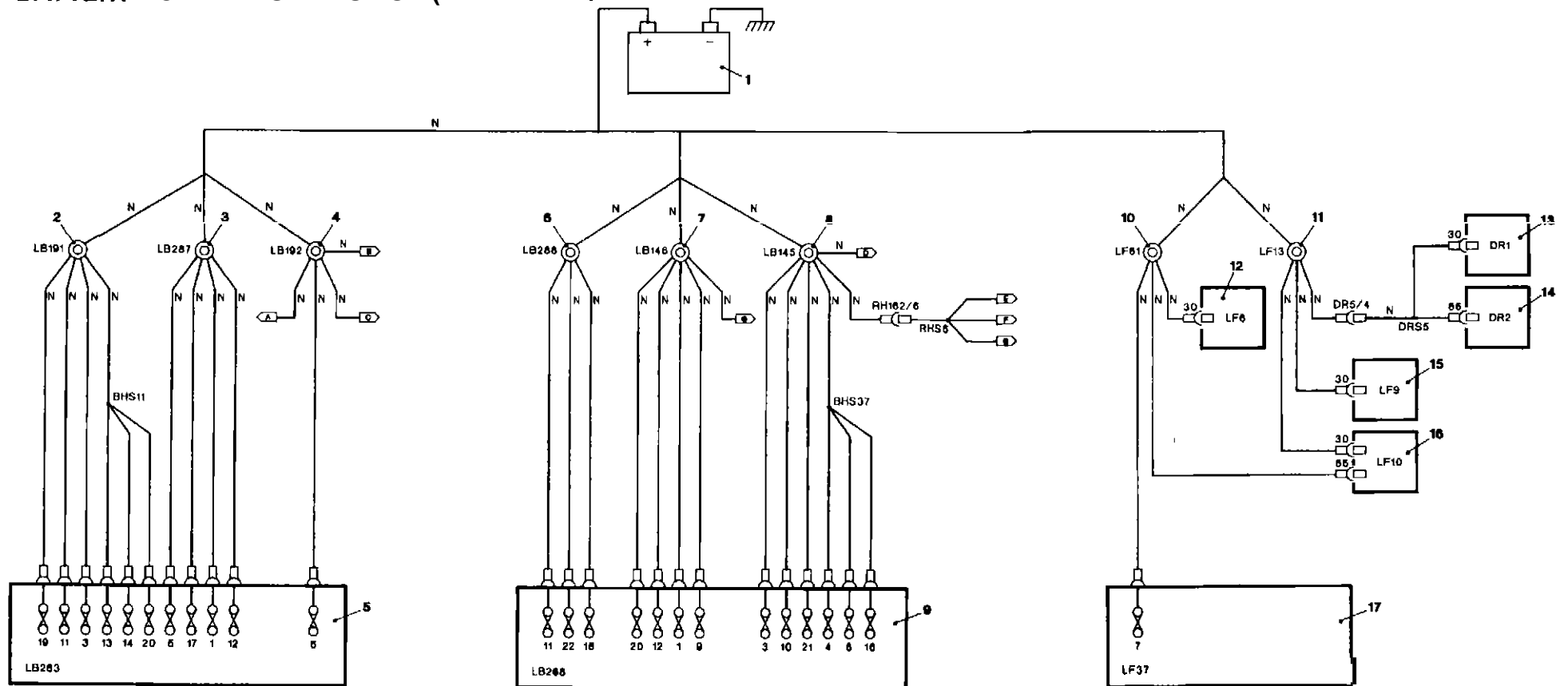


J8a 1210

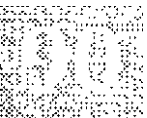
#### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | Supply from BHS-10                       |
| E | From window & mirror heating, via EHS-20 |
| C | From window & mirror heating, via BHS-20 |

# BATTERY POWER DISTRIBUTION (4 LITRE LHD)



J91-157





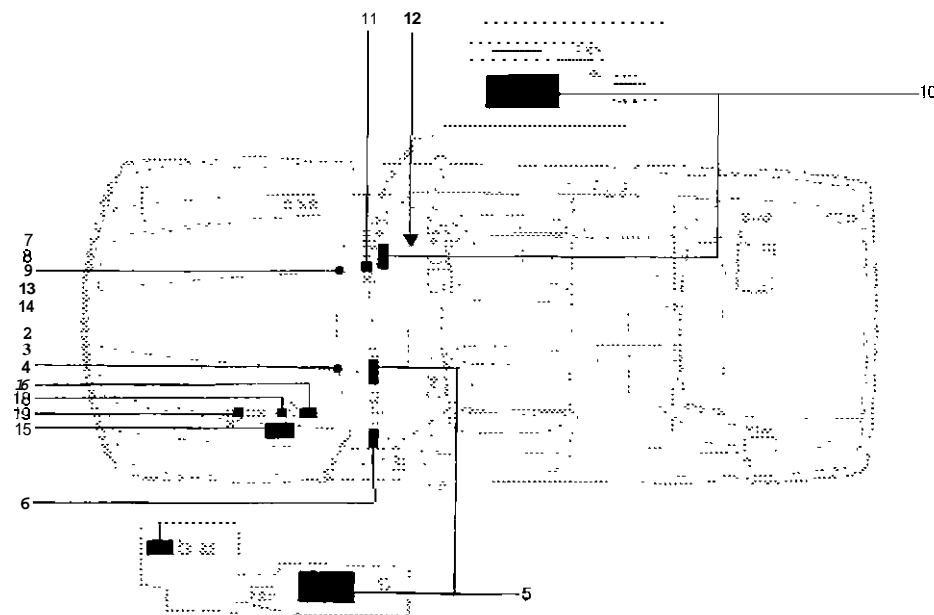
## CIRCUIT DIAGRAMS AND HARNESSSES



### BATTERY POWER DISTRIBUTION (4.0 LITRE RHD)

#### KEY TO CIRCUIT COMPONENTS

- |    |                              |
|----|------------------------------|
| 1  | Battery                      |
| 2  | Battery post RB146           |
| 3  | Battery post RB145           |
| 4  | Battery post RB282           |
| 5  | LH fusebox RB231             |
| 6  | Battery post RB191           |
| 7  | Battery post RB281           |
| 8  | Battery post RB192           |
| 9  | RH fusebox                   |
| 10 | Battery post LF8             |
| 11 | Battery post LF13            |
| 12 | Headlight control module LF6 |
| 13 | Forward fusebox LF37         |
| 14 | Headlights relay LF9         |
| 15 | Sidelights relay LF10        |

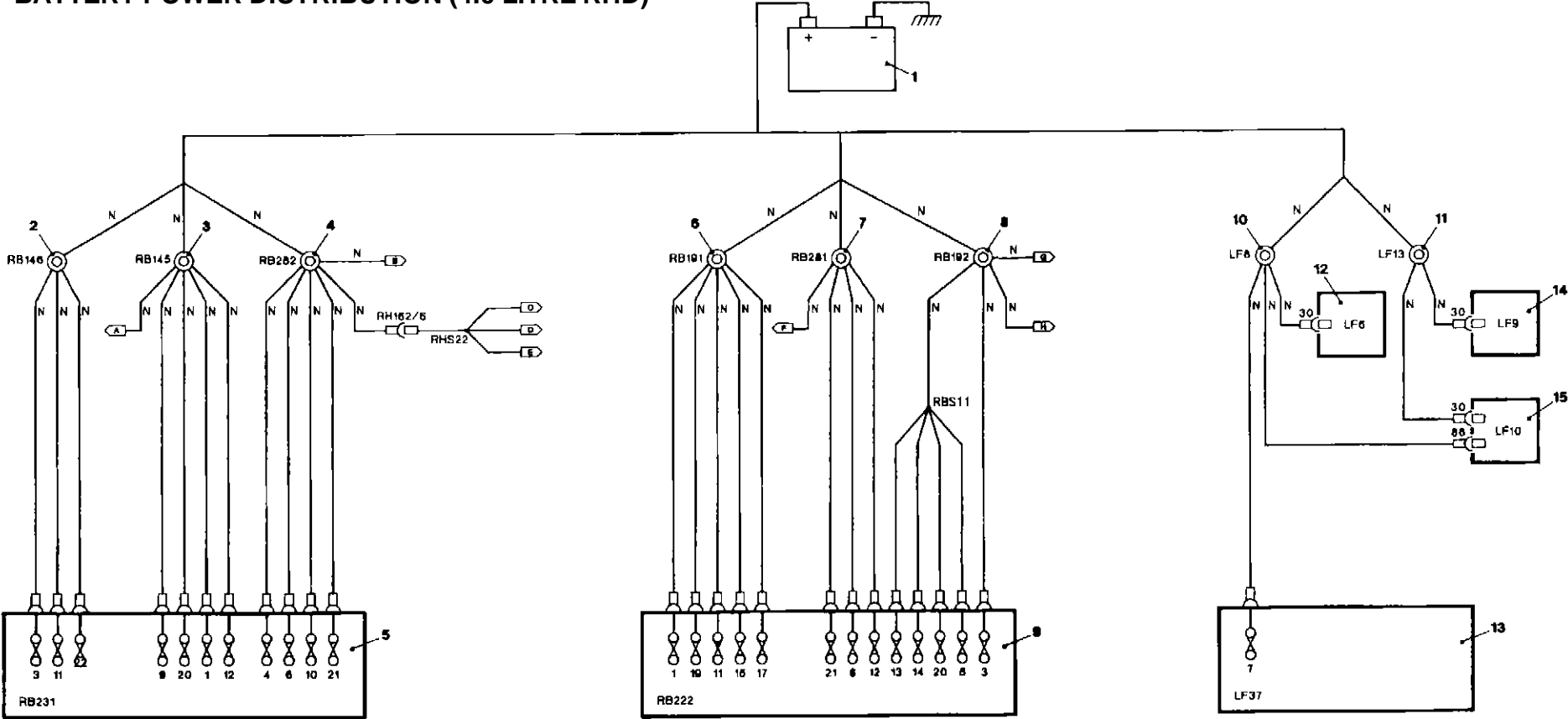


JMB 1140

#### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To seat heater relay                             |
| B | To auxiliary load controlled load relay RB139/30 |
| C | To radio aerial fuse 2R                          |
| D | To reversing lights fuse 3R                      |
| E | To security system ST2/7                         |
| F | To security system                               |
| G | To ignition switch RB202/1                       |
| H | To ignition load relay RB175/30                  |

BATTERY POWER DISTRIBUTION (4.0 LITRE RHD)



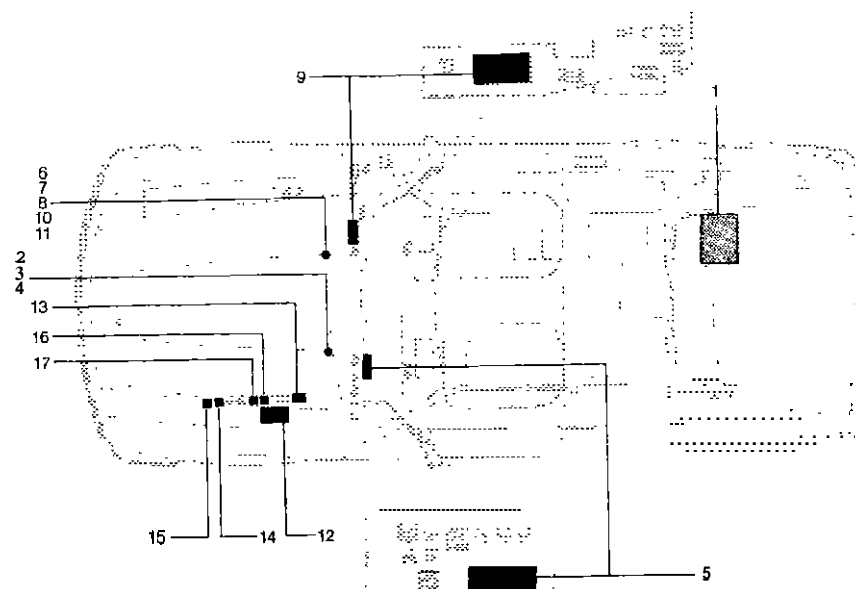
J01-186



## BATTERY POWER DISTRIBUTION (5.3 LITRE LHD)

### KEY TO CIRCUIT COMPONENTS

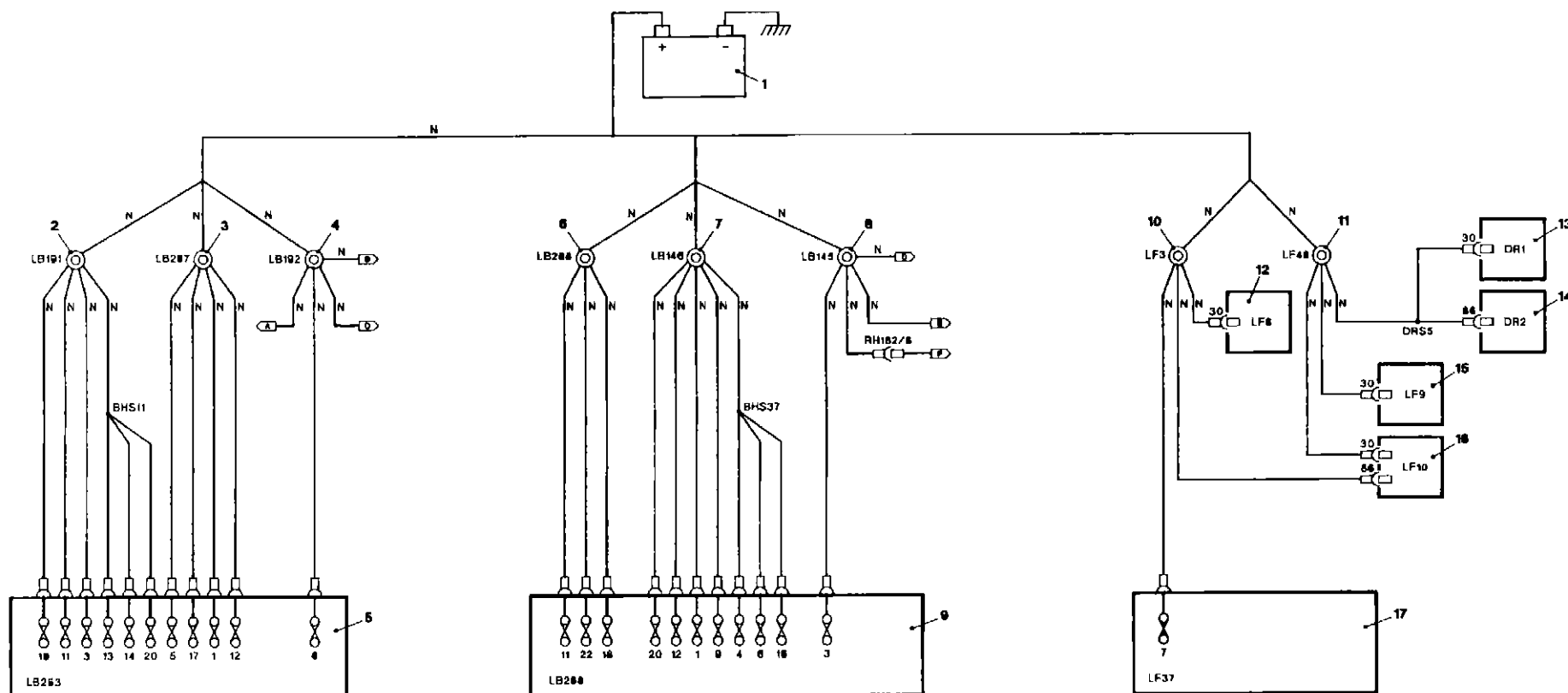
- |    |                                     |
|----|-------------------------------------|
| 1  | Battery                             |
| 2  | Battery post LB191                  |
| 3  | Battery post LB287                  |
| 4  | Battery post LB192                  |
| 5  | LH fusebox                          |
| 6  | Battery post LB288                  |
| 7  | Battery post LB146                  |
| a  | Battery post LB145                  |
| 9  | RH fusebox                          |
| 10 | Battery post LF3                    |
| 11 | Battery post LF46                   |
| 12 | Forward fusebox                     |
| 13 | Headlights control module LF66      |
| 14 | Daylight running lights relay (DR2) |
| 15 | Daylight running lights relay DR1   |
| 16 | Headlights relay LF9                |
| 17 | Sidelights relay LF10               |



### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To security system                       |
| B | To fuse 8 RH fusebox                     |
| C | To ignition switched loads               |
| D | To start inhibit relay - security system |
| E | To seat heater relay LB283/30            |
| F | To radio aerial fuse 2R                  |
| G | To seat heater relay LB283/86            |
| H | To auxiliary loads                       |

## BATTERY POWER DISTRIBUTION (5.3 LITRE LHD)



J91-210



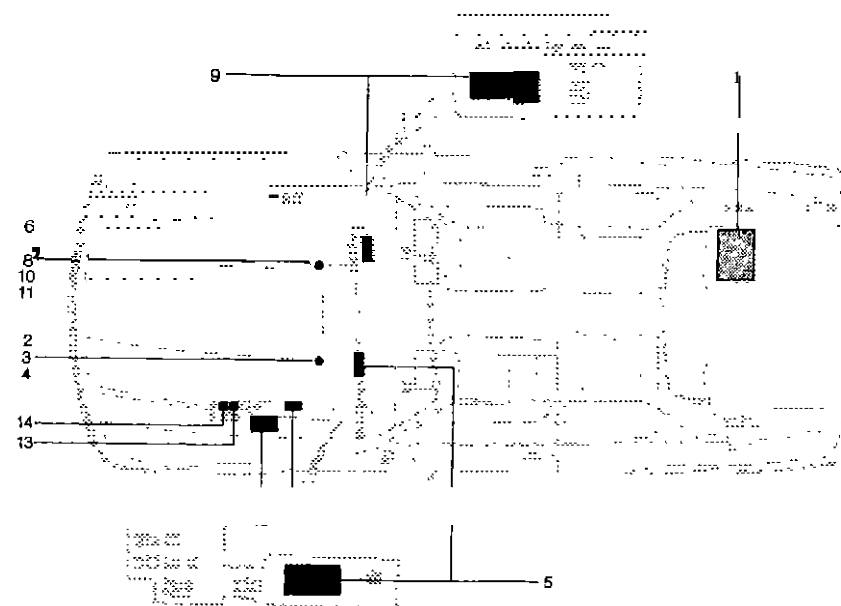




## BATTERY POWER DISTRIBUTION (5.3 LITRE RHD)

### KEY TO CIRCUIT COMPONENTS

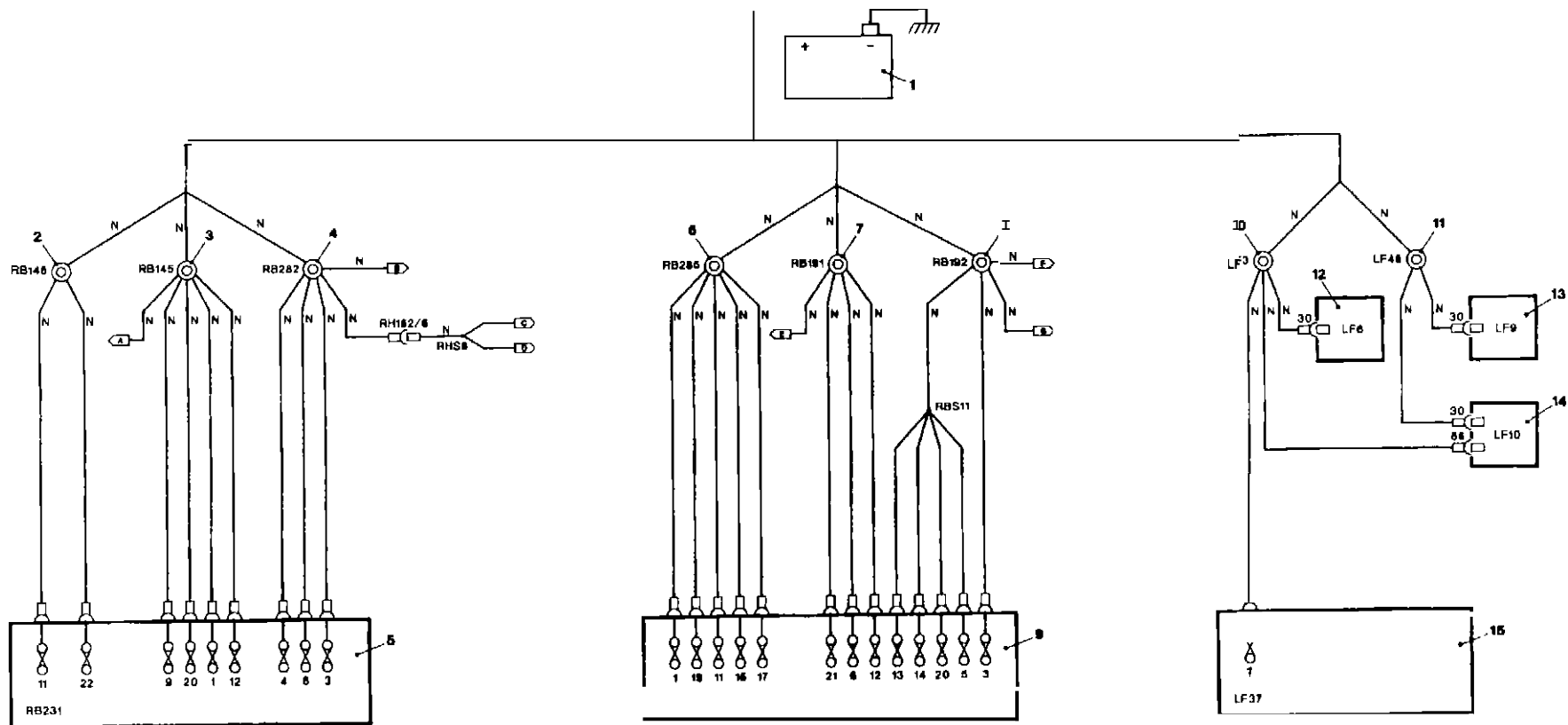
- |    |                              |
|----|------------------------------|
| 1  | Battery                      |
| 2  | Battery post RB146           |
| 3  | Battery post RB214           |
| 4  | Battery post RB282           |
| 5  | LH fusebox                   |
| 6  | Battery post RB285           |
| 7  | Battery post RB191           |
| 8  | Battery post RB192           |
| 9  | RH fusebox                   |
| 10 | Battery post LF8             |
| 11 | Battery post LF13            |
| 12 | Headlight control module LF6 |
| 13 | Headlights relay LF9         |
| 14 | Sidelights relay LF10        |
| 15 | Forward fusebox LF37         |



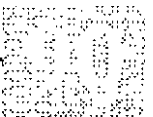
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To seat heater relay                                 |
| B | To auxiliary controlled load relay RB139/30B         |
| C | To security system ST27                              |
| D | To radio aerial fuse 2R                              |
| E | To headlights flasher relay SC2/30 (security system) |
| F | To ignition switch RB202/1                           |
| G | To ignition load relay RB175/30                      |

## BATTERY POWER DISTRIBUTION (5.3 LITRE RHD)



J01-211





## CIRCUIT DIAGRAMS AND HARNESSSES



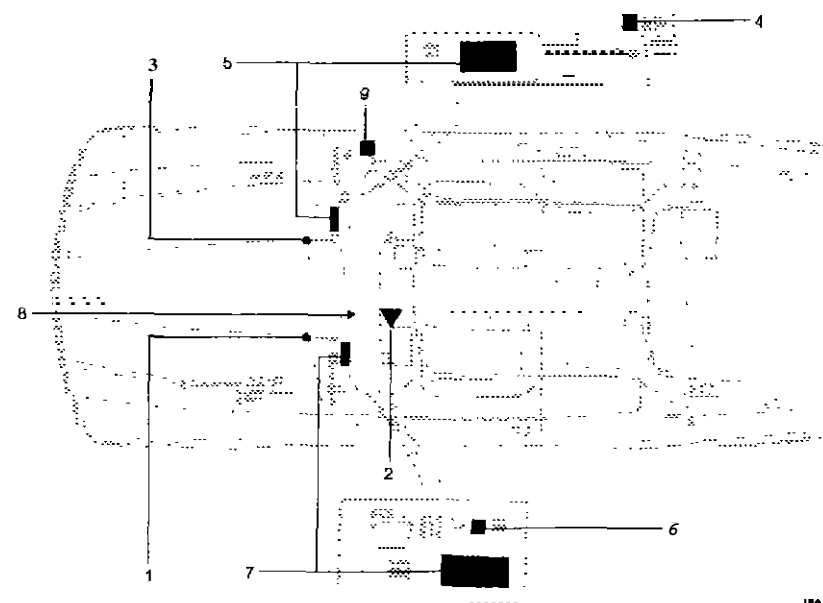
### IGNITION SWITCHED LOADS (4.0 LITRE LHD)

#### KEY TO CIRCUIT COMPONENTS

- |   |                                       |
|---|---------------------------------------|
| 1 | Battery post LB192                    |
| 2 | Ignition switch LB202                 |
| 3 | Battery post LB145                    |
| 4 | Auxiliary controlled load relay LB139 |
| 5 | RH fusebox                            |
| 6 | Ignition load relay LEI175            |
| 7 | LH fusebox                            |
| 8 | Resistor (100R 2.5W)                  |
| 9 | Inertia switch LB212                  |

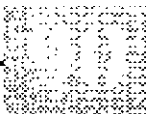
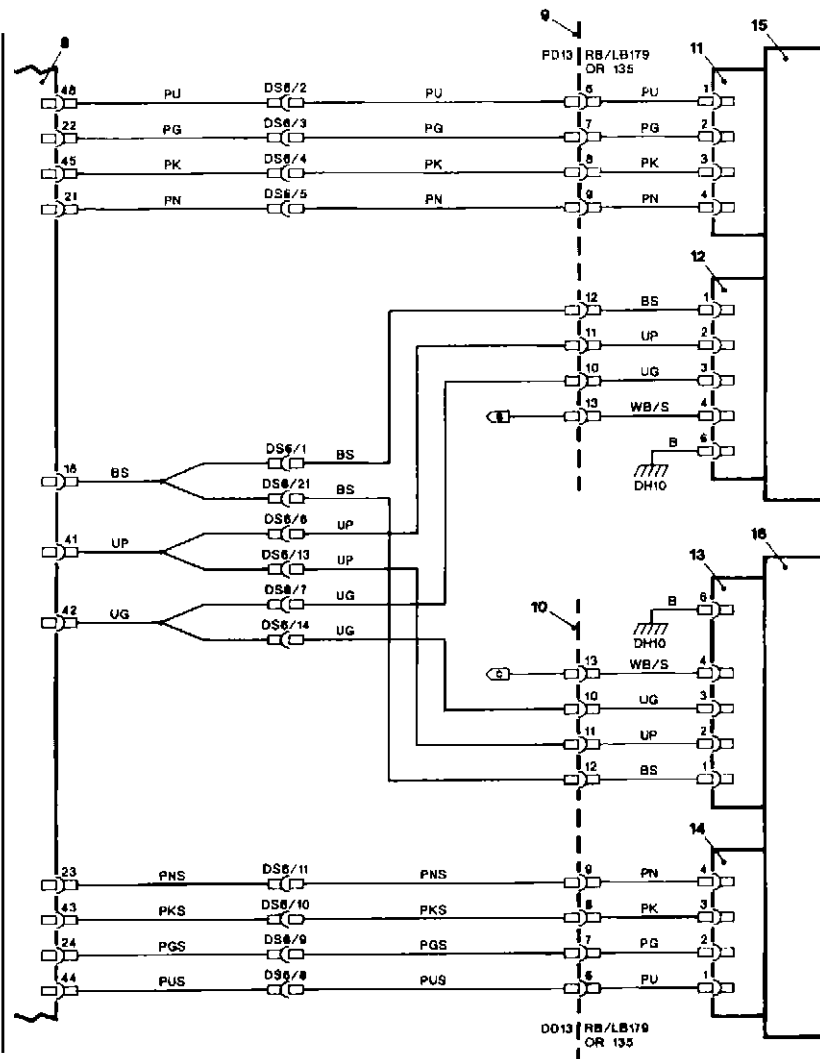
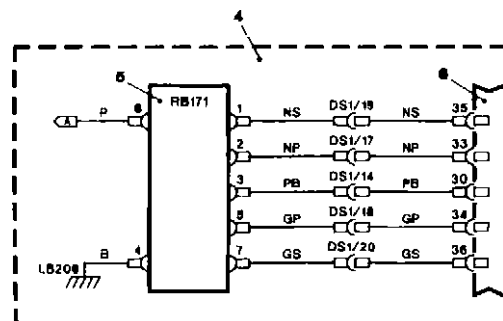
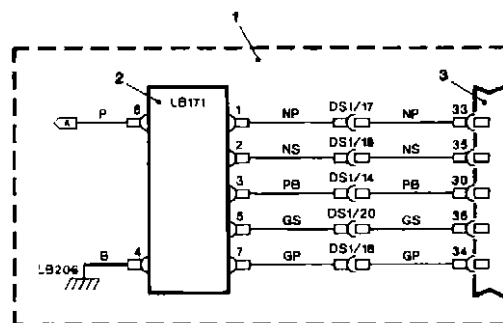
#### CONNECTIONS TO OTHER CIRCUITS

- |    |  |
|----|--|
| A  | To security system ECU ST2/2                 |
| B  | To sunroof harness LB157/4                   |
| C  | To ABS pump relay LB144/86                   |
| D  | To driver's door link harness DD1/1          |
| E  | To passenger door link harness PS2/1         |
| F  | To start inhibit relay SC3 – security system |
| G  | To bulb check unit LB174/4                   |
| H  | To ABS connector AB1/20                      |
| I  | To ABS harness AB18/5                        |
| J  | To dimmer module LB170/9                     |
| K  | To fuse 2 (LH fusebox)                       |
| L  | To window lift breaker                       |
| M  | To seat heater relay LB283/86                |
| N  | To seat belt logic unit LB130/6              |
| O  | To low coolant level sensor LB127/1          |
| P  | To air conditioning connector LB150/4        |
| Q  | To central door locking LB138/5              |
| R  | To speed warning XT7/6 (Saudi Arabia)        |
| S  | To instrument pack LB246/13                  |
| T  | To instrument pack LB247/12                  |
| U  | To alternator RF16                           |
| V  | To instrument pack LB247/13                  |
| W  | To instrument pack LB247/5                   |
| X  | To headlight relay LF9/87                    |
| Y  | To instrument pack LB247/13                  |
| Z  | To main PI relay LI95/86                     |
| AA | To lights on warning device LB2896/15        |
| AB | To gearbox warning relay LB280/30            |
| AC | To gearbox warning relay LB280/86            |



JBA 1205

# ELECTRIC POON MIRRORS





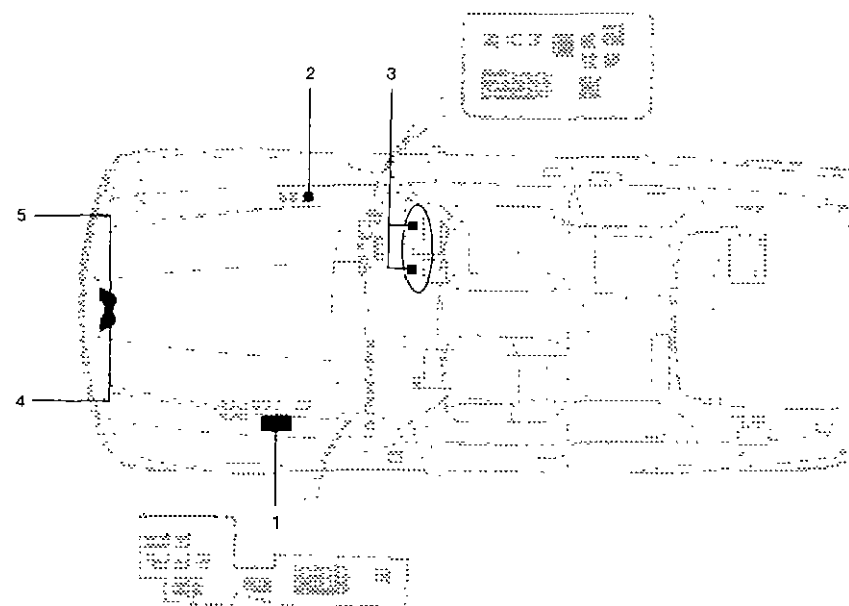
## HORNS

### KEY TO CIRCUIT COMPONENTS

- 1 Fuse 18 (R.H. fusebox)
- 2 Horn relay RF2
- 3 Horn switch LL16
- 4 LH. horn
- 5 RH. horn

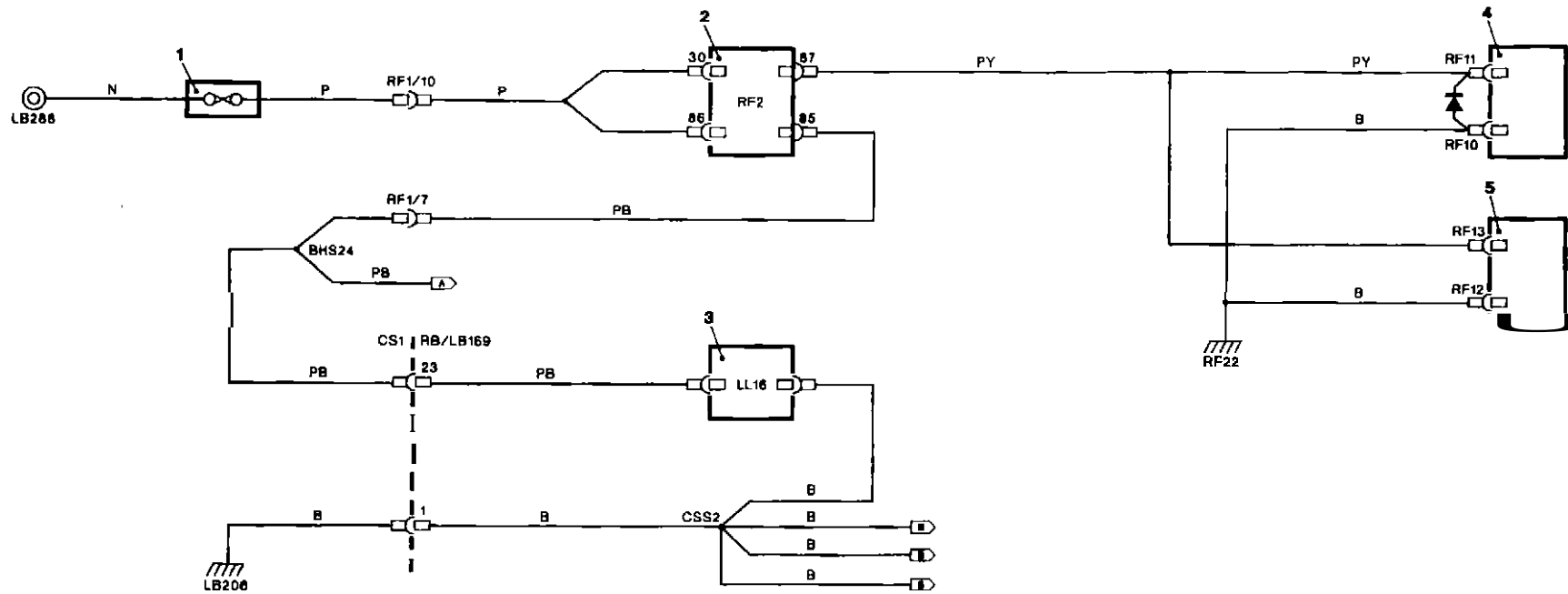
### CONNECTIONS TO OTHER CIRCUITS

- A to security system
- B to lighting circuits



J84 1100

## HORNS



J91 126





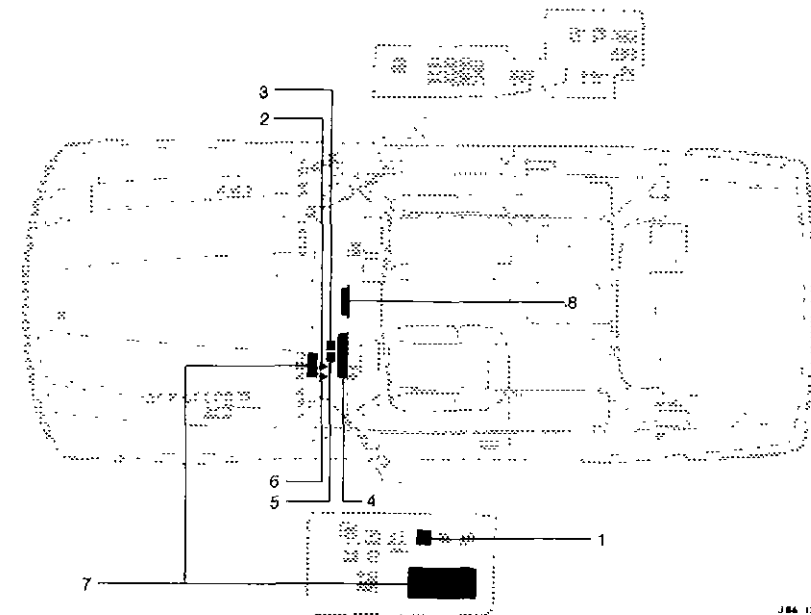
## INSTRUMENT PACK AND TRIP COMPUTER

### KEY TO CIRCUIT COMPONENTS

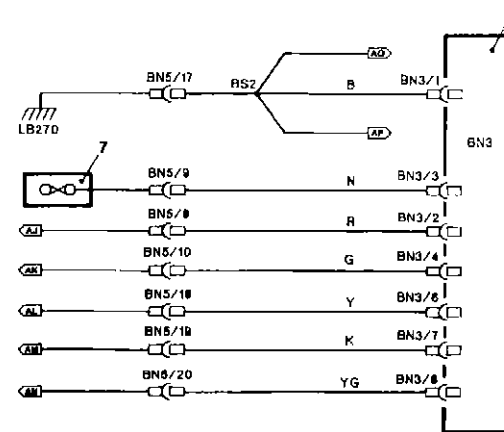
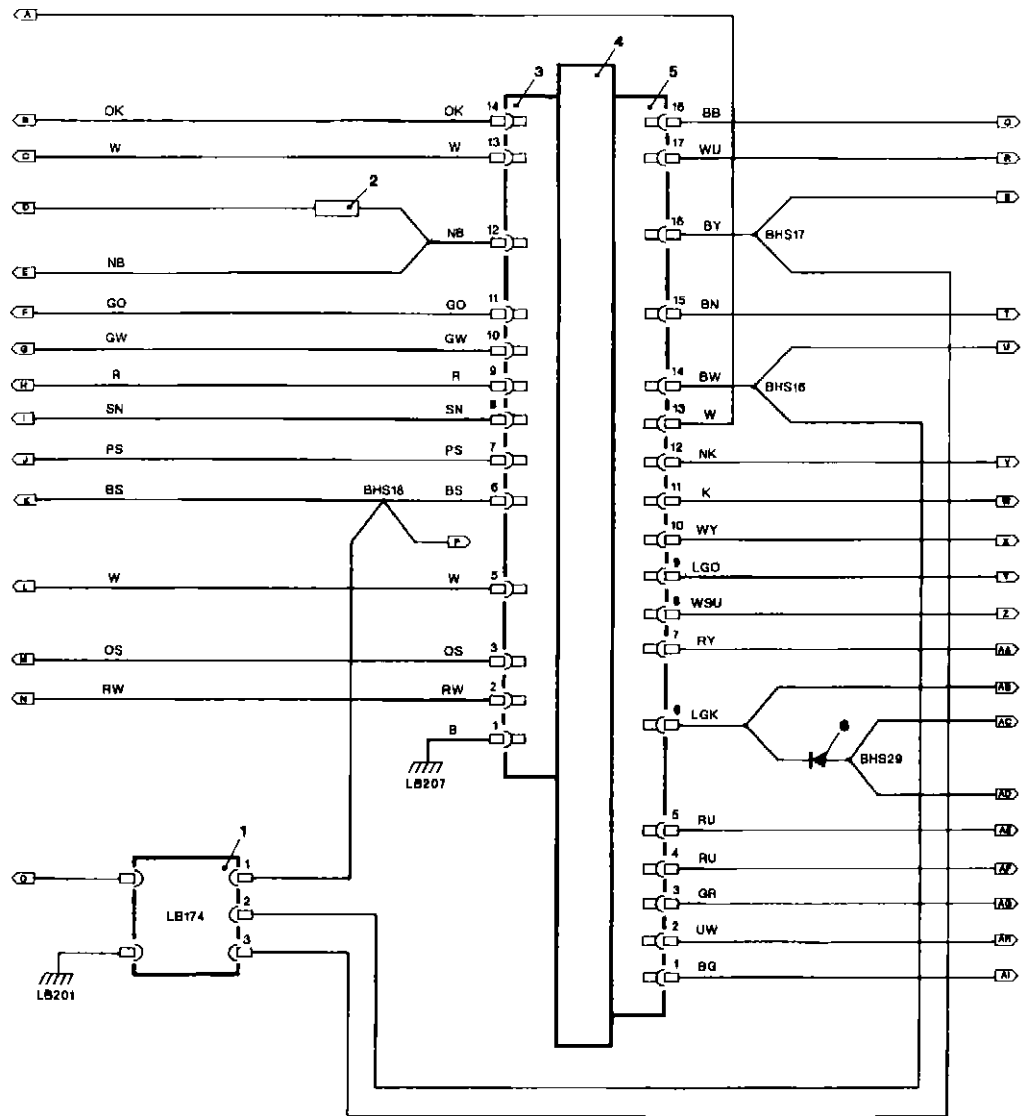
- 1 Bulb check unit LB174
- 2 Resistor R1
- 3 Connector LB247 to Instrument Pack
- 4 Instrument Pack
- 5 Connector LB246 to Instrument Pack
- 6 Diode D3
- 7 Fuse 13 (L.H. fusebox)
- 8 Trip computer BN3

### CONNECTIONS TO OTHER CIRCUITS

- A Ignition-switched supply, from BHS-19
- B Coolant temperature low, from LI135/5
- C Ignition-switched supply, from BHS-19
- D Ignition-switched supply, from BHS-19
- E Ignition warning lamp, from ENGINE MANAGEMENT via LI135/7
- F Seat belt warning, from seat belt logic unit via LB130
- G R.H.direction indicator, from BHS-8
- H Trailer turn, from flasher unit LB172/C2
- I Gearbox warning, from LB280/87A
- J Exhaust temperature warning (JAPAN only), via XT/2
- K Speed warning (not JAPAN), via LB21 1/2
- L Low **wash** fluid level warning, via LF1/10
- M Ignition-switched supply, from BHS-19
- N Oil pressure gauge, from ENGINE MANAGEMENT via LI135/3
- O Panel lights switched supply, from BHS-22
- P Bulb check, from IGNITION SWITCH via BHS-36
- Q Low wash fluid level warning, to wiper control module LB148/16
- R ABS failure warning, via AB18/4
- S Low coolant fluid warning, via LB127
- T Brake pad warning, from AB18/3 (see also ref. A)
- U Oil pressure gauge signal, from ENGINE MANAGEMENT via LI135/6
- V Parking brake on, via RH161/13
- W Low fuel warning, via RH161/11
- W Engine check, via BHS-45



INSTRUMENT PACK AND TRIP COMPUTER



J01-171



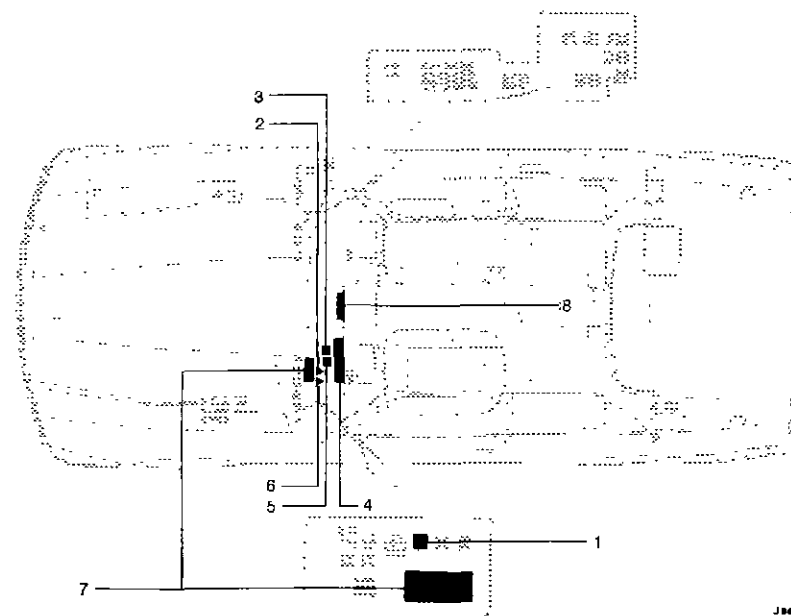




## INSTRUMENT PACK AND TRIP COMPUTER — Continued

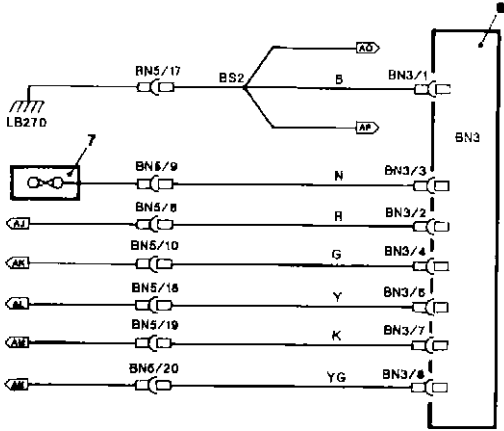
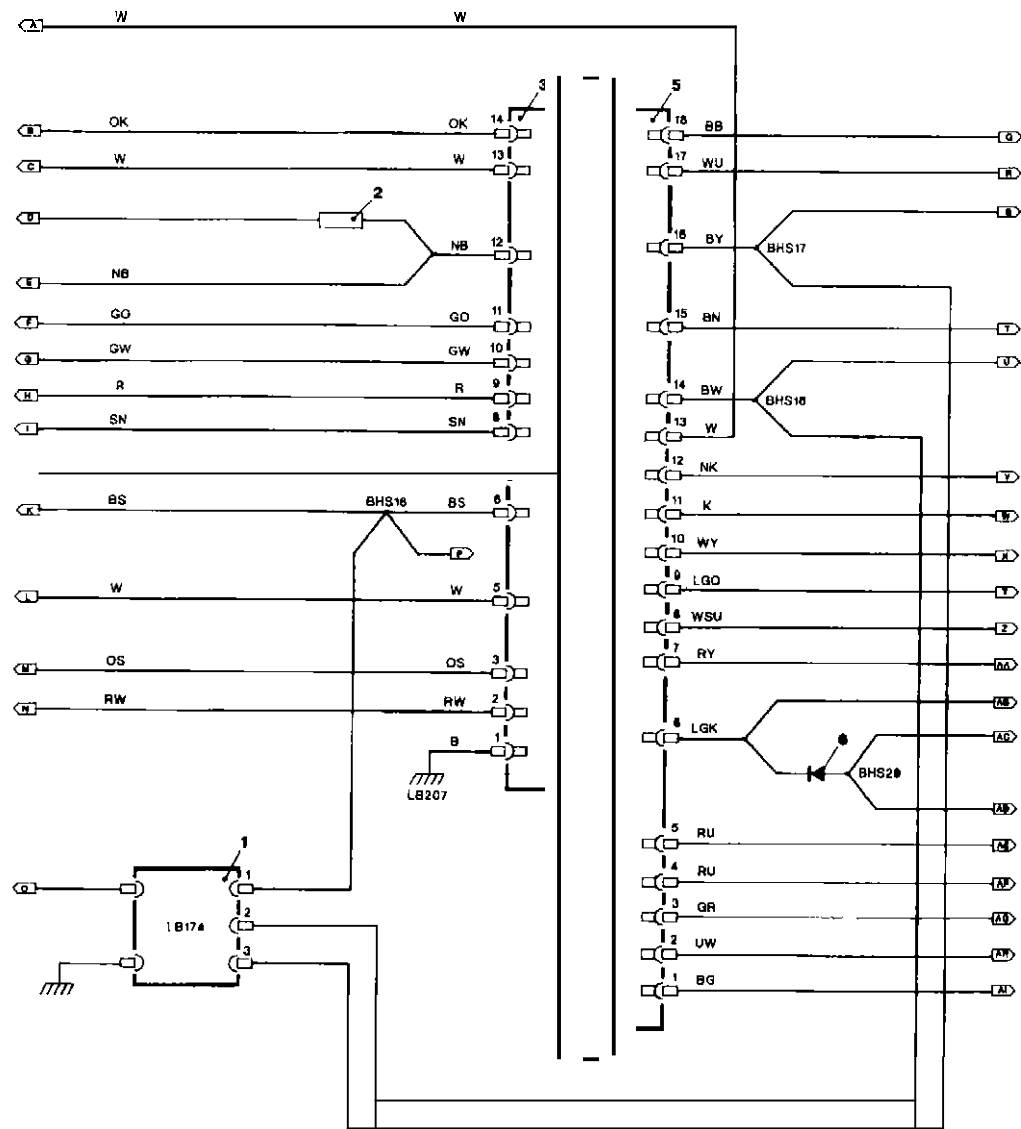
### CONNECTIONS TO OTHER CIRCUITS

X	Speedometer signal, via BHS-28
Y	Fuel gauge signal, via BHS-21
Z	Tachometer signal, via from ENGINE MANAGEMENT via LI134/5
AA	Front fog lamps on, from BHS-9
AB	Stop lamp bulb failure, via RH160/2
AC	Front lamp failure, via BHS-57
AD	Rear lamp failure, via RH160/3
AE	Sports mode, from ENGINE MANAGEMENT via GH9/10
AF	Rear fog lamps on, from BHS-15
AG	LH direction indicator, from BHS-3
AH	Main beam on, via LF1/16
AI	ABS fault, from AB18/7 (operates brake pad warning)
AJ	Instrument lighting supply
AK	Ignition-switched supply, from BHS-38
AL	Distance from transducer unit, via RH160/4
AM	Engine check, via LI134/3 and BHS-45
AN	Fuel information from ENGINE MANAGEMENT, via LI134/2
AO	Supply to Interior/map lights
AP	Supply to heated rear window



J36 1209

INSTRUMENT PACK AND TRIP COMPUTER — Continued

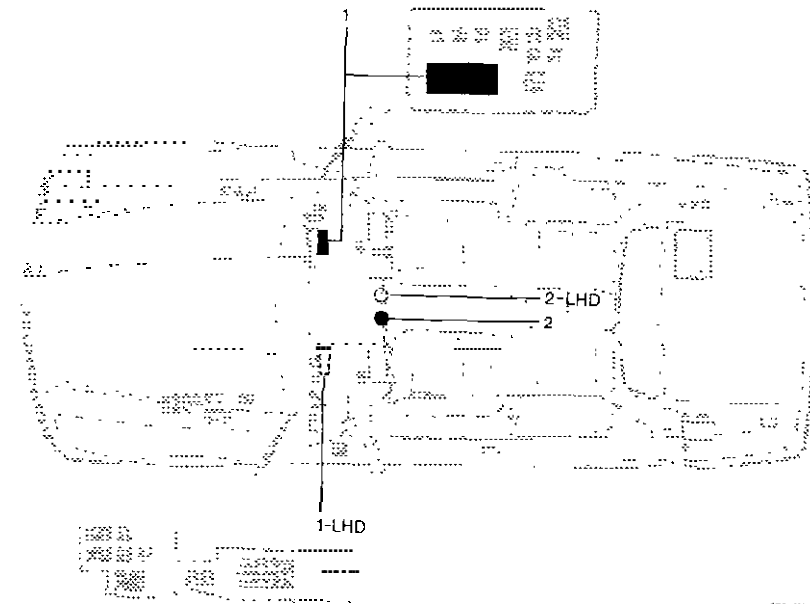




## CIGAR LIGHTER

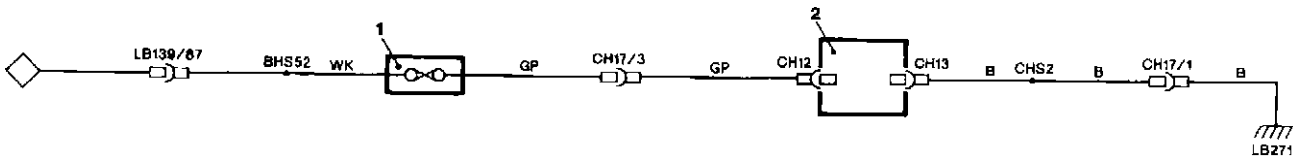
## KEY TO CIRCUIT COMPONENTS

- 1 Fuse 7 (RH fusebox-LHD/LH fusebox RHD)  
2 Cigar lighter

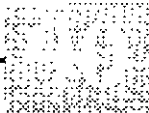


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CIGAR LIGHTER



JB1-105

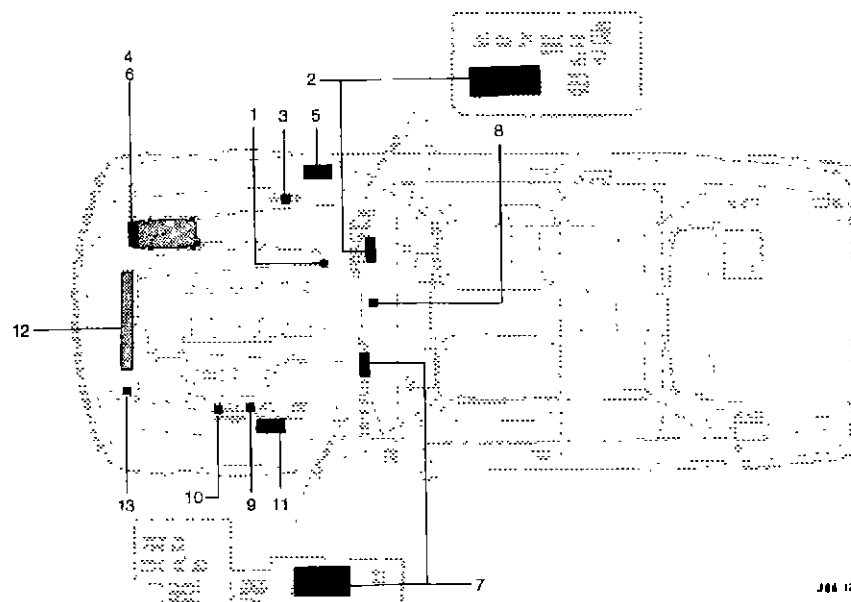




## AIR CONDITIONING SYSTEM

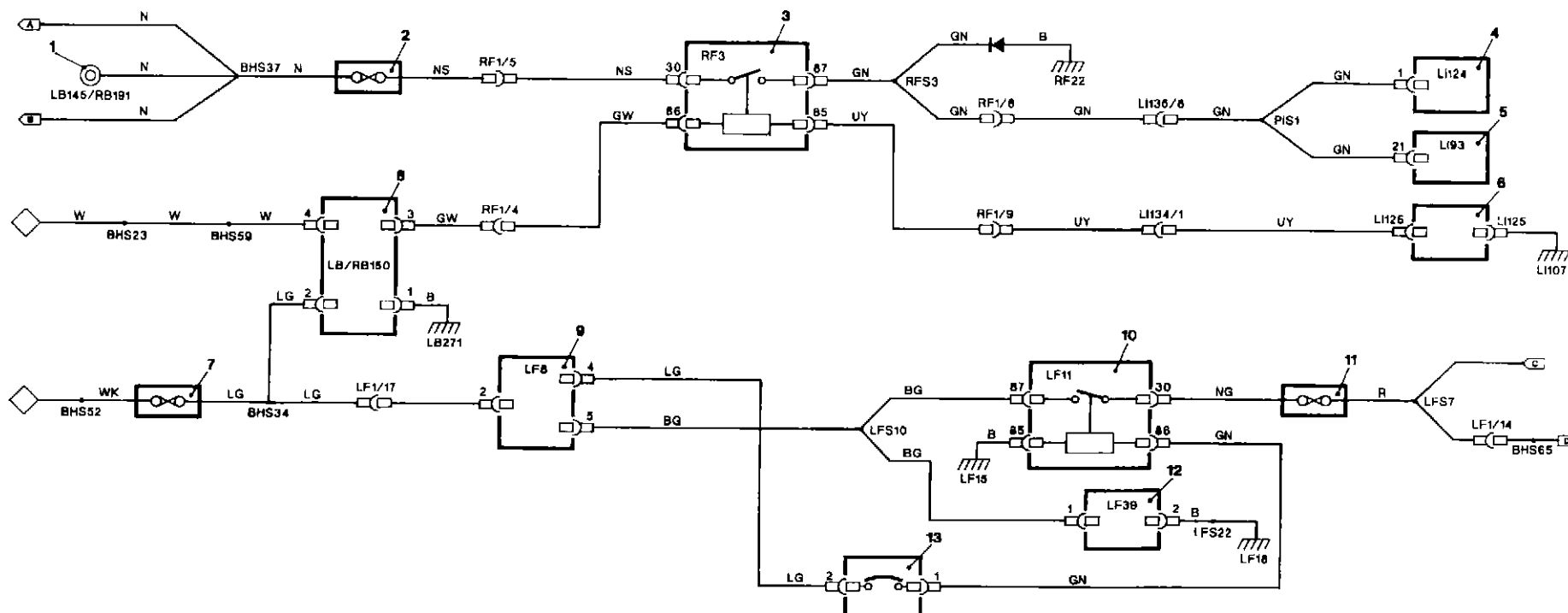
### KEY TO CIRCUIT COMPONENTS

- |    |   |
|----|---|
| 1  | Battery post LB145 (LH drive)<br>RB191 (RH drive)             |
| 2  | Fuse 16 (RH fusebox LH drive/<br>fuse 13 RH fusebox RH drive) |
| 3  | Air conditioning relay RF3                                    |
| 4  | Air conditioning compressor clutch LI124                      |
| 5  | Low power board (engine management system)                    |
| 6  | Air conditioning cut out                                      |
| 7  | Fuse 15 (RH fusebox LH drive/<br>LH fusebox RH drive)         |
| 8  | Bulkhead connector LB/RB150                                   |
| 9  | Fan run on diode unit LF8                                     |
| 10 | Radiator fan relay LF11                                       |
| 11 | Fuse 7 (forward fusebox)                                      |
| 12 | Radiator cooling fan LF39                                     |
| 13 | Radiator cooling fan thermal switch LF40                      |



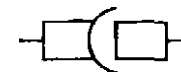
J66 1226

## AIR CONDITIONING SYSTEM



J91-192

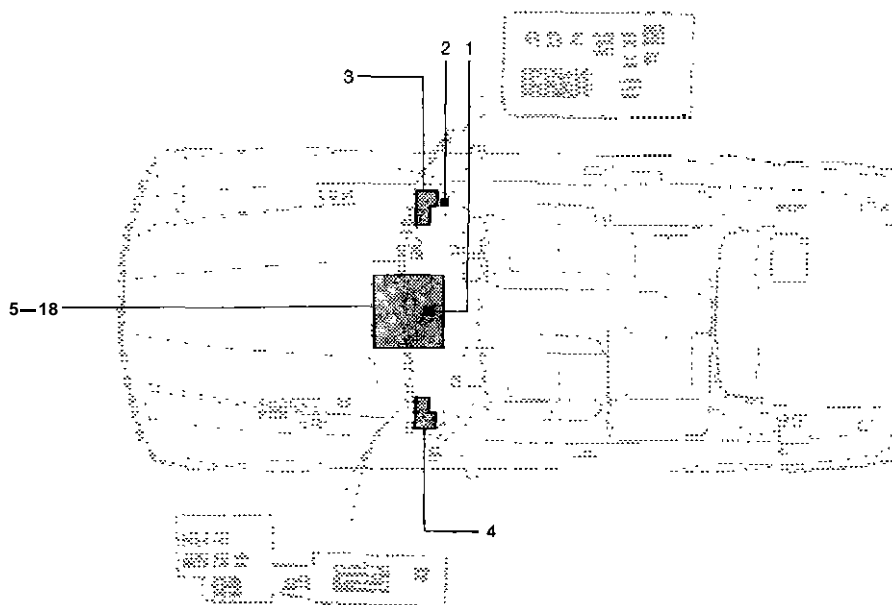




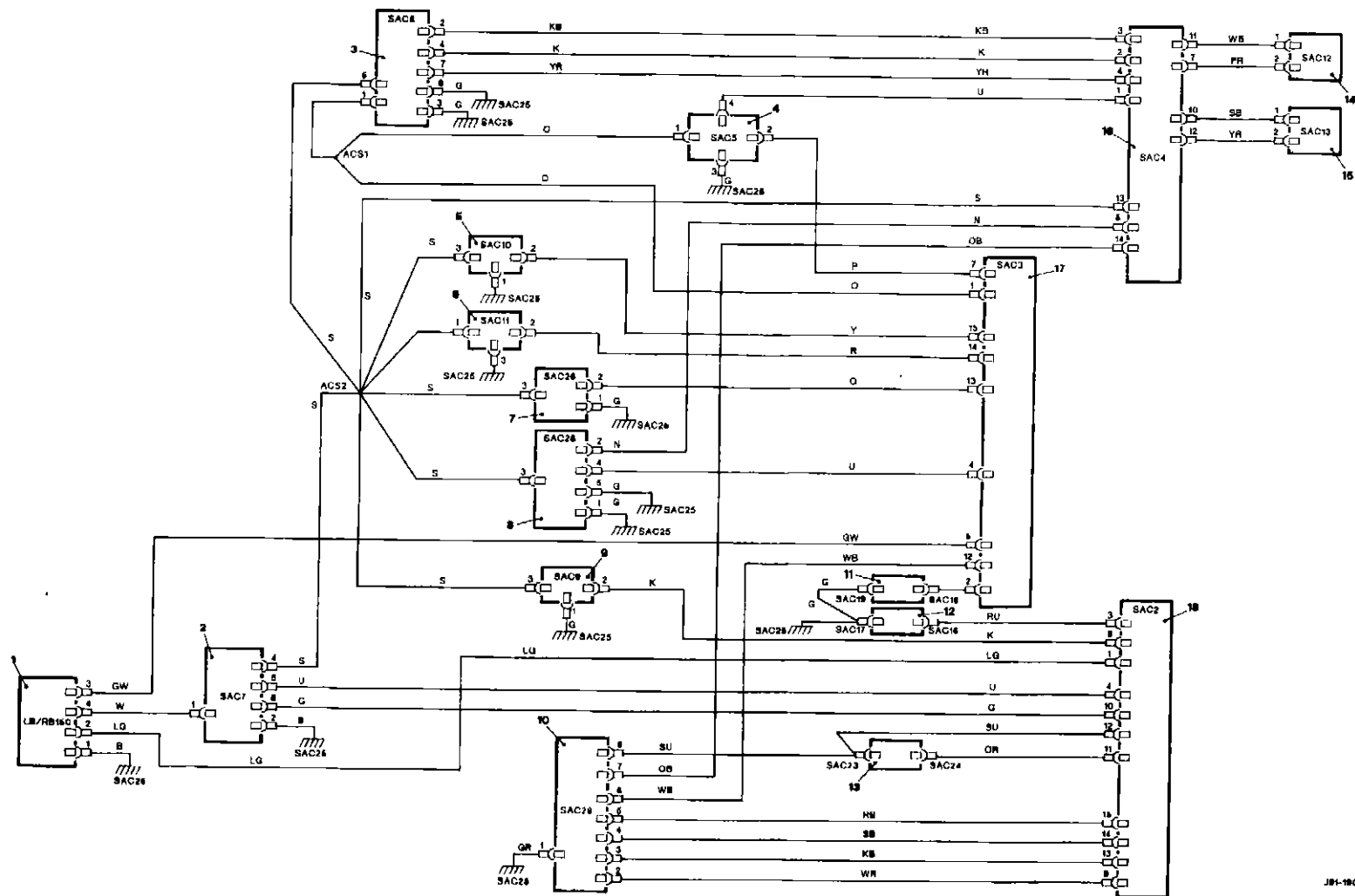
## AIR CONDITIONING UNIT

### KEY TO CIRCUIT COMPONENTS

- 1 Bulkhead connector LB/RB150
- 2 In car sensor SAC7
- 3 RH blower motor and ambient temperature sensor SAC6
- 4 LH blower motor SAC5
- 5 Upper feedback potentiometer SAC10
- 6 Lower feedback potentiometer SAC11
- 7 Differential SAC26
- 8 Temperature demand SAC28
- 9 Evaporator temperature sensor SAC9
- 10 Mode switch SAC29
- 11 Water valve SAC18/19
- 12 Recirculation solenoid SAC16/17
- 13 Defrost solenoid SAC23/24
- 14 Lower servo SAC12
- 15 Upper servo SAC13
- 16 Microprocessor 'E' (SAC4)
- 17 Microprocessor 'D' (SAC3)
- 18 Microprocessor 'C' (SAC2)



## AIR CONDITIONING UNIT



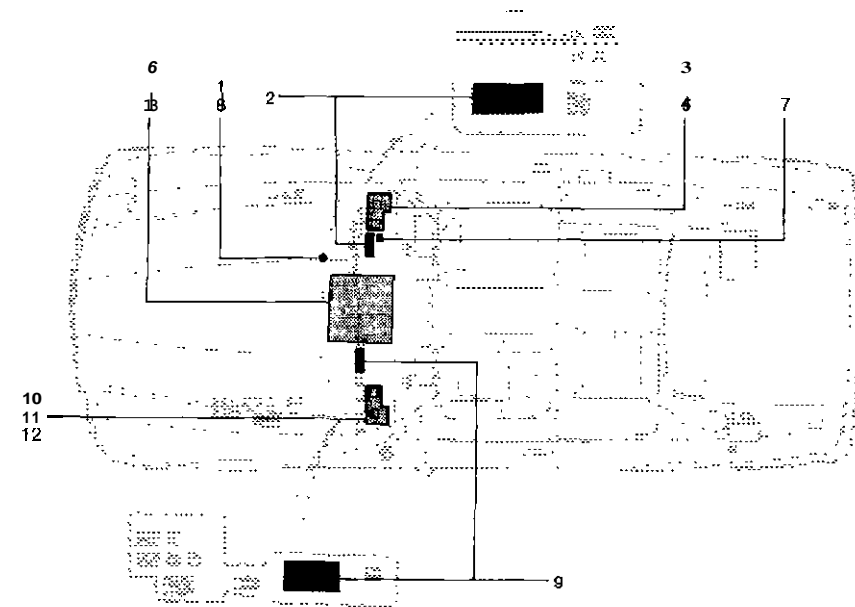




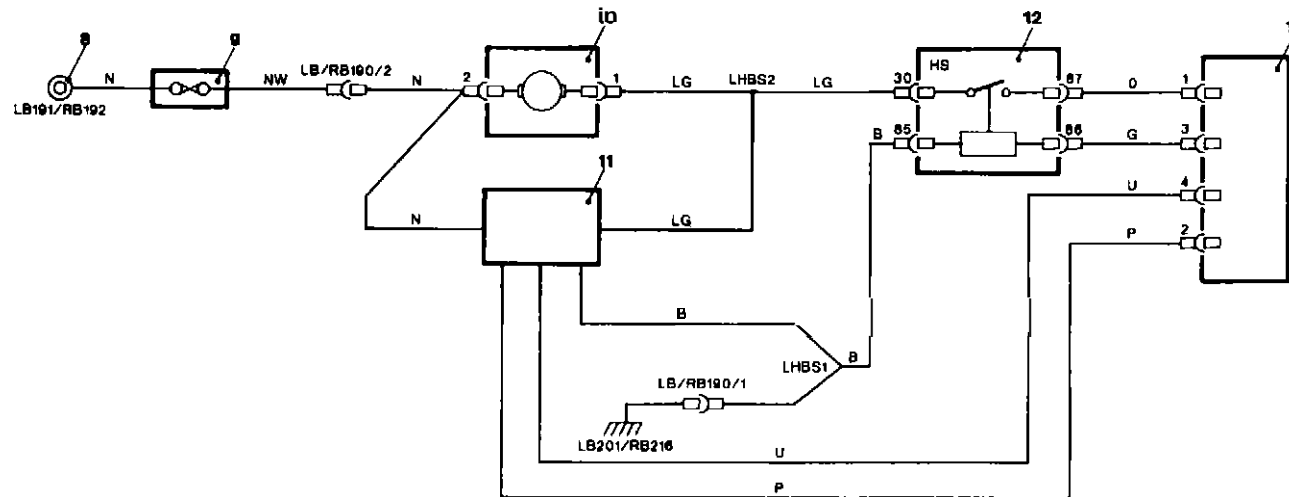
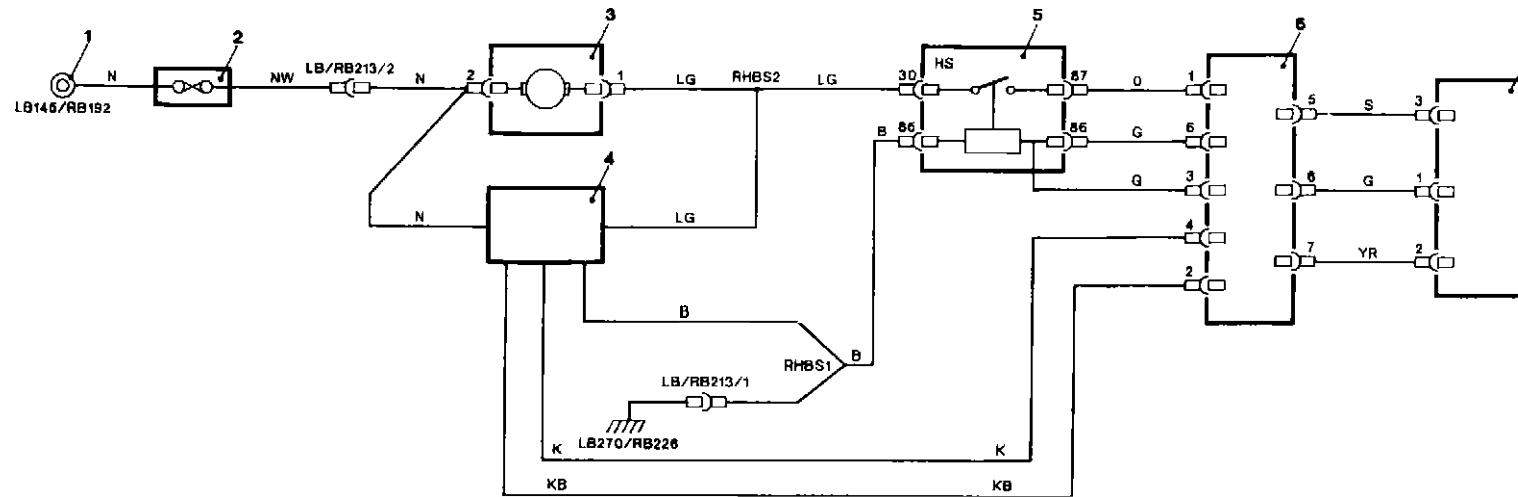
## AIR CONDITIONING BLOWER MOTORS

### KEY TO CIRCUIT COMPONENTS

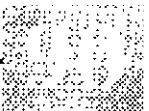
- 1 Battery post LB145 (LH drive),  
RB192 (RH drive)
- 2 Fuse 3 (RH fusebox)
- 3 RH blower motor
- 4 Heat sink
- 5 HS relay
- 6 Air conditioning unit connector SAC6
- 7 Ambient sensor
- 8 Battery post LB191 (LH drive),  
RB192 (RH drive)
- 9 Fuse 3 (LH fusebox)
- 10 LH blower motor
- 11 Heat sink
- 12 Air conditioning unit connector SAC5



## AIR CONDITIONING BLOWER MOTORS



J91-191

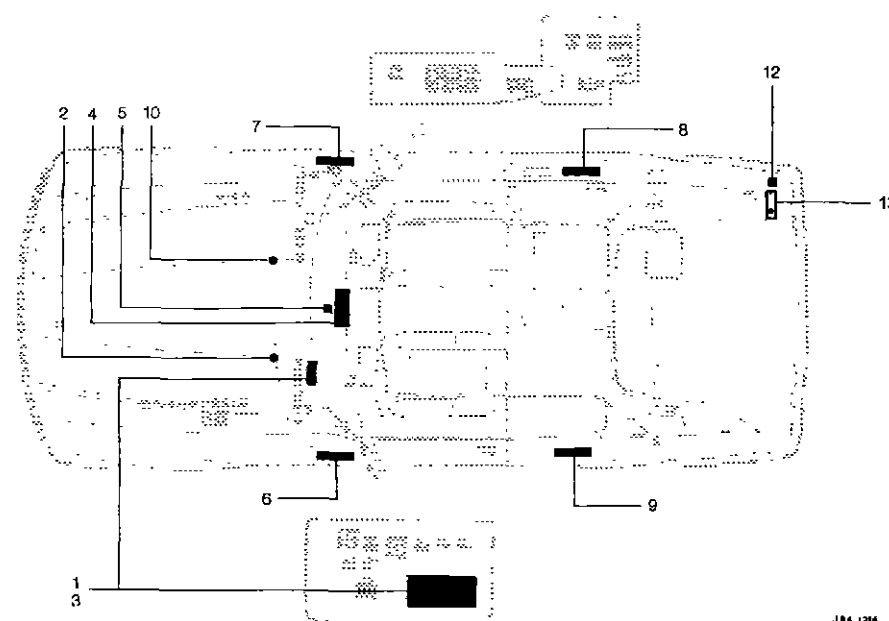




## RADIO AND AERIAL

### KEY TO CIRCUIT COMPONENTS

- |    |  |
|----|--|
| 1  | Fuse 7 LH fusebox (LH drive)/<br>RH fusebox (RH drive) |
| 2  | Battery post LB192                                     |
| 3  | Fuse 6 LH fusebox (LH drive)/<br>RH fusebox (RH drive) |
| 4  | Radio  |
| 5  | Radio connector LB160                                  |
| 6  | Driver's door speaker                                  |
| 7  | Passenger's door speaker                               |
| 8  | RH rear speaker  |
| 9  | LH rear speaker  |
| 10 | Battery post LE145                                     |
| 11 | In-line fuse 2R  |
| 12 | Radio aerial delay relay RH143                         |
| 13 | Aerial motor   |
| 14 | CD player connector (at radio)                         |
| 15 | CD auto changer RH170                                  |

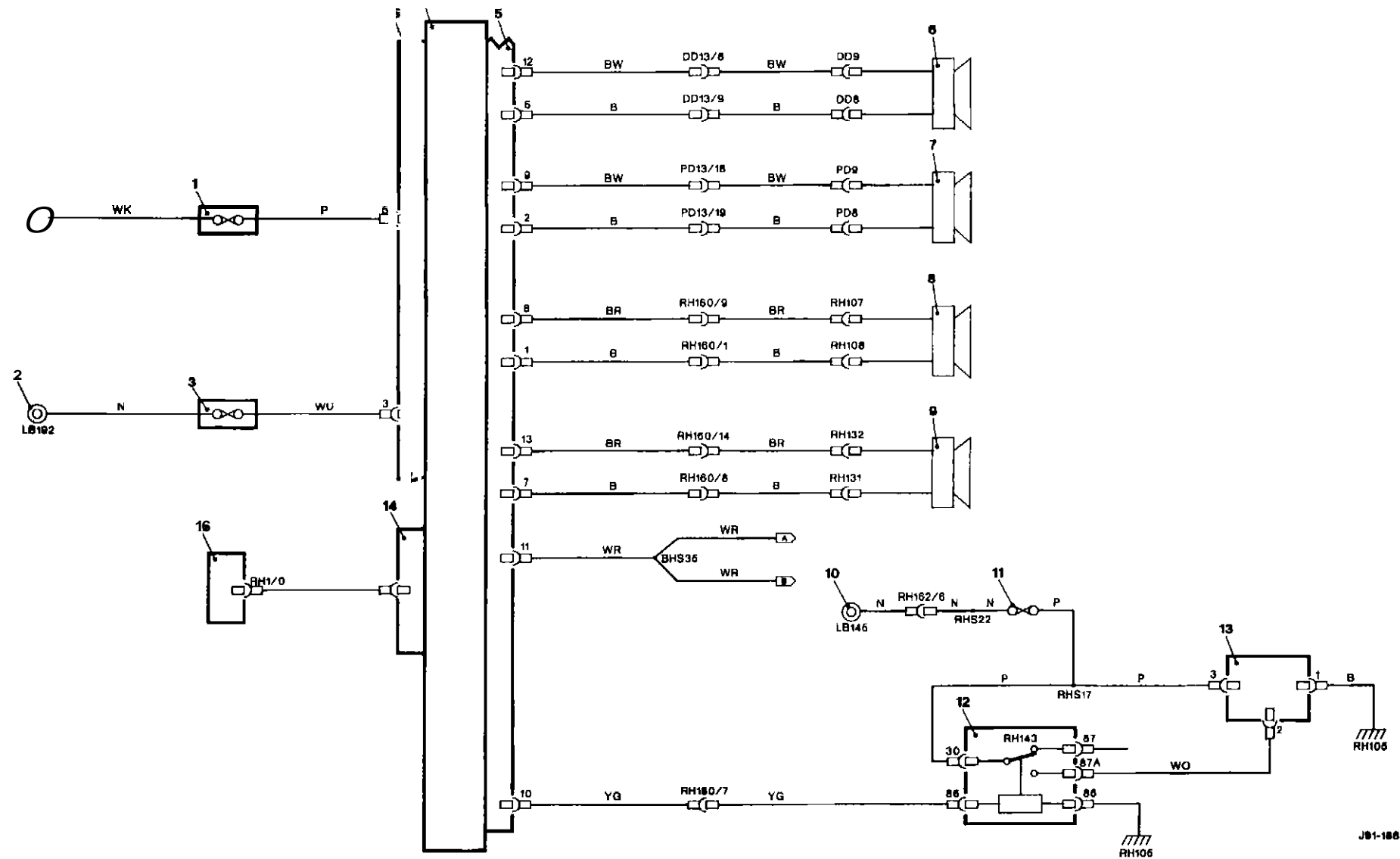


JAG 1216

### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | To fog light shorting plug LB189/5     |
| B | To illumination control module LB170/6 |

RADIO AND AERIAL

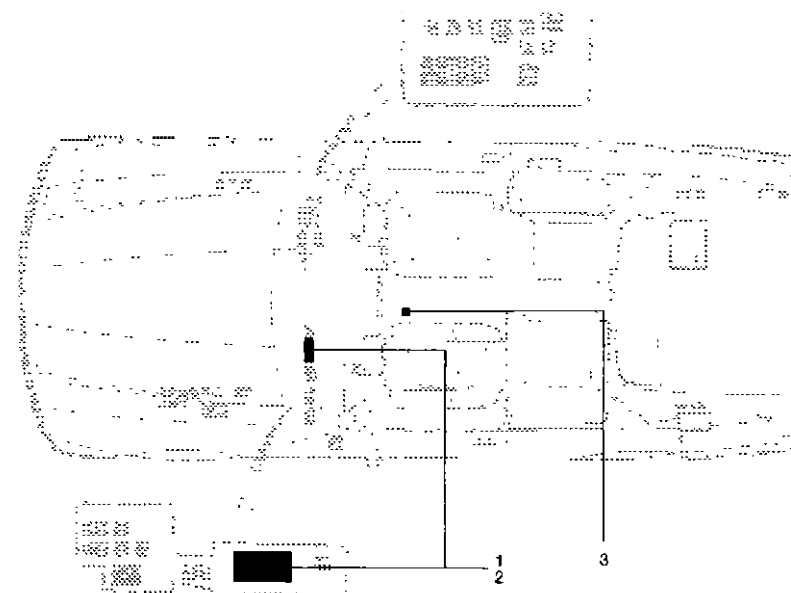




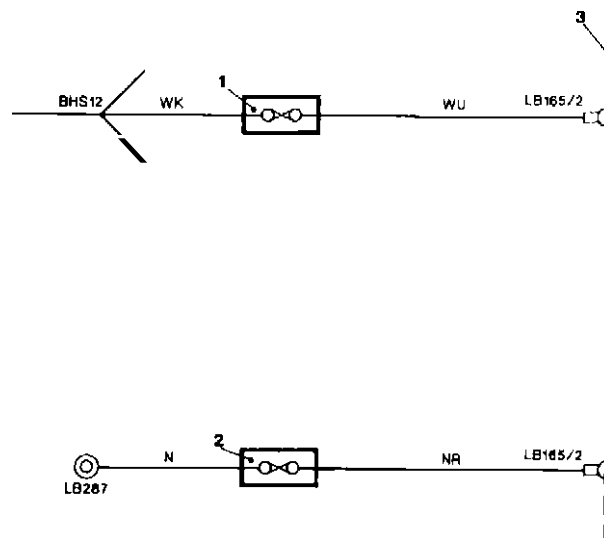
## RADIO TELEPHONE

### KEY TO CIRCUIT COMPONENTS

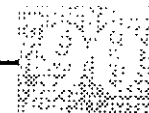
- 1 Fuse 4 (L.H. fusebox)
- 2 Fuse 5 (L.H. fusebox)
- 3 Connector LB165 for radio telephone



# RADIO TELEPHONE



J91-194

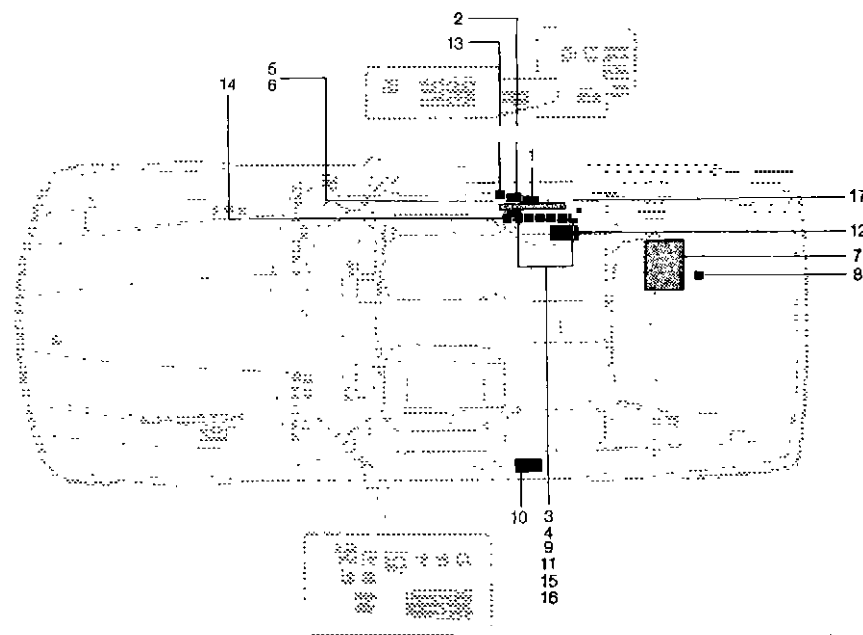




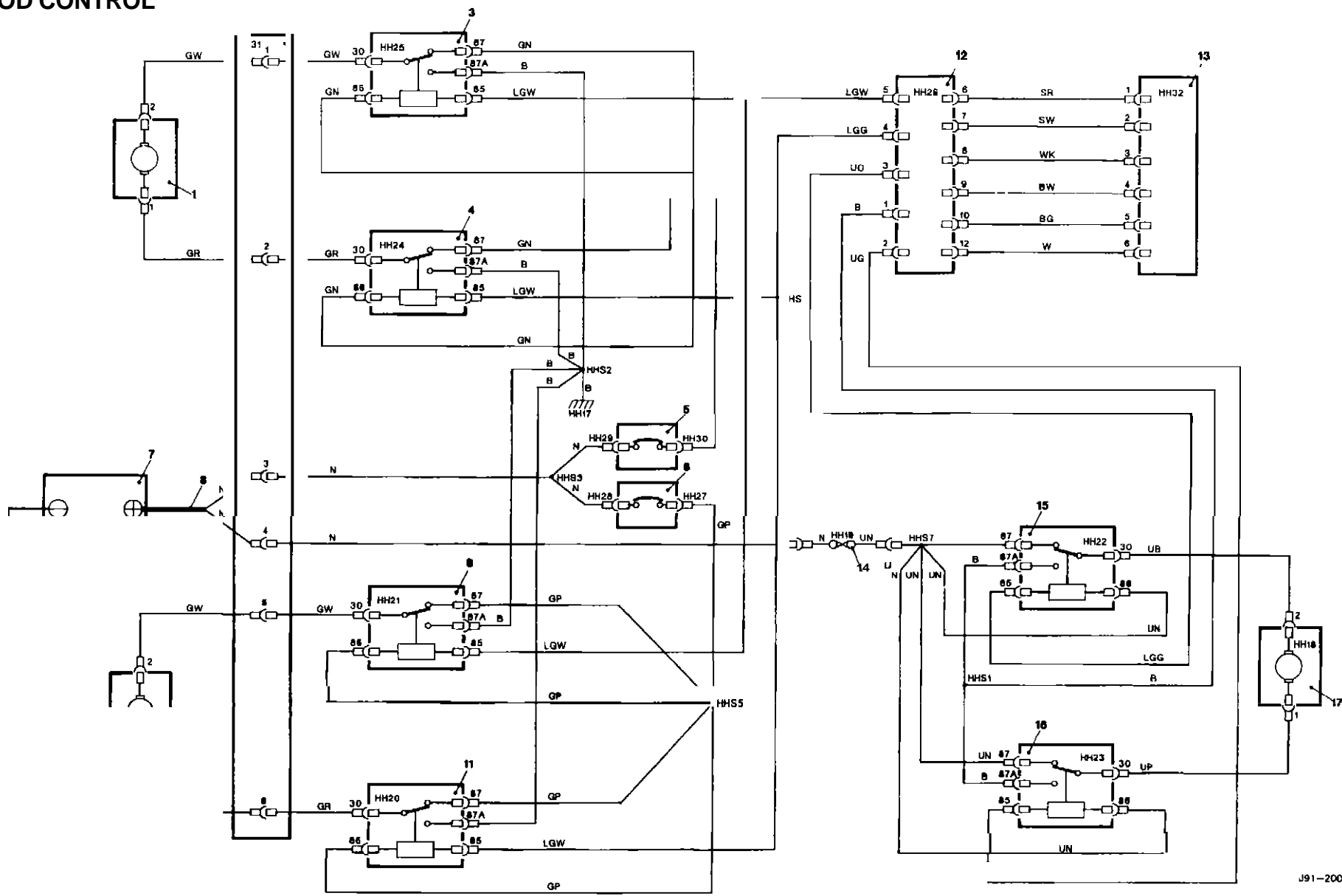
## HOOD CONTROL

### KEY TO CIRCUIT COMPONENTS

- 1 RH quarter motor RH145
- 2 Rearward harness connector HH31
- 3 RH quarter 'UP' relay HH25
- 4 RH quarter 'DOWN' relay HH24
- 5 RH thermal trip
- 6 LH thermal trip
- 7 Battery
- 8 Battery spur
- 9 LH quarter 'UP' relay HH21
- 10 LH quarter motor RH147
- 11 LH quarter 'DOWN' relay HH20
- 12 Hood control module HH26
- 13 Rear harness connector HH32
- 14 Fuse HH19 (in-line)
- 15 Hood 'DOWN' relay HH22
- 16 Hood 'UP' relay HH23
- 17 Hood motor HH18



HOOD CONTROL



J91-200

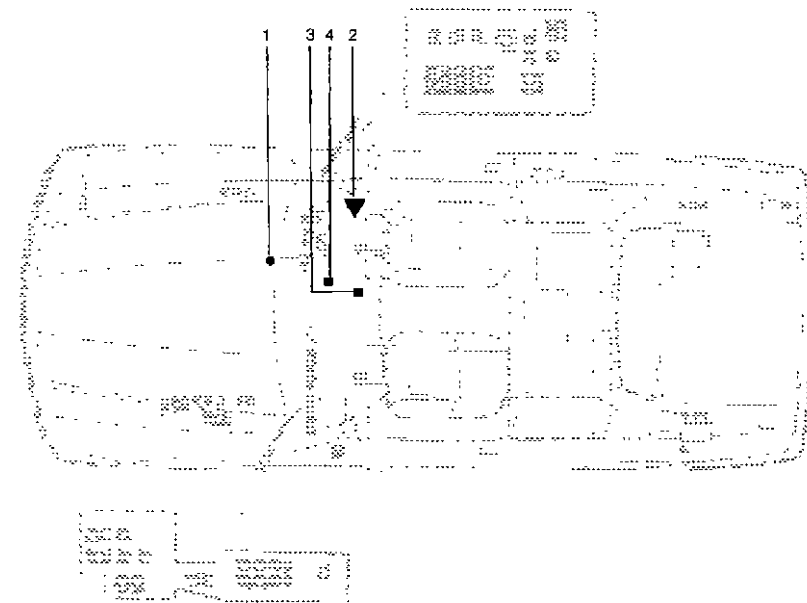




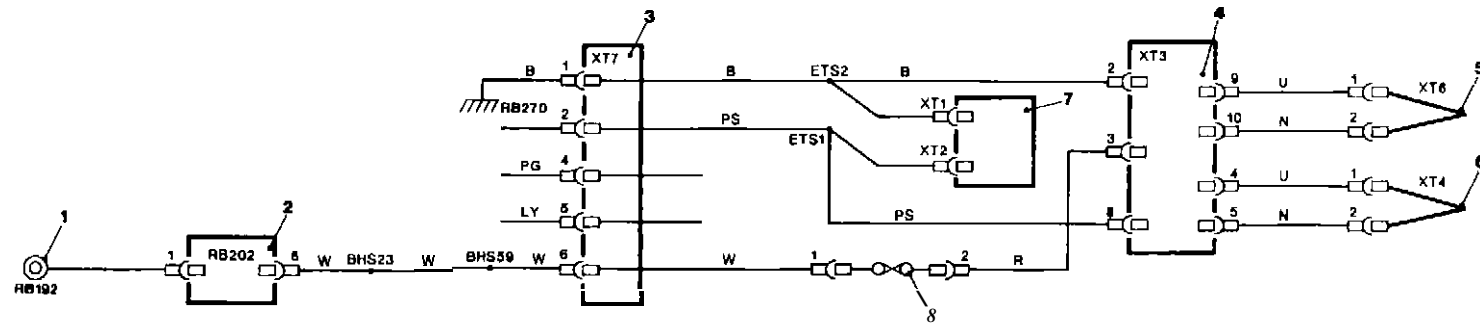
## EXHAUST TEMPERATURE WARNING (JAPAN)

### KEY TO CIRCUIT COMPONENTS

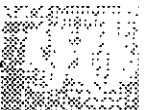
- 1 Battery post RB192
- 2 Ignition switch AB202
- 3 Bulkhead connector RB211
- 4 Catalyst switching module
- 5 Thermocouple XT6
- 6 Thermocouple XT4
- 7 Rear seat pan switch
- 8 In-line fuse



## EXHAUST TEMPERATURE WARNING (JAPAN)



J91-196





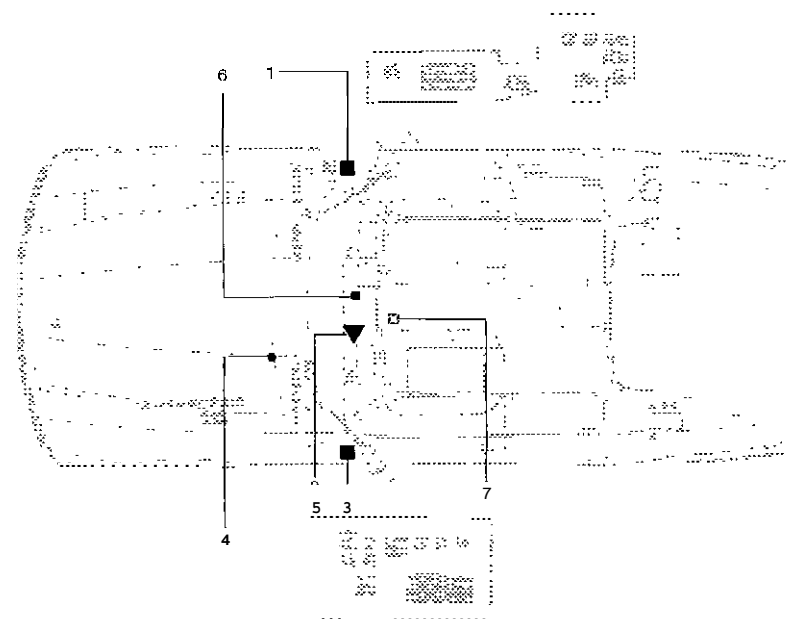
### OVERSPEED WARNING CIRCUIT (SAUDI ARABIA)

#### KEY TO CIRCUIT COMPONENTS

- 1 Passenger's door switch LB160
- 2 Key switch LB203
- 3 Driver's door switch LB188
- 4 Battery post LB192
- 5 Ignition switch LB202
- 6 Bulkhead connector XT7

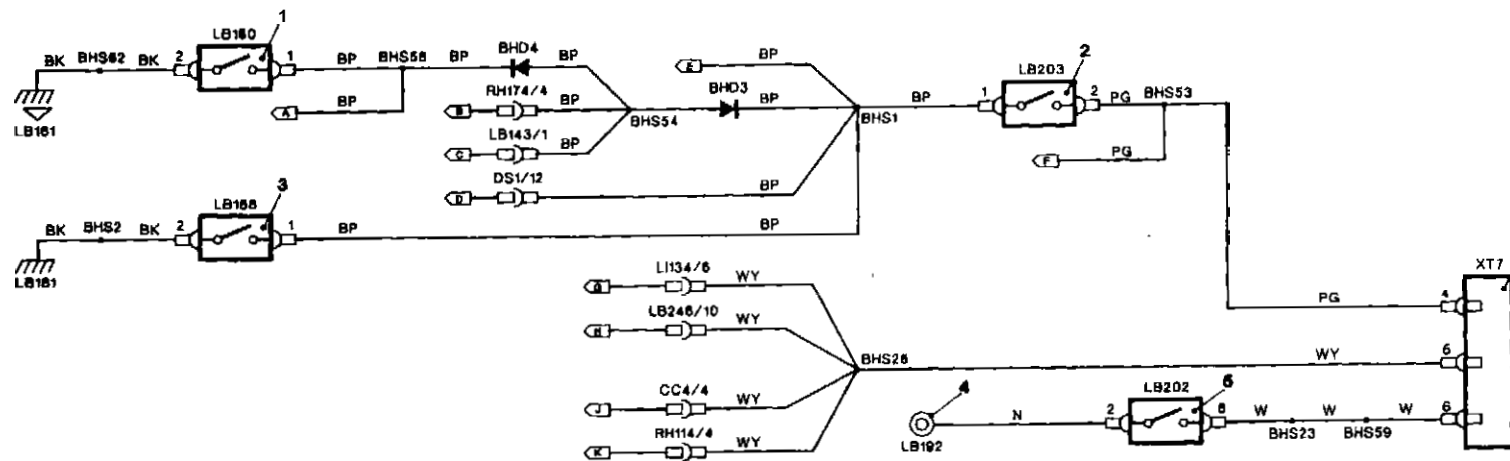
#### CONNECTIONS TO OTHER CIRCUITS

- A To passenger door connector PS1/12
- B To security system connector SS1/9
- C To interior light delay unit
- D To driver's door harness connector DS1/12
- E To lights on warning relay LB286/31b



J98 1234

## OVERSPEED WARNING CIRCUIT (SAUDI ARABIA)

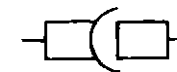


J01-107





## CIRCUIT DIAGRAMS AND HARNESSSES

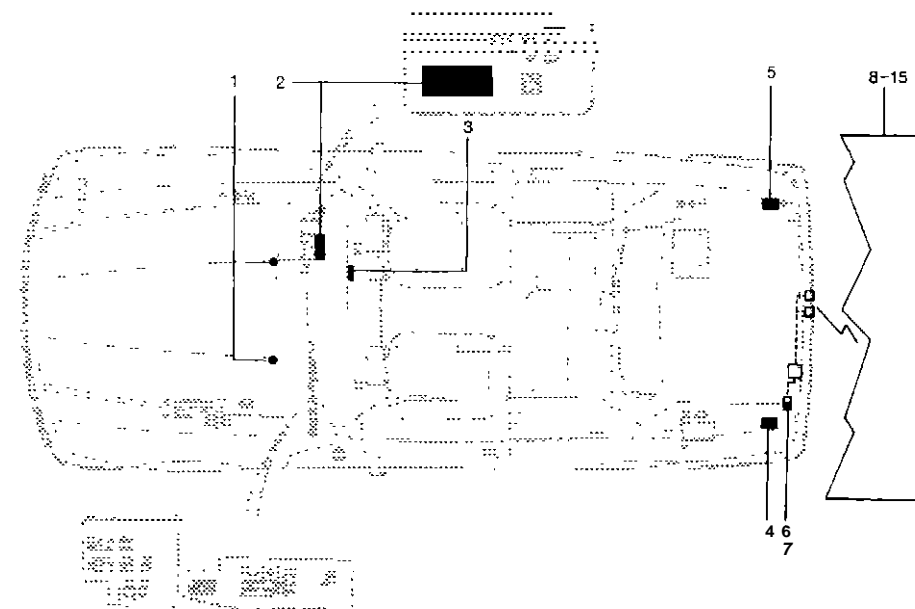


### CARAVAN/TRAILER

#### KEY TO CIRCUIT COMPONENTS

- 1 Battery post LB/RB191
- 2 Fuse 11 (LH fusebox LH drivell  
RH fusebox RH drive)
- 3 Direction indicator switch
- 4 Fuse 3L (caravan LH tail lamp-  
luggage compartment)
- 5 Fuse 2L (caravan RH tail lamp-  
luggage compartment)
- 6 Caravan connector RH117
- 7 Shorting plug
- 8 Caravan LH tail lamp
- 9 Caravan RH tail lamp
- 10 Caravan LH direction indicator
- 11 Caravan RH direction indicator
- 12 Caravan interior lights
- 13 Caravan stop lamps
- 14 Caravan fog lamps
- 15 Link

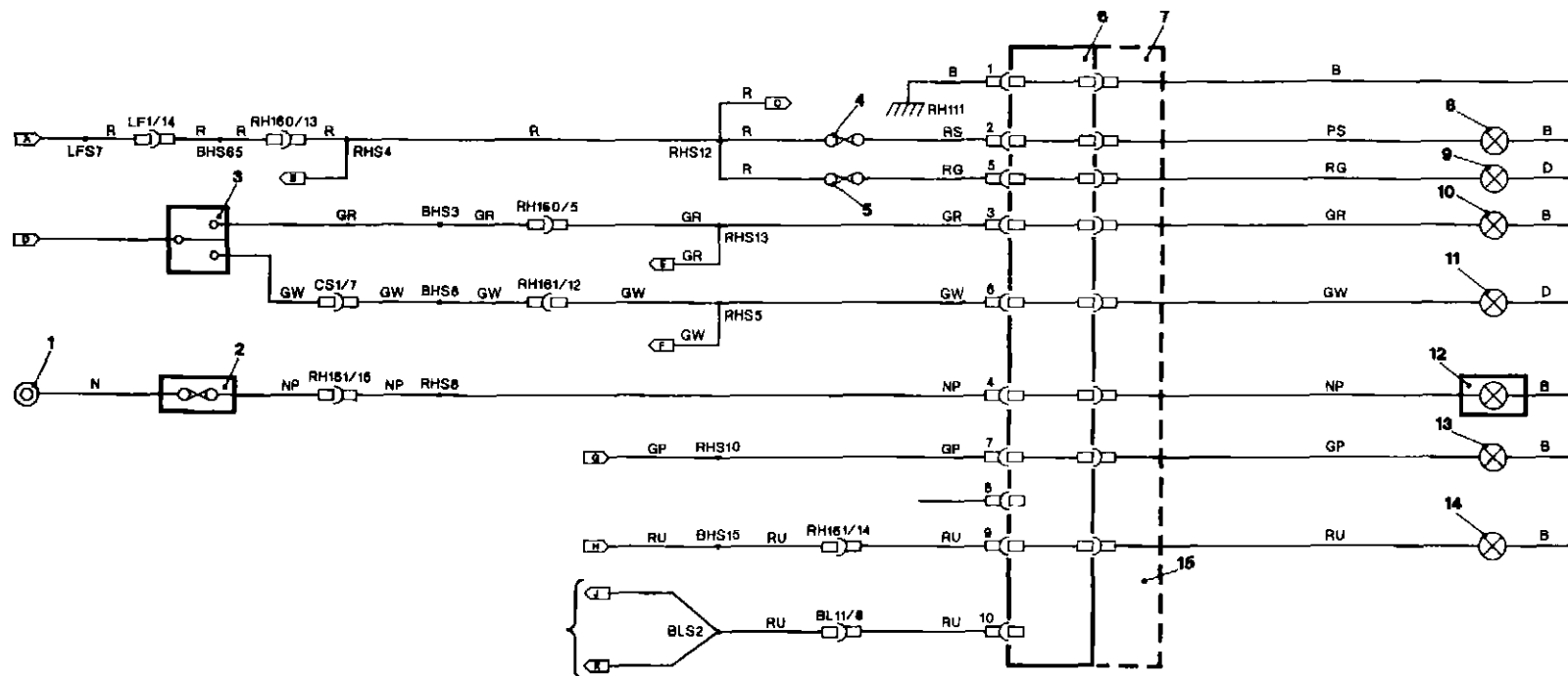
**Note:** Link (15) is incorporated in shorting plug (7) which must be fitted to connector RH117 (6) when the car is not being used for towing. Failure to fit the shorting plug renders the car reversing and rear fog lamps inoperative.



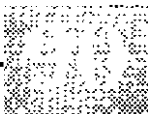
#### CONNECTIONS TO OTHER CIRCUITS

- A From sidelights relay LF10/87
- B To tail light bulb failure sensor
- C To tail/number plate lamp bulb fail sensor
- D From direction indicator flasher unit
- E To car LH direction indicator
- F To car RH direction indicator
- G From stop lights relay RH113/87
- H From rear foglamps relay LB/RB260/87
- J) To car LH and RH foglamps and
- K) reversing lights

## CARAVAN/TRAILER



J81-199



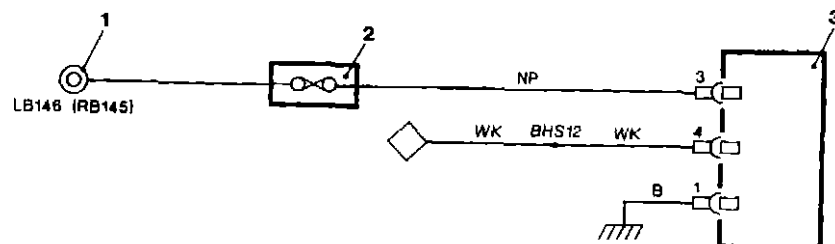


## KEY TO CIRCUIT COMPONENTS

- 

JMS 1225

## SUNROOF



J91-193



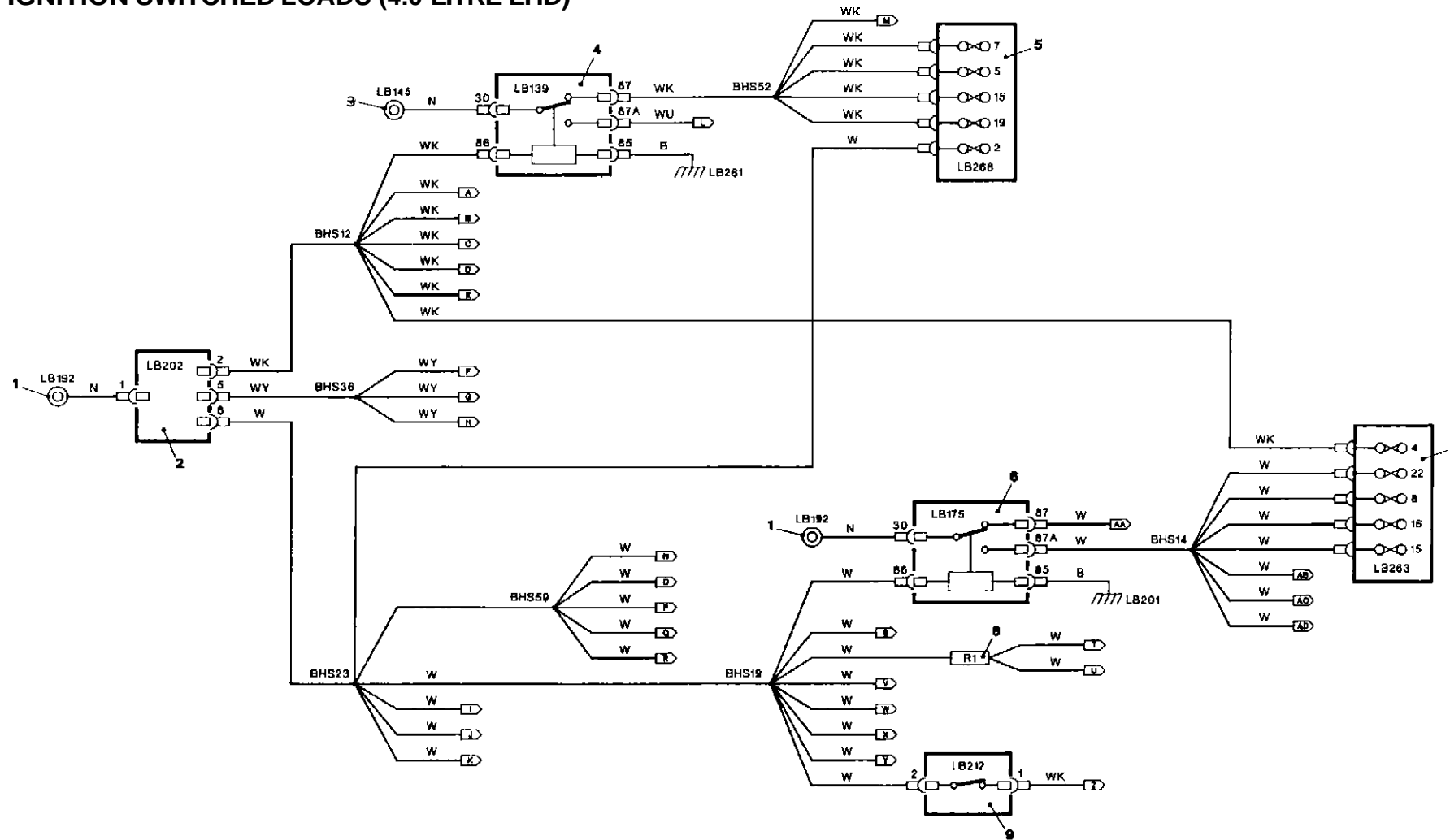




### INDEX TO HARNESSSES

ABS HARNESS (LEFT HAND DRIVE)	90.8.8 - 1
ABS HARNESS (RIGHT HAND DRIVE)	90.8.8 - 2
ANTI-STALL RELAY LINK	90.8.17 - 3
BINNACLE HARNESS	90.8.15 - 1
BOOT LID HARNESS	90.8.10 - 1
BULKHEAD HARNESS (4.0 LITRE, LEFT HAND DRIVE)	90.8.1 - 1
BULKHEAD HARNESS (4.0 LITRE, RIGHT HAND DRIVE)	90.8.1 - 2
BULKHEAD HARNESS (5.3 LITRE, LEFT HAND DRIVE)	90.8.1 - 4
BULKHEAD HARNESS (5.3 LITRE, RIGHT HAND DRIVE)	90.8.1 - 5
CLOCK LINK	90.8.17 - 2
COLUMN SWITCHGEAR LINK	90.8.17 - 8
CONSOLE HARNESS	90.8.16 - 1
CRUISE CONTROL HARNESS	90.8.6 - 1
DAYLIGHT RUNNING LAMPS LINK	90.8.17 - 1
DIM/DIP HEADLAMP LINK	90.8.17 - 2
DOOR HARNESS (LEFT HAND)	90.8.9 - 1
DOOR HARNESS (RIGHT HAND)	90.8.9 - 2
ENGINE HARNESS (5.3 LITRE)	90.8.5 - 2
ENGINE/PI HARNESS (4.0 LITRE)	90.8.5 - 1
EXHAUST TEMPERATURE LINK	90.8.17 - 4
EXTRA AIR VALVE RELAY LINK	90.8.17 - 3
FUEL CONTROL TIMER LINK	90.8.17 - 5
GEARBOX HARNESS (AUTOMATIC GEARBOX)	90.8.7 - 2
GEARBOX HARNESS (ELECTRONIC GEARBOX)	90.8.7 - 3
GEARBOX HARNESS (MANUAL GEARBOX)	90.8.7 - 1
HIGH MOUNTED STOP LAMP LINK	90.8.17 - 5
HOOD HARNESS	90.8.11 - 1
IGNITION CONTROL TIMER LINK	90.8.17 - 6

# IGNITION SWITCHED LOADS (4.0 LITRE LHD)





## CIRCUIT DIAGRAMS AND HARNESSSES



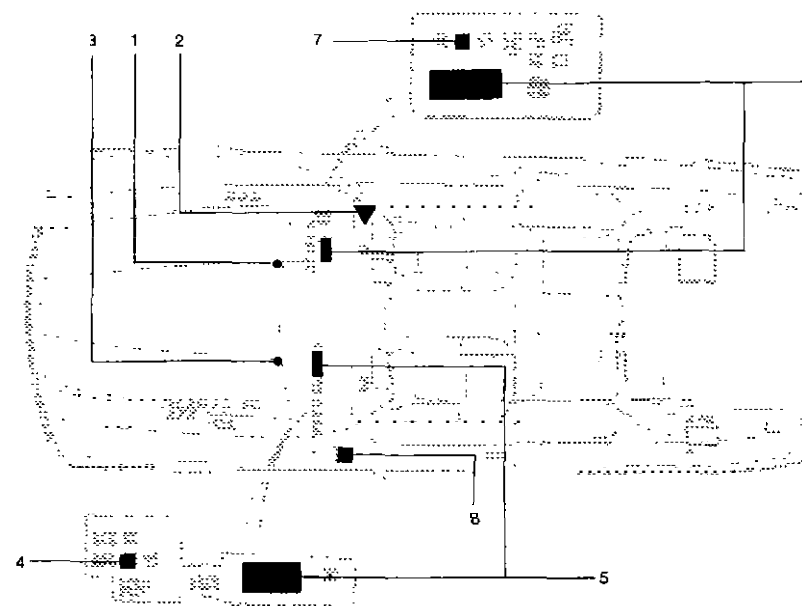
### IGNITION SWITCHED LOADS (4.0 LITRE RHD)

#### KEY TO CIRCUIT COMPONENTS

- 1 Battery post RB192
- 2 Ignition switch RB202
- 3 Battery post RE3282
- 4 Auxiliary controlled load relay RB139
- 5 LH fusebox RB231
- 6 RH fusebox RB222
- 7 Ignition load relay RB175
- 8 Resistor R1 (100R)
- 9 Inertia switch RB212

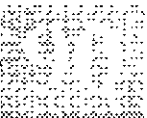
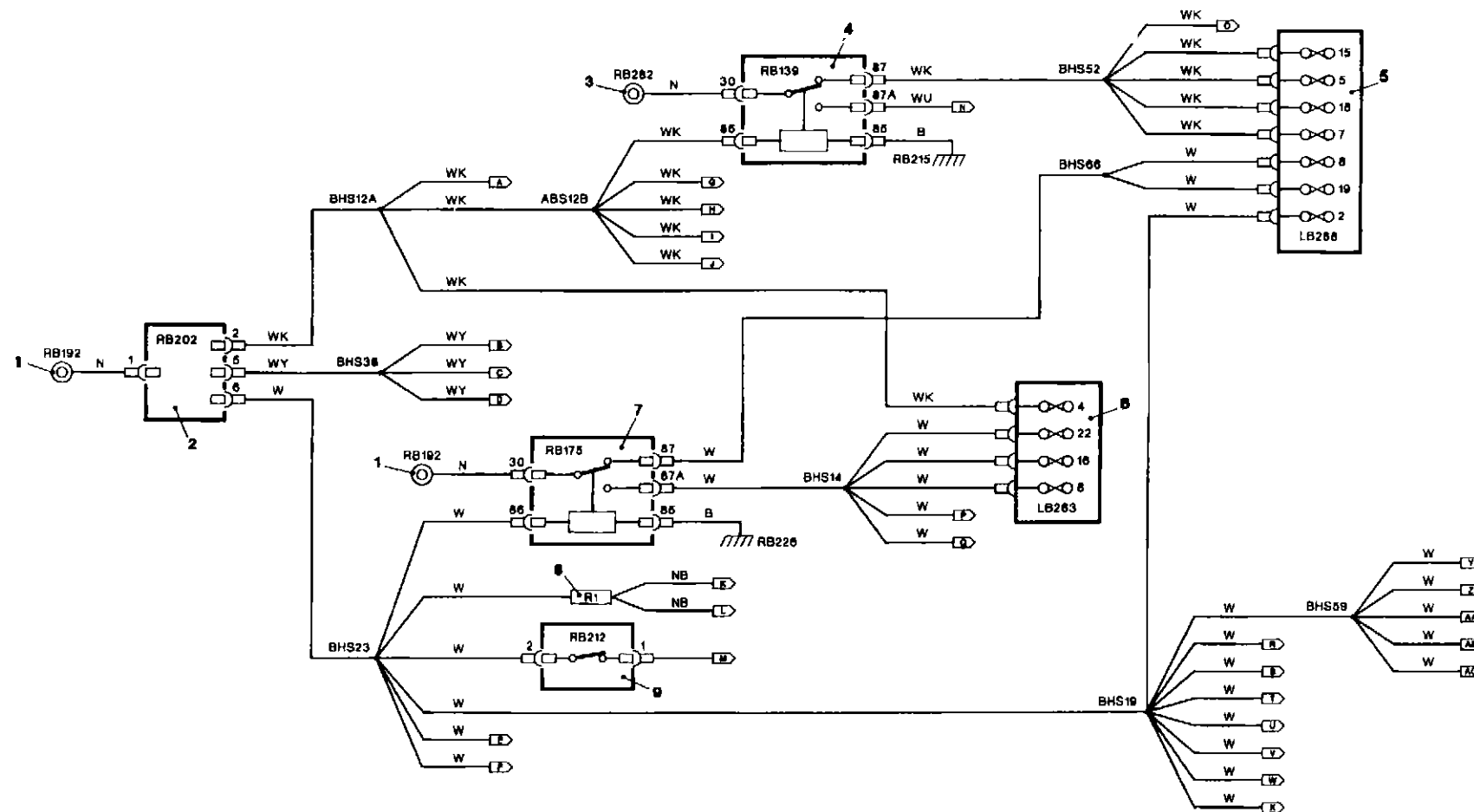
#### CONNECTIONS TO OTHER CIRCUITS

- A To driver's sill harness DS1/13
- B To **ABS** connector AB1/19
- C To bulb check unit RB174/4
- D To security system **start** inhibit relay SC3
- E To instrument pack RB246/13
- F To lights on warning device RB286/15
- G To driver's seat ECU DD1/1
- H To **ABS** pump relay RB144/86
- I To security system ECU ST2/2
- J To sunroof RB157/4
- K To alternator RF16
- L To instrument pack RB247/12
- M To PI main relay LI95/86
- N To window lift circuit breaker RB129
- O To gearbox warning relay RB280/86
- P To gearbox warning relay RB280/30
- Note Items O and P are only applicable to automatic transmission vehicles
- Q To security system SS2/10
- R To seat heater relay RB283/86
- S To instrument pack RB247/13
- T To ABS harness AB1/2
- U To illumination control module RB170/9
- V To left forward harness LF1/11
- W To rearward harness RH161/5
- X To instrument pack RB247/5
- Y To exhaust temperature warning XT7/4 (Japan)
- Z To seat belt logic unit RB130/6
- AA To low coolant level sensor RB127
- AB To central door locking (CDL) RB138/5



JHB 1215

### IGNITION SWITCHED LOADS (4.0 LITRE RHD)





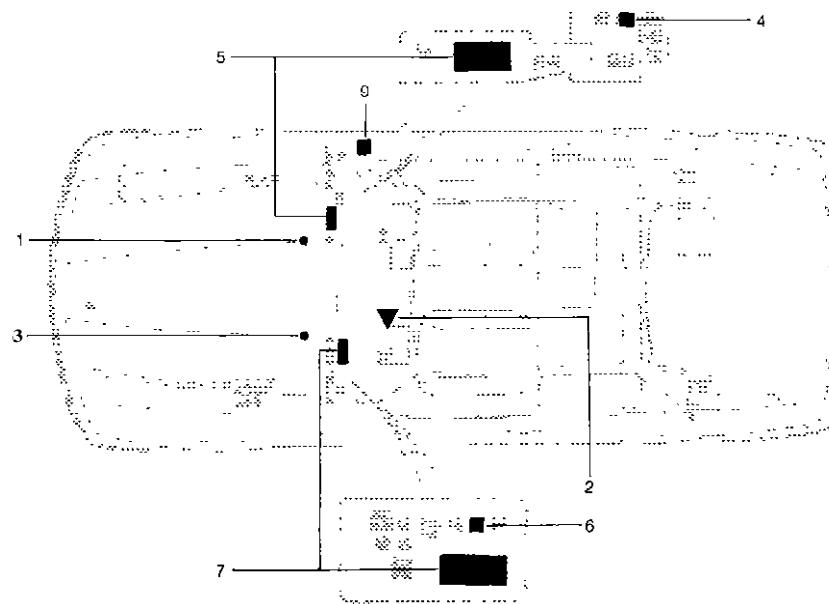
## IGNITION SWITCHED LOADS (5.3 LITRE LHD)

### KEY TO CIRCUIT COMPONENTS

- |   |                                       |
|---|---------------------------------------|
| 1 | Battery post LB192                    |
| 2 | Ignition switch LB202                 |
| 3 | Battery post LB145                    |
| 4 | Auxiliary controlled load relay LB139 |
| 5 | RH fusebox                            |
| 6 | Ignition load relay LB175             |
| 7 | LH fusebox                            |
| 8 | Resistor (100R 2.5W)                  |
| 9 | Inertia switch LB212                  |

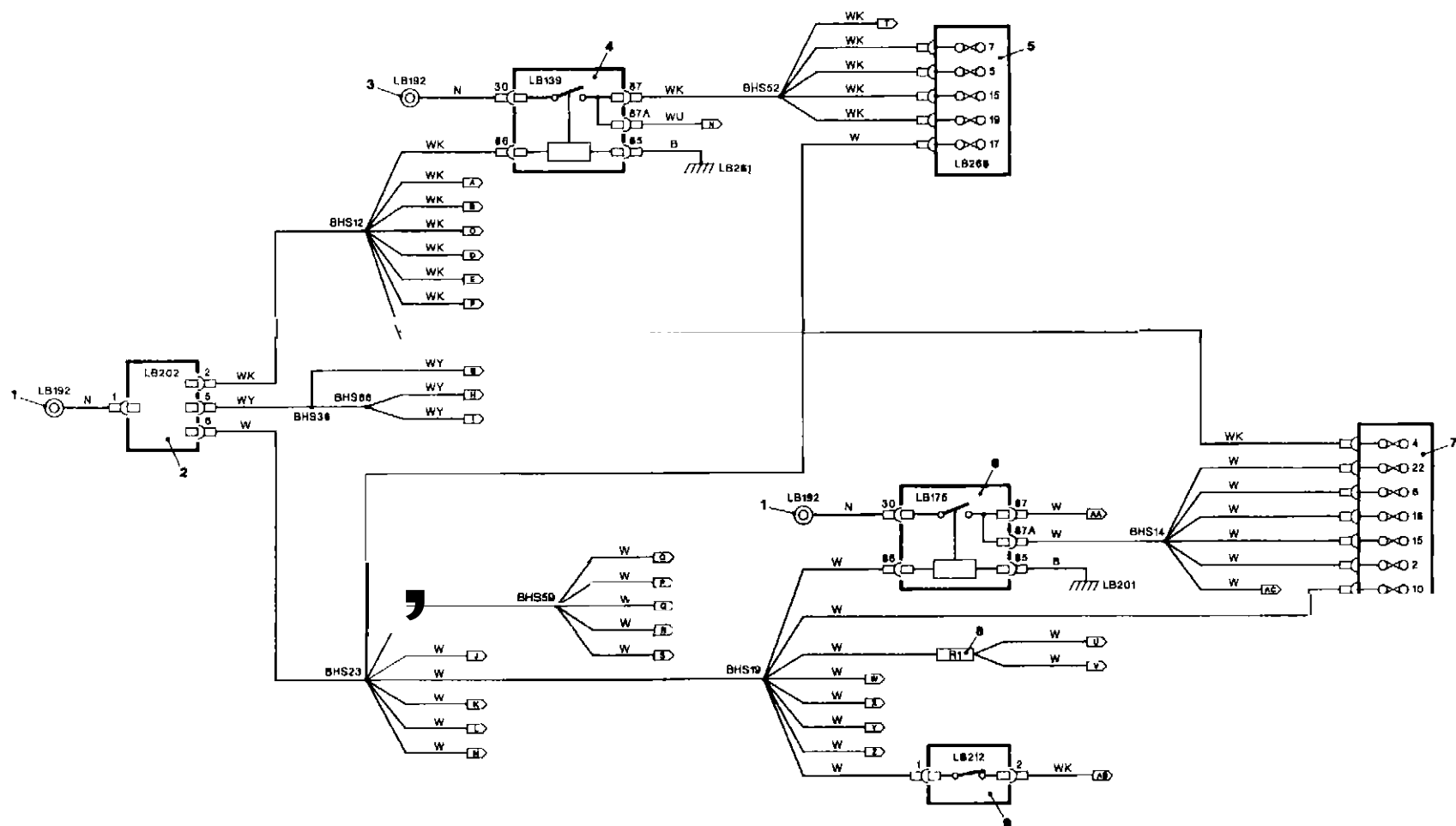
### CONNECTIONS TO OTHER CIRCUITS

- |    |   |
|----|---|
| A  | To security system ECUST2/2                 |
| B  | To sunroof harness LB157/4                  |
| C  | To ABS pump relay LB144/86                  |
| D  | To driver's door link harness DD1/1         |
| E  | To passenger door link harness PS2/1        |
| F  | To anti slosh unit RH169/3                  |
| G  | To start inhibit relay SC3 -security system |
| H  | To bulb check unit LB174/4                  |
| I  | To ABS ECU AB1/19                           |
| J  | To ignition harness via splice IHS11        |
| K  | To ABS ECU AB1/2                            |
| L  | To dimmer module LB170/9                    |
| M  | To fuse 2 (LH fusebox)                      |
| N  | To window lift circuit breaker LB129        |
| O  | To fuse 10 (RH fusebox)                     |
| P  | To catalyst switching unit in-line fuse     |
| Q  | To seat belt logic unit LB130/6             |
| R  | To air conditioner and heater LB150/4       |
| S  | To seat heater relay LB283/86               |
| T  | To instrument pack LB246/12                 |
| U  | To alternator RF16                          |
| V  | To instrument pack LB247/13                 |
| W  | To instrument pack LB247/5                  |
| X  | To headlight relay LF9/87                   |
| Y  | To instrument pack LB246/13                 |
| Z  | To main PI relay LI95/86                    |
| AA | To lights on warning device LB2896/15       |

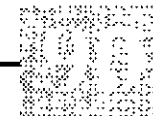


J86 1330

## IGNITION SWITCHED LOADS (5.3 LITRE LHD)



J91-201





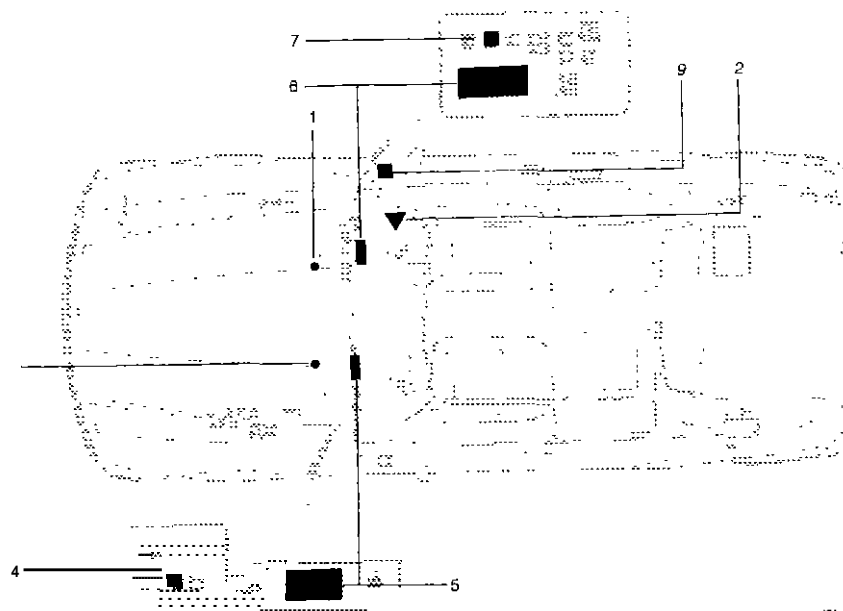
## IGNITION SWITCHED LOADS (5.3 LITRE RHD)

### KEY TO CIRCUIT COMPONENTS

- 1 Battery post RB192
- 2 Ignition switch RB202
- 3 Battery post RB282
- 4 Auxiliary controlled load relay RB139
- 5 LH fusebox RB231
- 6 RH fusebox RB222
- 7 Ignition load relay RB175
- 8 inertia switch RB212

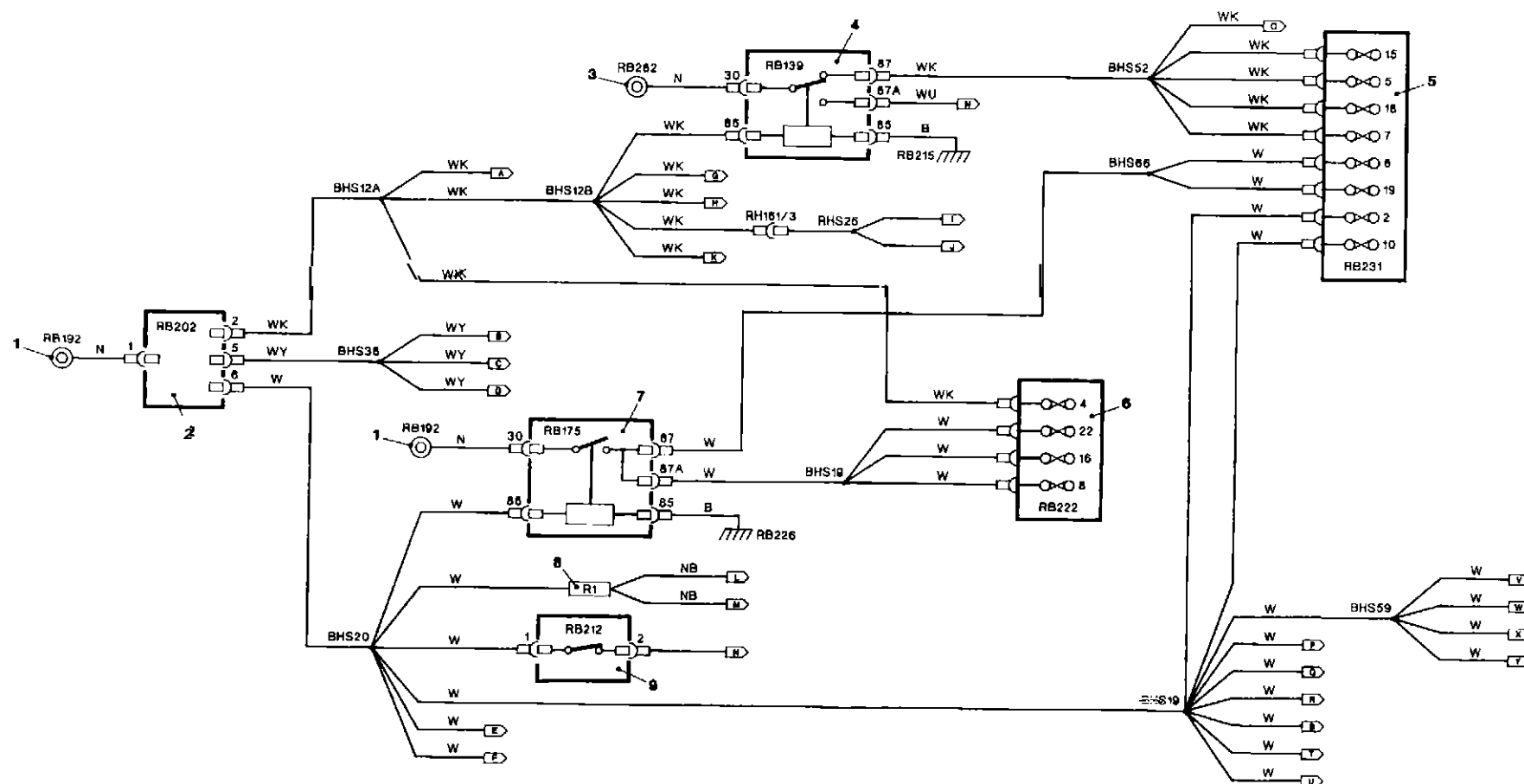
### CONNECTIONS TO OTHER CIRCUITS

- A To driver's sill harness DS1/13
- B To ABS connector AB1/19
- C To bulb check unit RB174/4
- D To security system – start inhibit relay SC3
- E To instrument pack RB246/13
- F To ignition harness via splice IHS11
- G To driver's seat ECU DD1/1



J86 1231

### IGNITION SWITCHED LOADS (5.3 LITRE RHD)







## CIRCUIT DIAGRAMS AND HARNESSSES



### POWER EARTHS (4.0 LITRE LEFT HAND DRIVE)

#### KEY TO CIRCUIT COMPONENTS

1	Arrangement for bulkhead harness
2	Arrangement for rearward harness (convertible)
3	Arrangement for rearward harness (coupe)
4	Arrangement for R.H. forward harness
5	Arrangement for L.H. forward harness
6	Arrangement for driver sill harness
7	Arrangement for passenger sill harness
8	Arrangement for driver door harness
9	Arrangement for passenger door harness
10	Arrangement for hood harness (convertible)
11	Arrangement for boot lid harness
12	Arrangement for engine/PI harness
13	Addition to 12 for catalytic convertor
14	Arrangement for ABS harness

#### CONNECTIONS TO OTHER CIRCUITS

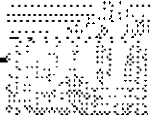
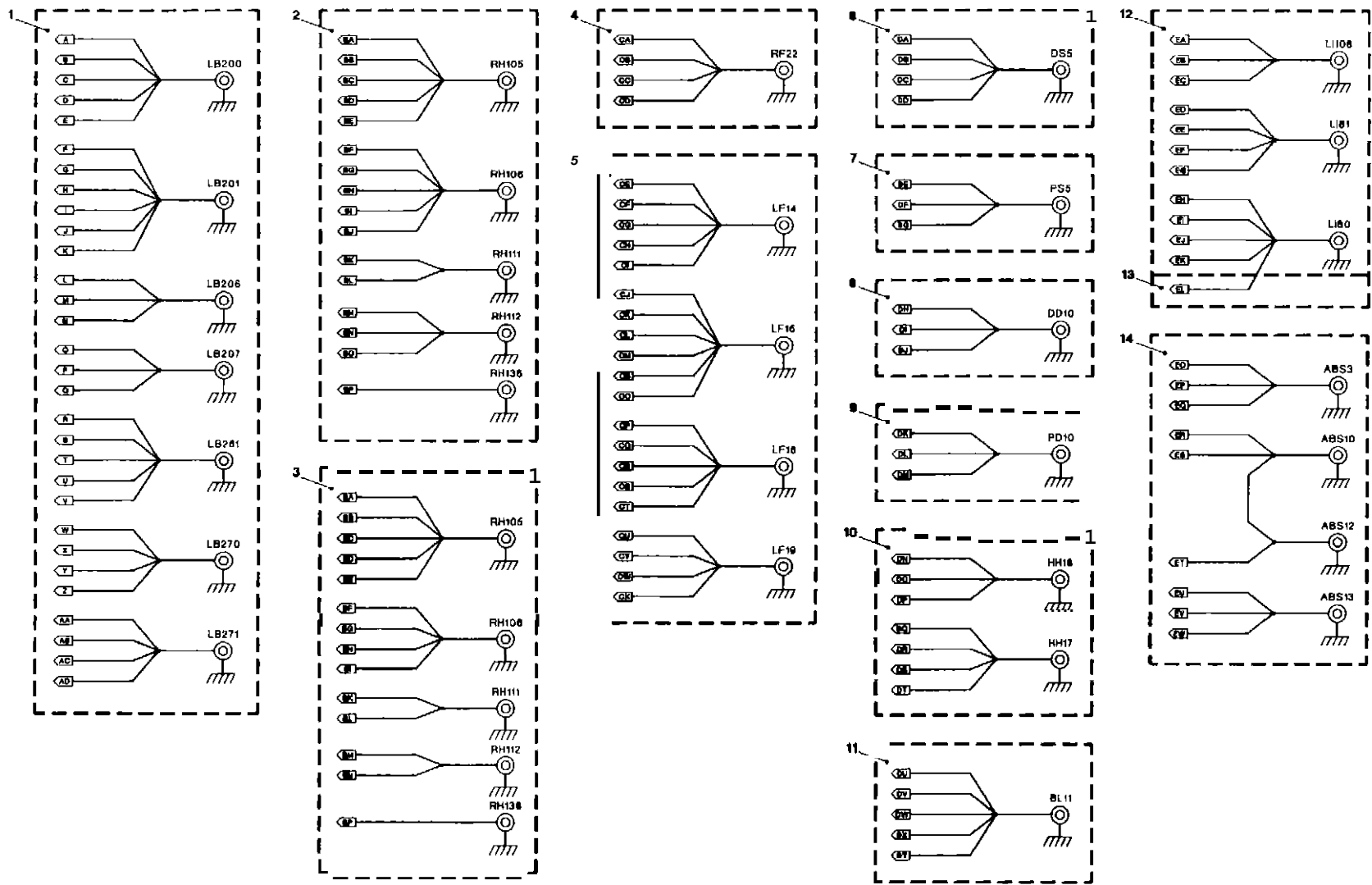
A	LH. fan motor LB190/1
B	Front fog shorting plug LB189/2
C	Rear fog relay LB260/85
D	Driver's door harness DD12/16 (see item DJ)
E	Roof lamp LB196
F	Flasher unit LB172/31
G	Ignition load relay LB175/85
H	Bulb check unit LB174/5
I	Heated rear screen LB173/3
J	Security system SS2/1
K	Front & rear fog lamp switches LB176/1
L	Illumination control module LB170/4
M	Column switch gear CS1/1
N	Driver's door mirror switch LB171/4
O	Sun roof harness LB157/1
P	Instrument pack LB247/1
a	Brake pedal & stop light switches LB167/4

#### CONNECTIONS TO OTHER CIRCUITS –Continued

R	Low coolant level sensor LB127
S	Auxiliary controlled load relay LB139/85
T	Seat heater relay LB283/85
U	Seat belt logic unit LB130
V	Passenger's door harness PD12/16 (see item DM)
W	Air conditioning panel illumination LB155/1
X	Heater & air conditioning fan motor LB213/1
Y	Binnacle harness BN5/17
Z	Exhaust temperature harness XT7/1 (Japan only)
	Speed warning harness LB211/1 (Saudi Arabia only)
AA	Console harness CH17/1
AB	Air conditioning LB150/1
AC	Interior light delay LB143/3
AD	Wiper connector LB149/1
BA	Low fuel warning lamp RH103
BB	Radio aerial motor RH142
BC	Boot lid harness BL11/10
BD	R.H. lamps RH96/1
BE	Radio aerial motor delay relay RH143/85
BF	Security system SS1/1
BG	Anti-slosh unit RH169/5
BH	R.H. side marker RH99
BI	Heated backlight RH151 (convertible)
	Fuel pump RFI module RH104/1 (coupe)
BJ	Interior lamp RC11 (convertible)
BK	Caravan supply RH117/1
BL	L.H. lamps RH119/1
BM	High level stop lamp HL1
BN	L.H. side marker RH116
BO	Interior lamp RC12 (convertible)
BP	Handbrake switch RH135

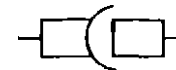
(Continued on Page 90.5.4–5)

POWER EARTHS (4.0 LITRE LEFT HAND DRIVE)





## CIRCUIT DIAGRAMS AND HARNESSSES



### POWER EARTHS (4.0 LITRE RIGHT HAND DRIVE)

#### KEY TO CIRCUIT COMPONENTS

1	Arrangement for bulkhead harness
2	Arrangement for rearward harness (convertible)
3	Arrangement for rearward harness (coupe)
4	Arrangement for R.H. forward harness
5	Arrangement for L.H. forward harness
6	Arrangement for driver sill harness
7	Arrangement for passenger sill harness
8	Arrangement for driver door harness
9	Arrangement for passenger door harness
10	Arrangement for hood harness (convertible)
11	Arrangement for boot lid harness
12	Arrangement for engine/PI harness
13	Addition to 12 for catalytic convertor
14	Arrangement for ABS harness

#### CONNECTIONS TO OTHER CIRCUITS

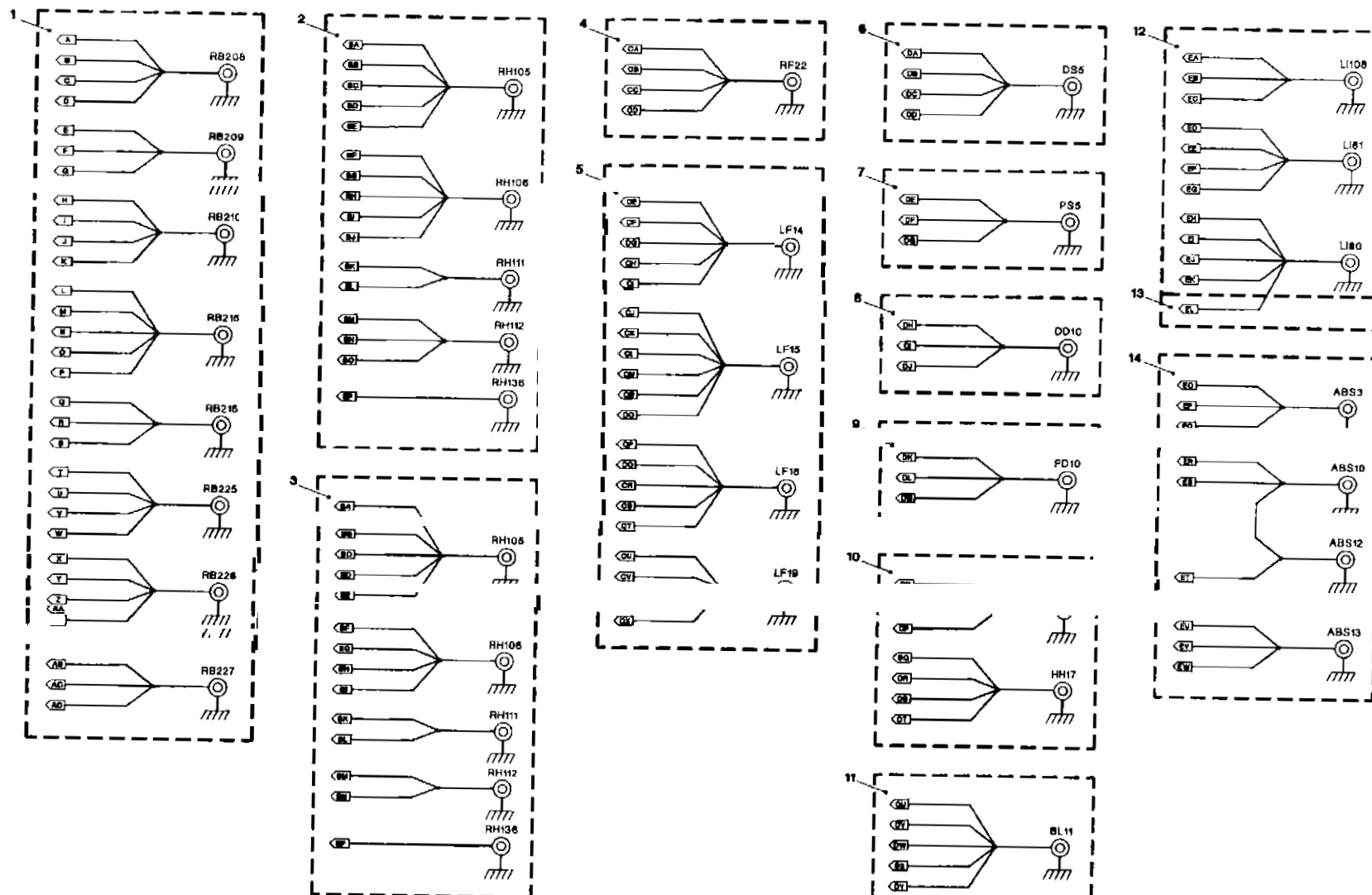
A	Security system SS2/1
B	Front & rear fog lamp switches RB176/1
C	Column switch gear RB169/1 or CS1/1
D	Console harness CH17/1
E	Binnacle harness BN5/17
F	Exhaust temperature harness XT7/1 (Japan only) Speed warning harness LB211/1 (Saudi Arabia only)
G	Air conditioning RB150/1
H	Heated rear screen RB173/3
I	Brake pedal & stop light switches RB167/4
J	Air conditioning panel illumination RB155/1
K	Wiper connector RB149/1
L	Low coolant level sensor RB127
M	Auxiliary controlled load relay RB139/85
N	Seat heater relay RB283/85
O	Seat belt logic unit RB130
P	Passenger's door harness PD12/16

#### CONNECTIONS TO OTHER CIRCUITS - Continued

Q	L.H. fan motor RB190/1
R	Sun roof harness RB157/1
S	Interior light delay RB143/3
T	Bulb check unit RB174/5
U	Driver's door mirror switch RB171/4
V	Instrument pack RB247/1
W	Front fog relay RB259/85
X	Rear fog relay RB260/85
Y	Flasher unit RB172/31
Z	Ignition load relay RB175/85
AA	R.H. fan motor RB213/1
AB	Driver's door harness DD12/16
AC	Roof lamp RB196
AD	Illumination control module RB170/4
BA	Low fuel warning lamp RH103
BB	Radio aerial motor RH142
BC	Boot lid harness BL11/10
BD	R.H. lamps RH96/1
BE	Radio aerial motor delay relay RH143/85
BF	Security system SS1/1
BG	Anti-slosh unit RH169/5
BH	R.H. side marker RH99
BI	Heated backlight RH151 (convertible) Fuel pump RFI module RH104/1 (coupe)
BJ	Interior lamp RC11 (convertible)
BK	Caravan supply RH117/1
BL	L.H. lamps RH119/1
BM	High level stop lamp HL1
BN	L.H. side marker RH116
BO	Interior lamp RC12 (convertible)
BP	Handbrake switch RH135

(Continued on Page 90.5.4 - 5)

# POWER EARTHS (4.0 LITRE RIGHT HAND DRIVE)





## CIRCUIT DIAGRAMS AND HARNESSSES



### POWER EARTHS (5.3 LITRE LEFT HAND DRIVE)

#### KEY TO CIRCUIT COMPONENTS

1	Arrangement for bulkhead harness
2	Arrangement for rearward harness (convertible)
3	Arrangement for rearward harness (coupe)
4	Arrangement for R.H. forward harness
5	Arrangement for L.H. forward harness
6	Arrangement for driver sill harness
7	Arrangement for passenger sill harness
8	Arrangement for driver door harness
9	Arrangement for passenger door harness
10	Arrangement for hood harness (convertible)
11	Arrangement for boot lid harness
12	Arrangement for PI harness
13	Arrangement for engine harness
14	Arrangement for link harnesses
15	Arrangement for gear selector harness
16	Arrangement for ABS harness

#### CONNECTIONS TO OTHER CIRCUITS

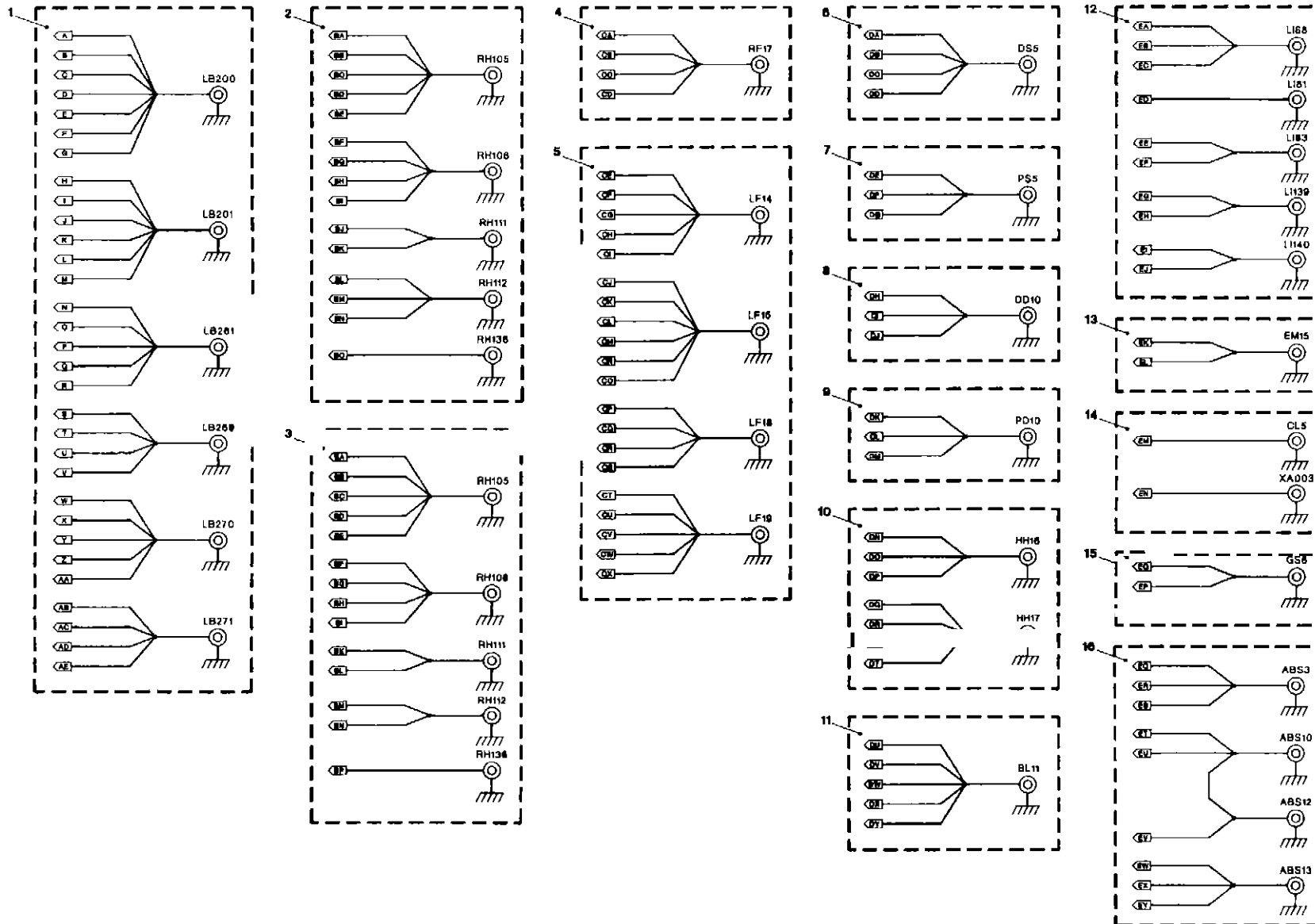
A	Front fog shorting plug LB189/2
B	Heated rear screen LB173/3
C	Rear fog relay LB260/85 or RB260/85
D	Front & rear fog lamp switches LB176/1
E	Driver's door harness DD12/16
F	Roof lamp LB196
G	Column switch gear via CS1/1
H	L.H. fan motor LB190/1
I	Flasher unit LB172/31
J	Ignition load relay LB175/85
K	Bulb check unit LB174/5
L	Security system SS2/1
M	Illumination control module LB170/4
N	Low coolant level sensor LB127/1
O	Auxiliary controlled load relay LB139/85
P	Seat heater relay LB283/85
Q	Seat belt logic unit LB130/5

#### CONNECTIONS TO OTHER CIRCUITS –Continued

R	Passenger's door harness via PD12/16
S	Driver's door mirror switch LB171/4
T	Sun roof harness LB157/1
U	Instrument pack LB247/1
V	Brake pedal switch LB167/4
W	Air conditioning panel illumination LB155/1
X	Heater & air conditioning fan motor LB213/Y
	Exhaust temperature harness XT7/1 (Japan only)
	Speed warning harness LB211/1 (Saudi Arabia only)
Z	Wiper connector LB149/1
AA	Gearbox harness via GS1/3
AB	Binnacle harness via BN5/17
AC	Console harness via CH17/1
AD	Air conditioning LB150/1
AE	Interior light delay LB143/3
BA	Low fuel warning lamp RH103
BB	Radio aerial motor RH142
BC	Boot lid harness BL11/10
BD	R.H. lamps RH96/1
BE	Radio aerial motor delay relay RH143/85
BF	Security system SS1/1
BG	Anti-slosh unit RH169/5
BH	R.H. side marker RH99
BI	Heated backlight RH151 (convertible)
	Fuel pump RFI module RH104/1 (coupe)
BJ	Interior lamp RC11 (convertible)
BK	Caravan supply RH117/1
BL	L.H. lamps RH119/1
BM	High level stop lamp HL1
BN	L.H. side marker RH116
BO	Interior lamp RC12 (convertible)
BP	Handbrake switch RH135

(Continued on Page 90.5.4 –5)

# POWER EARTHS (5.3 LITRE LEFT HAND DRIVE)



J81-203



## CIRCUIT DIAGRAMS AND HARNESSSES



### POWER EARTHS (5.3 LITRE RIGHT HAND DRIVE)

#### KEY TO CIRCUIT COMPONENTS

1	Arrangement for bulkhead harness
2	Arrangement for rearward harness (convertible)
3	Arrangement for rearward harness (coupe)
4	Arrangement for R.H. forward harness
5	Arrangement for L.H. forward harness
6	Arrangement for driver sill harness
7	Arrangement for passenger sill harness
8	Arrangement for driver door harness
9	Arrangement for passenger door harness
10	Arrangement for hood harness (convertible)
11	Arrangement for boot lid harness
12	Arrangement for PI harness
13	Arrangement for engine harness
14	Arrangement for link harnesses
15	Arrangement for gear selector harness
16	Arrangement for ABS harness

#### CONNECTIONS TO OTHER CIRCUITS

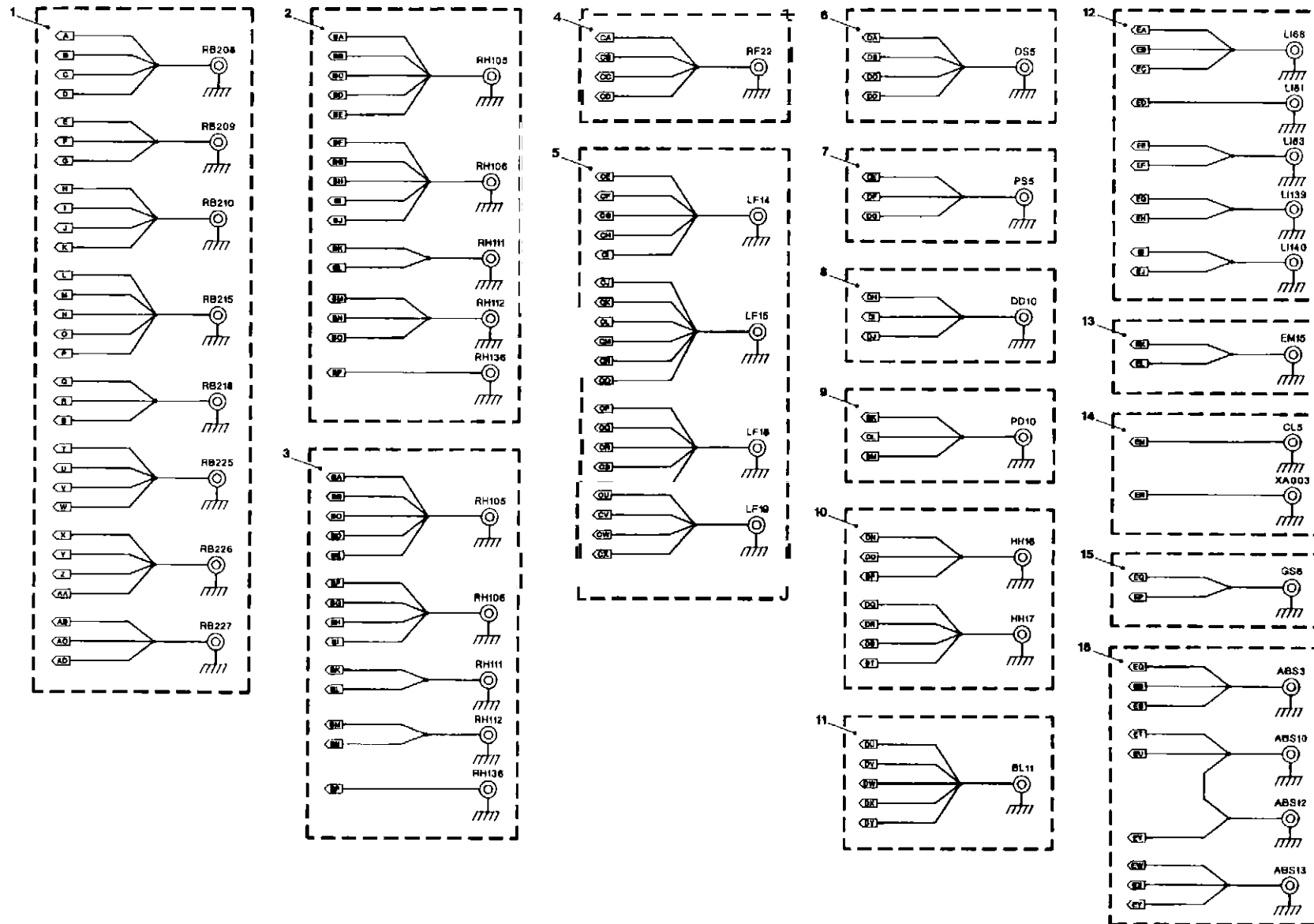
A	Console harness CH17/1
B	Security system SS2/1
C	Exhaust temperature harness XT7/1 (Japan only) Speed warning harness LB211/1 (Saudi Arabia only)
D	Front & rear fog lamp switches RB176/1
E	Stop lamp switch RB167/4
F	Heated rear screen RB173/3
G	Windscreen wiper connector RB149/1
H	Air conditioning connector RB150/1
I	Gear selector harness GS1/3
J	Binnacle harness BN5/17
K	Air conditioning panel illumination connector RB155/1
L	Seat belt logic unit RB130
M	Passenger's door harness PD12/16
N	Low coolant level sensor RB127
O	Auxiliary controlled load relay RB139/85
P	Seat heater relay RB283/85
Q	Sun roof harness RB157/1

#### CONNECTIONS TO OTHER CIRCUITS—Continued

R	Heater and air conditioning L.H. fan motor RB190/1
S	Interior light delay unit RB143/3
T	Roof lamp RB196
U	Column switchgear CS1/1
V	Door mirror switch RB171/4
W	Driver's door harness DD12/16
X	Bulb check unit RB174/5
Y	Instrument pack RB247/1
Z	Front fog relay RB259/85
AA	Rear fog relay RB260/85
AB	R.H. fan motor RB213/1
AC	Illumination control module RB170/4
AD	Flasher unit RB172/31
AE	Ignition load relay RB175/85
BA	Low fuel warning lamp RH103
BB	Radio aerial motor RH142
BC	Boot lid harness BL11/10
BD	R.H. lamps RH96/1
BE	Radio aerial motor delay relay RH143/85
BF	Security system SS1/1
BG	Anti-slosh unit RH169/5
BH	R.H. side marker RH99
BI	Heated backlight RH151 (convertible) Fuel pump RFI module RH104/1 (coupe)
BJ	Interior lamp RC11 (convertible)
BK	Caravan supply RH117/1
BL	L.H. lamps RH119/1
BM	High level stop lamp HL1
BN	L.H. side marker RH116
BO	Interior lamp RC12 (convertible)
BP	Handbrake switch RH135

Continued on Page 90.5.4 – 5

## POWER EARTHS (5.3 LITRE RIGHT HAND DRIVE)







## POWER EARTHS — Continued

### CONNECTIONS TO OTHER CIRCUITS – Continued

CA	R.H. side repeater RF18/1
CB	L.H. horn RF10
CC	R.H. horn RF12
CD	Air conditioning relay RF3/85
CE	L.H. fog lamp LF33
CF	L.H. direction indicator LF31
CG	L.H. side repeater LF43
CH	L.H. side marker LF30
CI	Headlamp control module LF6/31
CJ	L.H. headlamp and sidelamp LF29/1
CK	Fan relay LF11/85
CL	L.H. headlamp levelling motor LF28
CM	L.H. heated power wash jet LF32
CN	to diode pack
CO	Dim-dip running lights DR4/1 (Canada)
CP	Powerwash and screenwash pumps LF21/3
CQ	R.H. fog lamp LF25
CR	R.H. direction indicator LF24
CS	Powerwash and screenwash pumps LF21/1
CT	Radiator cooling fan LF39
CU	R.H. headlamp levelling motor LF23
CV	R.H. powerwash jet heater LF27
CW	R.H. side marker LF26
CX	R.H. headlamp & sidelamp LF22/1
CY	Low level washer sensor LF20

### CONNECTIONS TO OTHER CIRCUITS – Continued

DA	Seat control ECU DS2/29
DB	Seat control ECU DS3/1
DC	Seat control ECU DS3/7
DD	Seat heater control DS7/1
DE	Seat control ECU PS3/1
DF	Seat control ECU PS3/7
DG	Seat heater control PS7/1
DH	Driver's door switch pack DD4/5
DI	Driver's door mirror DD2/6
DJ	to earth LB200 via DD12/16
DK	Passenger's door switch pack PD4/5
DL	Passenger's door mirror DD2/6
DM	to earth LB261 via PD12/16
DN	Hood control module HH26/1
DO	Hood up relay HH23/87A
DP	Hood down relay HH22/87A
DQ	R.H. quarterlight up relay HH25/87A
DR	R.H. quarterlight down relay HH24/87A
DS	L.H. quarterlight up relay HH21/87A
DT	L.H. quarterlight down relay HH20/87A
DU	L.H. reverse and rear fog lamps BL4/1
DV	L.H. number plate lamp BL5
DW	R.H. reverse and rear fog lamps BL10/1
DX	R.H. number plate lamp BL9
DY	Boot lamps switch BL12

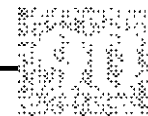
## POWER EARTHS —Continued

### CONNECTIONS TO OTHER CIRCUITS –Continued (4.0 litre)

EA	Coil LI114
EB	Low power board LI93/18
EC	Air conditioning cut out LI125
ED	Gearbox harness connector GH8/11
EE	Serial output connector LI132/6
EF	Ignition amplifier LI112
EG	Cable screens
EH	High power board LI92/23
EI	High power board LI92/24
EJ	High power board LI91/11
EK	PI main relay LI95/85
EL	Gearbox harness connector GH8/3
EO	ABS ECU ABS1/1
EP	ABS main relay ABS16/85
EQ	Diagnostic connector ABS2/1
ER	ABS main valve ABS9/2
ES	ABS main relay ABS16/87A
ET	ABS pump ABS14/2
EU	ABS reservoir ABS7/3
EV	ABS accumulator ABS15/1
EW	Diode ABSD1 anode

### CONNECTIONS TO OTHER CIRCUITS – Continued (5.3 litre)

EA	PI ECU LI45/23
EB	A bank lambda heater LI76
EC	B bank lambda heater LI63
ED	Fuel pump LI141/1
EE	PI ECU LI45/34
EF	PI ECU LI45/35
EG	PI main relay LI47/85
EH	to splice PIS11
EI	PI ECU LI45/16
EJ	PI ECU LI45/17
EK	to splice EHS15
EL	to splice EHS12
EM	Thermal switch CL2
EN	Extra air valve relay XA4/87A
EO	Start inhibit switch GS3
EP	Bulkhead connector GS1/3
EQ	ABS ECU ABS1/1
ER	ABS main relay ABS16/85
ES	Diagnostic connector ABS2/1
ET	ABS main valve ABS9/2
EU	ABS main relay ABS16/87A
EV	ABS pump ABS14/2
EW	ABS reservoir ABS7/3
EX	ABS accumulator ABS15/1
EY	Diode ABSD1 anode





### BULKHEAD HARNESS - LOGIC EARTH

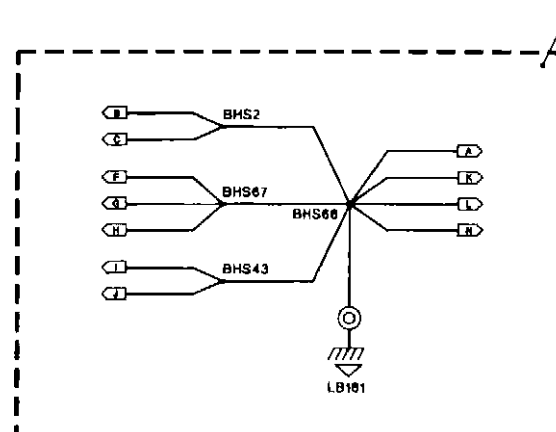
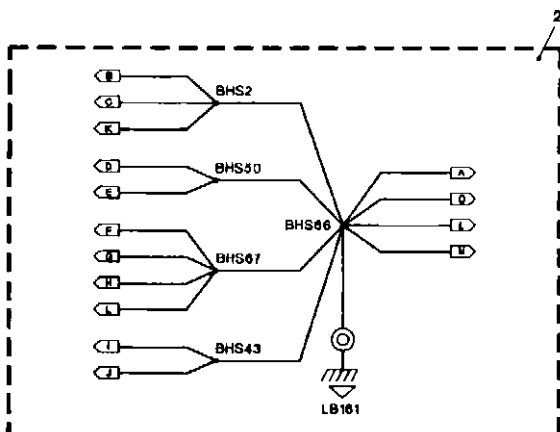
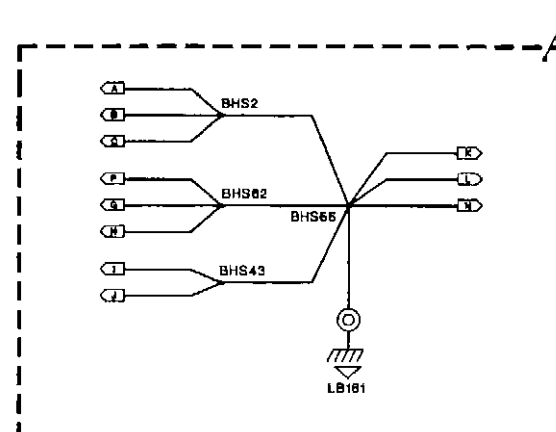
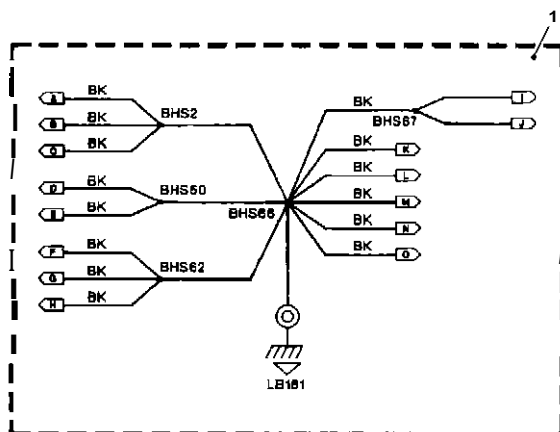
#### KEY TO CIRCUIT COMPONENTS

- |   |                             |
|---|-----------------------------|
| 1 | Arrangement for 4.0L L.H.D. |
| 2 | Arrangement for 4.0L R.H.D  |
| 3 | Arrangement for V12 LHD.    |
| 4 | Arrangement for V12 R.H.D.  |

#### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | Driver's door harness DD13/5               |
| B | Driver's side link harness DS1/2           |
| C | Driver's door switch LB188/1 or RB188/1    |
| D | Left forward harness LF2/11                |
| E | Right forward harness RF1/11               |
| F | Passenger's door switch LB140/1 or RB140/1 |
| G | Central door locking unit LB138/4          |
| H | Passenger's door harness PD13/5            |
| I | Column switch gear CS1/13                  |
| J | Wiper delay module LB148/1 or RB148/1      |
| K | Column switch gear CS1/2                   |
| L | Cruise control connector CC4/3             |
| M | Kick-down switch LB166/1 or RB226/1        |
| N | Passenger's side link harness PS1/2        |
| O | Gearbox harness GH9/13                     |

## BULKHEAD HARNESS - LOGIC EARTH



JB1-151

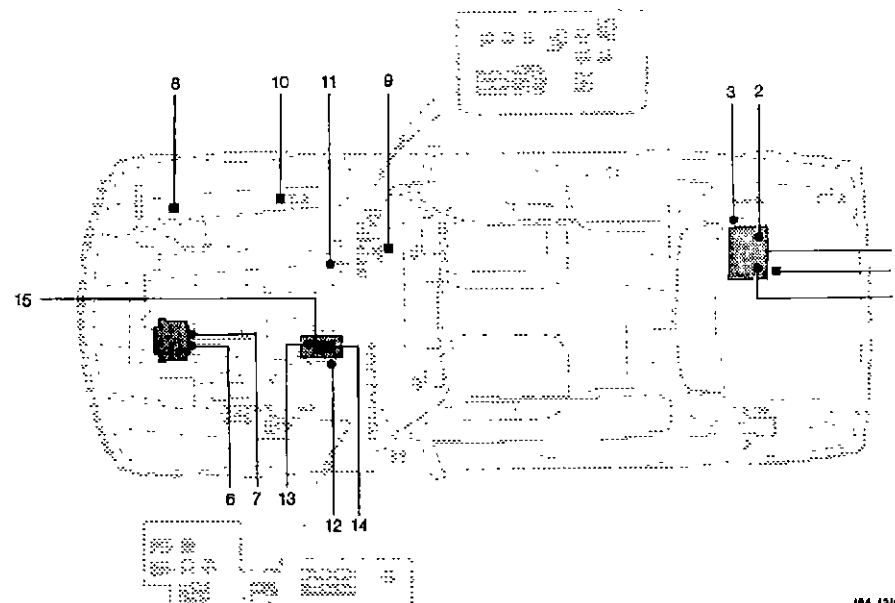




## STARTER AND ALTERNATOR

### KEY TO CIRCUIT COMPONENTS

- |    |  |
|----|--|
| 1  | Battery                                |
| 2  | Negative battery terminal              |
| 3  | Negative connection to chassis         |
| 4  | Positive battery terminal              |
| 5  | Battery spur                           |
| 6  | Alternator (negative to chassis)       |
| 7  | Positive alternator terminal           |
| 8  | Alternator load dump module            |
| 9  | Security system or shorting plug       |
| 10 | Starter solenoid relay                 |
| 11 | R.H. bulkhead battery post             |
| 12 | L.H. bulkhead battery post             |
| 13 | Positive starter terminal              |
| 14 | Starter solenoid (negative to chassis) |
| 15 | Starter motor (negative to chassis)    |

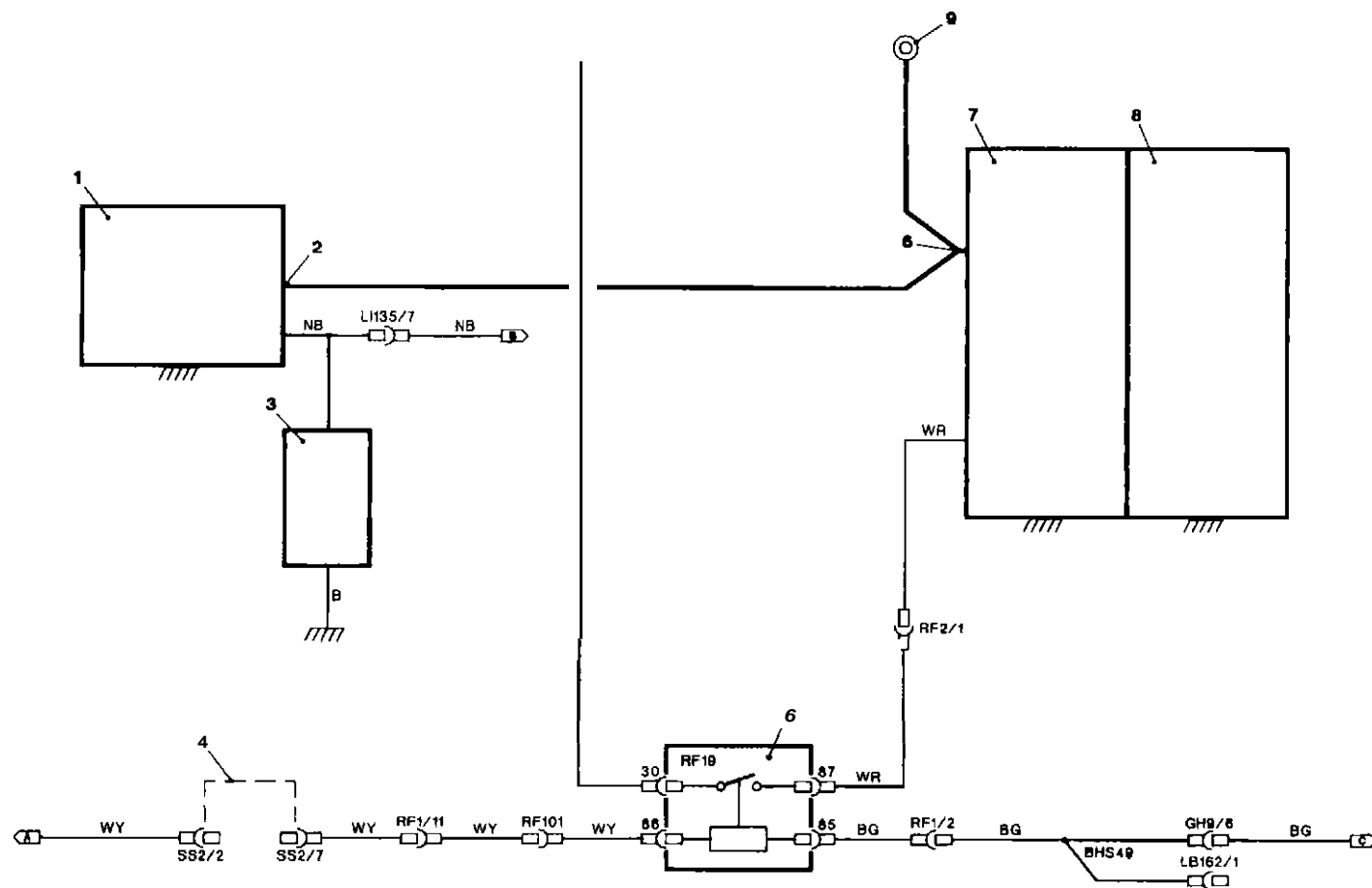


J06 1310

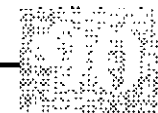
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | supply from ignition switch via BHS36    |
| B | to instrument pack ignition warning lamp |
| C | to chassis via gear selector switch      |

## STARTER AND ALTERNATOR



J91-147

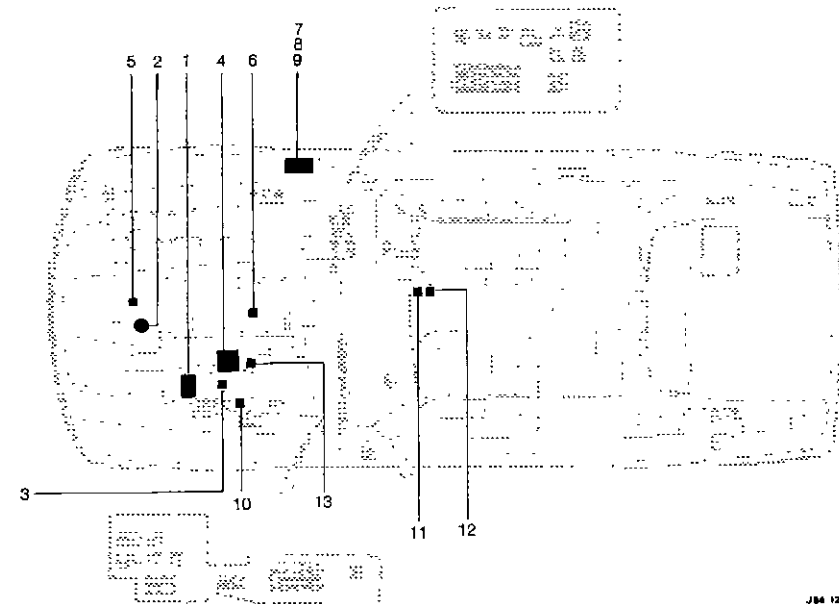




## ENGINE MANAGEMENT/PI - LOW POWER BOARD (4.0 LITRE)

### KEY TO CIRCUIT COMPONENTS

- |    |  |
|----|--|
| 1  | Air meter LI104                              |
| 2  | Water thermostats LI101                      |
| 3  | Hot start sensor LI99                        |
| 4  | Throttle pot LI103                           |
| 5  | Crankshaft sensor LI109                      |
| 6  | Lambda sensor (CAT only) LI123               |
| 7  | Connector LI93 (part) to Low Power ECU board |
| 8  | Low Power ECU board                          |
| 9  | Connector LI93 (part) to Low Power ECU board |
| 10 | Breather Heater relay (CAT only) LI131       |
| 11 | Serial output connector LI132                |
| 12 | Fuel failure code reset LI91                 |
| 13 | Breather heater (CAT only) LI98              |

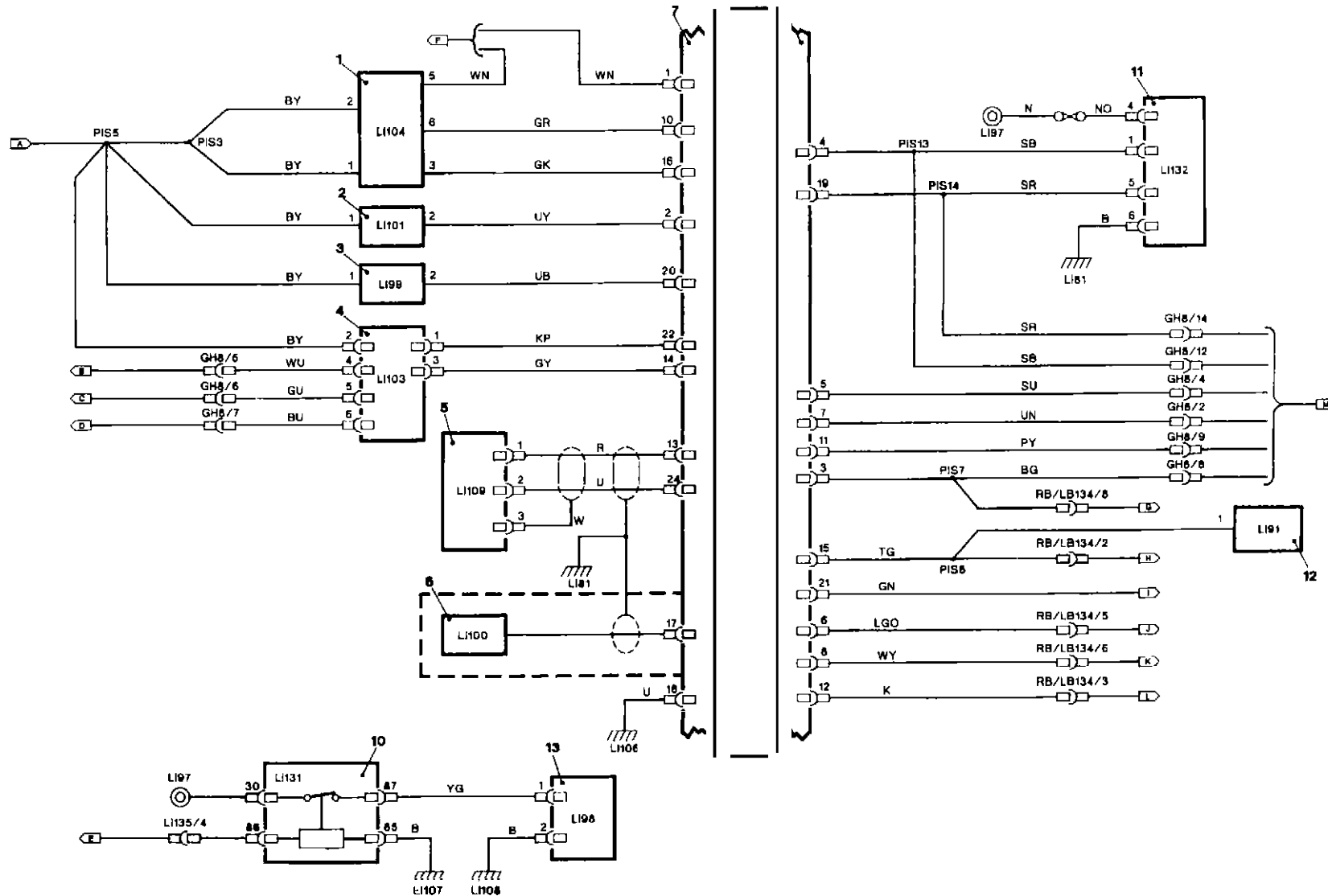


J84 1218

### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | Supply from High Power board LI192/3         |
| B | from Electronic Gearbox circuit              |
| C | from Electronic Gearbox circuit              |
| D | from Electronic Gearbox circuit              |
| E | from Ambient Sensor via BHS39                |
| F | Supply from PIS12 (High Power board circuit) |
| G | to Electronic Gearbox circuit                |
| H | to Binnacle BN5/20                           |
| I | to Air Conditioning circuit                  |
| J | to instrument Pack LB246/8                   |
| K | to BHS28                                     |
| L | to BHS45                                     |

## ENGINE MANAGEMENT/PI - LOW POWER BOARD (4.0 LITRE)



J91-155

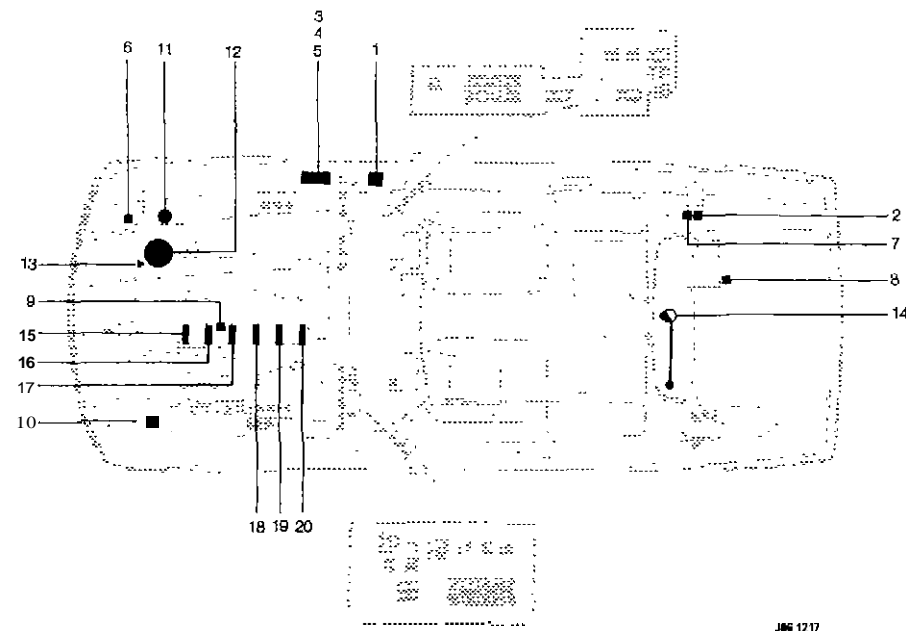




### ENGINE MANAGEMENT/PI - HIGH POWER BOARD (4.0 LITRE)

#### KEY TO CIRCUIT COMPONENTS

- |    |  |
|----|--|
| 1  | Inertia switch LB212                         |
| 2  | PI main relay LI95                           |
| 3  | Connector LI92 (part)to High Power ECU board |
| 4  | High Power ECU board                         |
| 5  | Connector LI92 (part)to High Power ECU board |
| 6  | Ignition amplifier LI113                     |
| 7  | Fuel pump relay RH173                        |
| 8  | Battery spur RH172                           |
| 9  | Idle speed motor LI100                       |
| 10 | Canister purge valve (CAT only) LI142        |
| 11 | Ignition coil LI114                          |
| 12 | Distributor                                  |
| 13 | Resistor PIR1                                |
| 14 | Fuel pump & RFI module RH104                 |
| 15 | Injector LI116                               |
| 16 | Injector LI117                               |
| 17 | Injector LI118                               |
| 18 | Injector LI119                               |
| 19 | Injector LI120                               |
| 20 | Injector LI121                               |

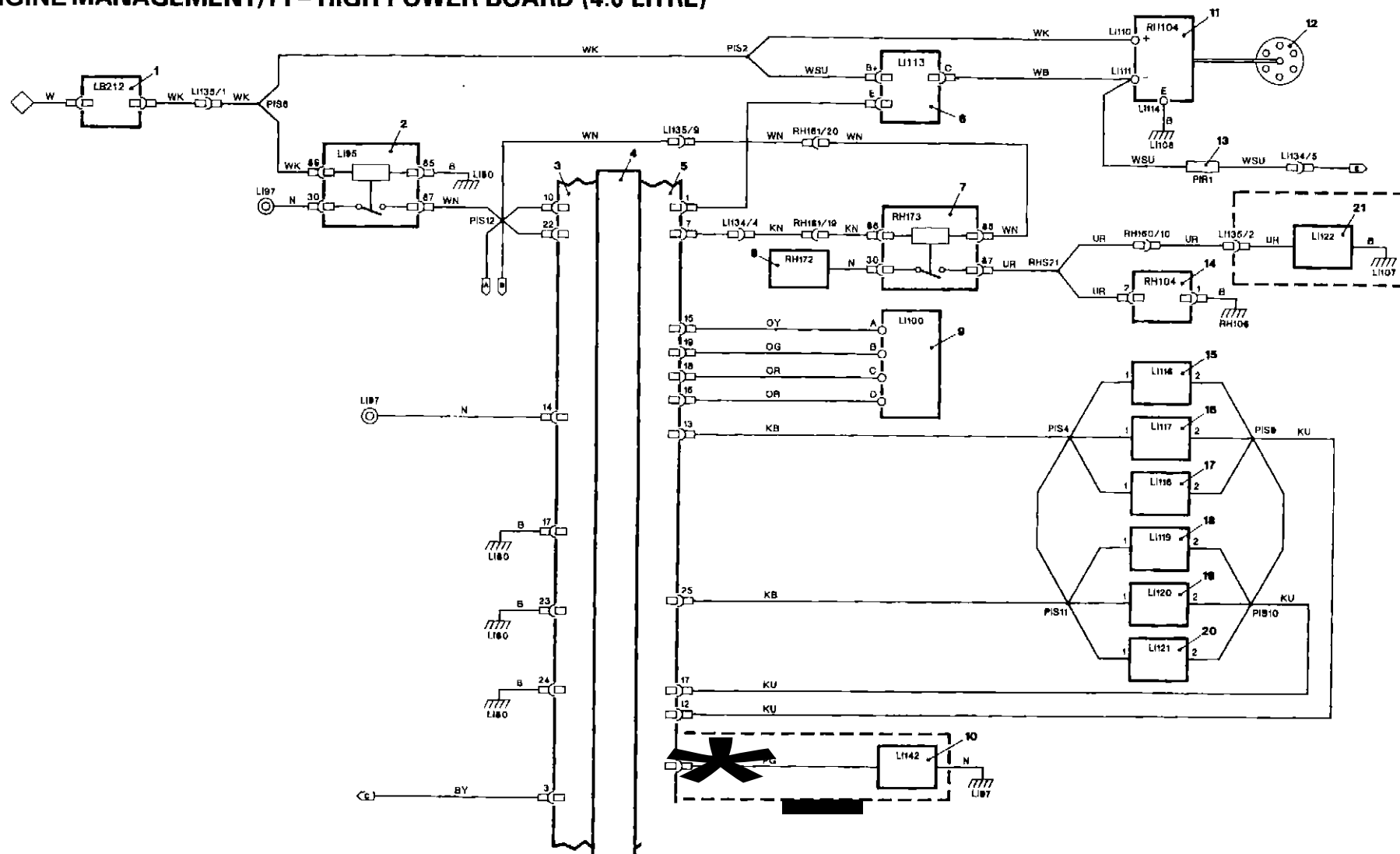


JBG 1217

#### CONNECTIONS TO OTHER CIRCUITS

- |   |                                   |
|---|-----------------------------------|
| A | Supply to LI104/5                 |
| B | Supply to Low Power board LI193/1 |
| C | From PIS5                         |
| D | To gearbox control system         |
| E | Output to tacho                   |

# ENGINE MANAGEMENT/PI - HIGH POWER BOARD (4.0 LITRE)



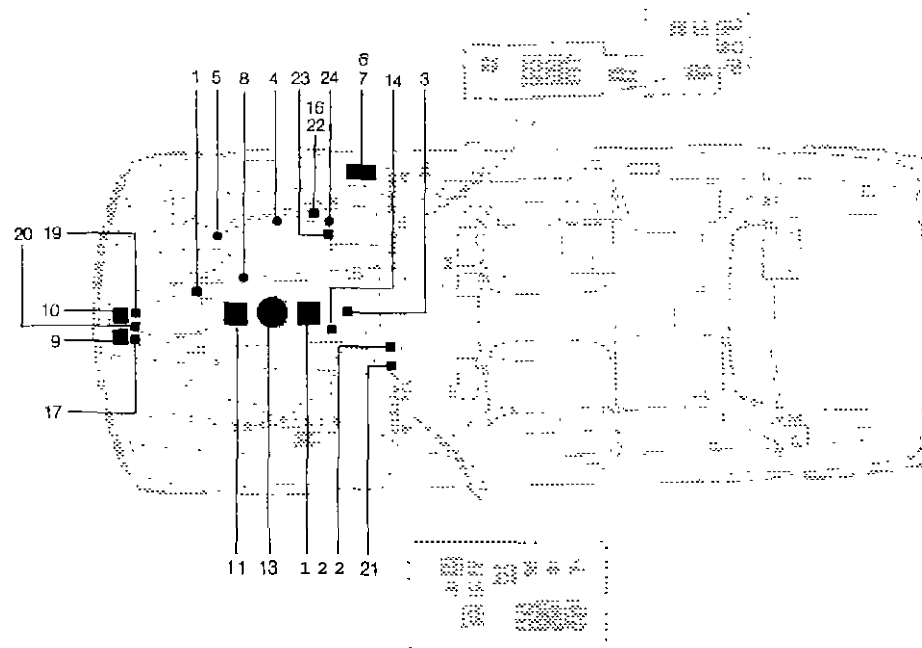
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## ENGINE MANAGEMENT (5.3 LITRE)

### KEY TO CIRCUIT COMPONENTS

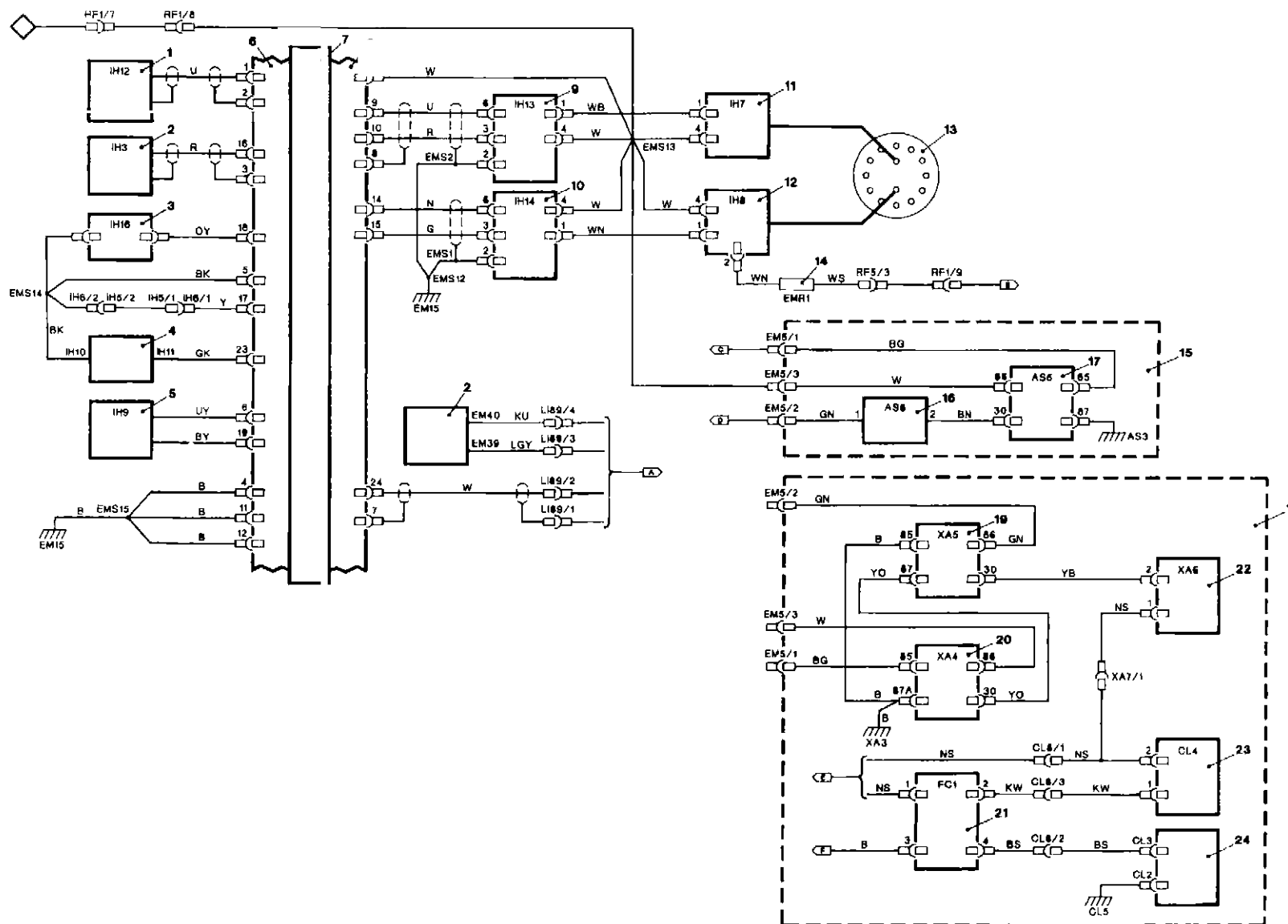
- |    |                                       |
|----|---------------------------------------|
| 1  | TDC sensor IH12                       |
| 2  | Flywheel sensor IH3                   |
| 3  | Idle switch                           |
| 4  | Air temperature switch                |
| 5  | Coolant temperature sensor IH9        |
| 6  | Connector to engine management ECU.   |
| 7  | Engine management ECU.                |
| 8  | Fuel rail temperature switch          |
| 9  | LH. power module IH13                 |
| 10 | RH. power module IH14                 |
| 11 | Coil forward IH7                      |
| 12 | Coil rear IH8                         |
| 13 | Distributor                           |
| 14 | Resistor EMR1                         |
| 15 | V12 catalyst engine only              |
| 16 | Supplementary air valve CS6           |
| 17 | <b>Anti-stall relay AS5</b>           |
| 18 | V12 non-catalyst engine only          |
| 19 | Extra air valve relay XA5             |
| 20 | Extra air valve relay XA4             |
| 21 | 15 minute timer FC1                   |
| 22 | Supplementary air valve <b>XA6</b>    |
| 23 | 3-way solenoid operated vac valve CL4 |
| 24 | Thermal switch                        |



### CONNECTIONS TO OTHER CIRCUITS

- |   |                                |
|---|--------------------------------|
| A | to PI system                   |
| B | to Instrument pack, tachometer |
| C | to PI system                   |
| D | to PI system                   |
| E | from pump relay (PI system)    |
| F | chassis                        |

## ENGINE MANAGEMENT (5.3 LITRE)

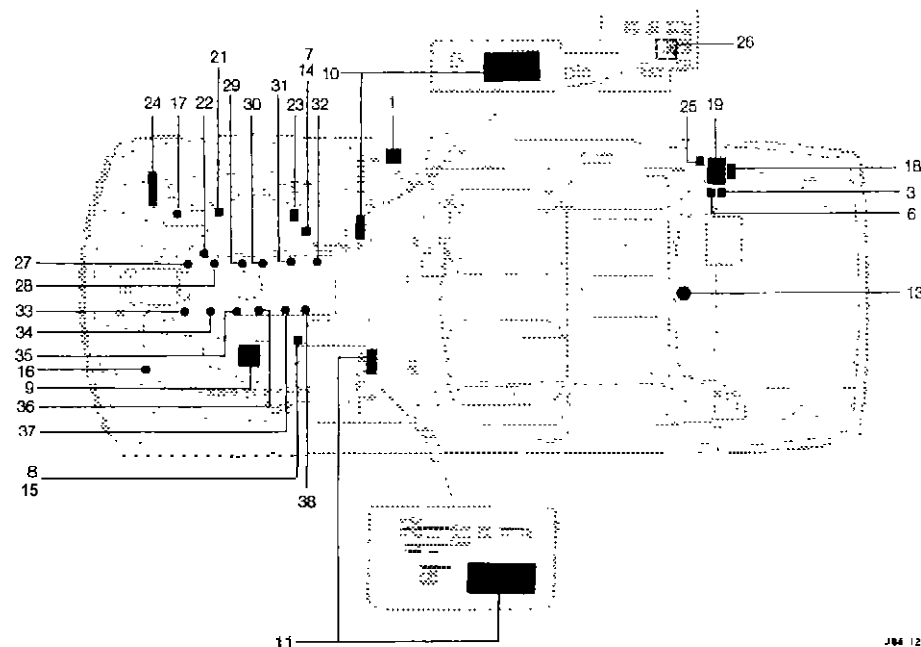




## PI SYSTEM (5.3 LITRE)

### KEY TO CIRCUIT COMPONENTS

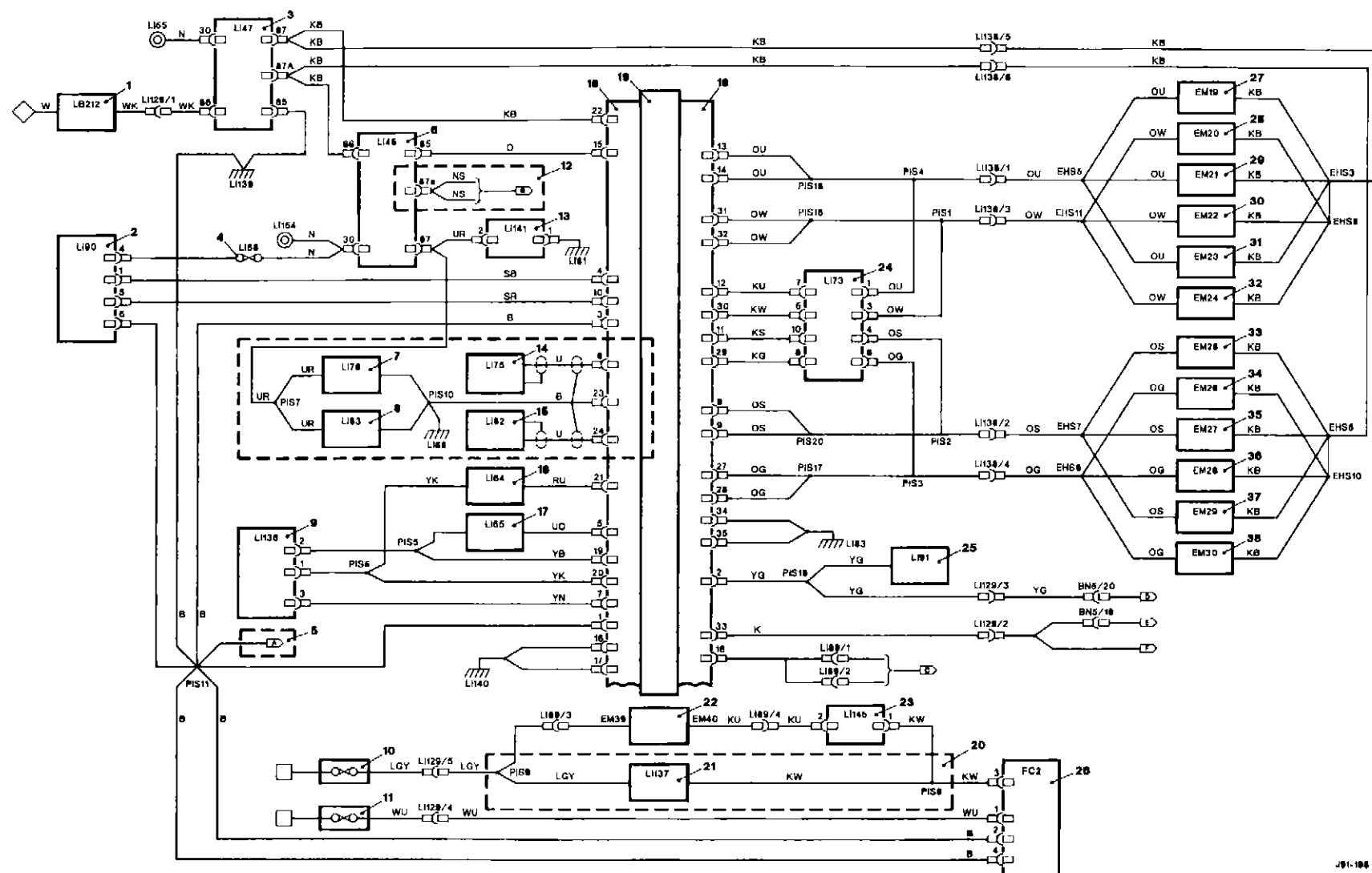
- |    |   |
|----|---|
| 1  | Inertia switch LB212                                |
| 2  | Diagnostic connector LI90                           |
| 3  | Main PI relay LI47                                  |
| 4  | In-line fuse LI88                                   |
| 5  | Connection on non-cat system only                   |
| 6  | Fuel pump relay LI46                                |
| 7  | A bank lambda heater LI76 (Cat system only)         |
| 8  | B bank lambda heater LI63 (Cat system only)         |
| 9  | Throttle pot LI136                                  |
| 10 | Fuse 10, R.H.Fusebox LB268                          |
| 11 | Fuse 10, L.H.Fusebox LB263                          |
| 12 | Connection on non-cat system only                   |
| 13 | Fuel pump LI141                                     |
| 14 | A bank lambda sensor LI75 (Cat system only)         |
| 15 | B bank lambda sensor LI62 (Cat system only)         |
| 16 | Air temperature sensor LI64                         |
| 17 | Water temperature sensor LI65                       |
| 18 | Connector to PI E.C.U.                              |
| 19 | PI E.C.U. LI45                                      |
| 20 | Arrangement for Cat system only                     |
| 21 | 3-way solenoid vacuum valve LI137 (Cat system only) |
| 22 | Fuel rail temperature switch                        |
| 23 | Vacuum valve (hot start) LI145                      |
| 24 | Ballast resistors LI73                              |
| 25 | Fuel failure code reset LI91                        |
| 26 | Fuel control timer FC2                              |
| 27 | 1A injector EM19                                    |
| 28 | 2A injector EM20                                    |
| 29 | 3A injector EM21                                    |
| 30 | 4A injector EM22                                    |
| 31 | 5A injector EM23                                    |
| 32 | 6A injector EM24                                    |
| 33 | 1B injector EM25                                    |
| 34 | 2B injector EM26                                    |
| 35 | 3B injector EM27                                    |
| 36 | 4B injector EM28                                    |
| 37 | 5B injector EM29                                    |
| 38 | 6B injector EM30                                    |



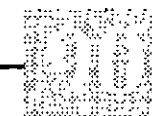
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | to engine management system, FC1/3 (non-cat system only)       |
| B | to engine management system FC1 & CL4<br>(non-cat system only) |
| C | to engine management E.C.U.                                    |
| D | to trip computer   |
| E | to trip computer   |
| F | engine ok - to LB246/11  |

### PI SYSTEM (5.3 LITRE)



J51-100





## MANUAL GEARBOX

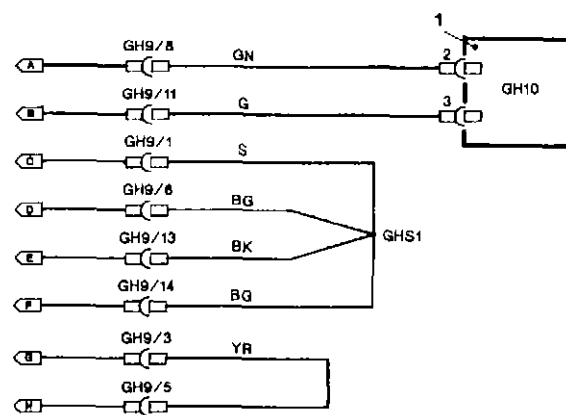
### KEY TO CIRCUIT COMPONENTS

- 1 Reverse light switch GH10

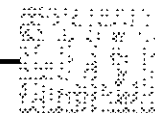
### CONNECTIONS TO OTHER CIRCUITS

- A Reverse lights circuit  
B Reverse lights circuit  
C Gearbox warning relay RB/LB280/85  
D to engine/PI circuit  
E Logic earth RB/LB161  
F to engine/PI circuit  
G to cruise control circuit CC3/8  
H to **stop** light switch RB/LB167/1

## MANUAL GEARBOX



J91 206







### AUTOMATIC GEARBOX

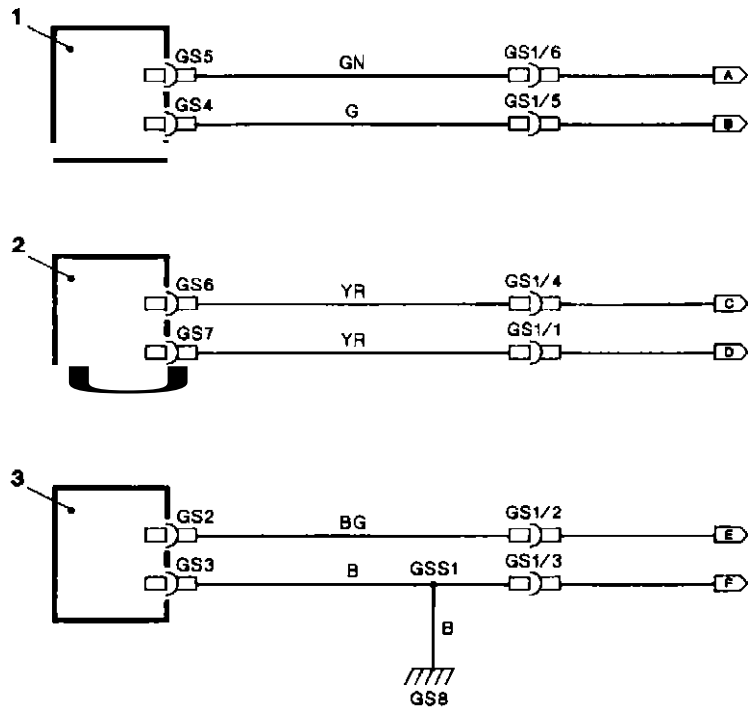
#### KEY TO CIRCUIT COMPONENTS

- |   |                              |
|---|------------------------------|
| 1 | Reverse lights switch        |
| 2 | Speed control inhibit switch |
| 3 | Start inhibit switch         |

#### CONNECTIONS TO OTHER CIRCUITS

- |   |                                 |
|---|---------------------------------|
| A | Reverse lights circuit          |
| B | Reverse lights circuit          |
| C | to stop light switch RBLB167/1  |
| D | to cruise control circuit CC3/8 |
| E | Logic earth RB/LB161            |
| F | Earth                           |

AUTOMATIC GEARBOX



J91-205



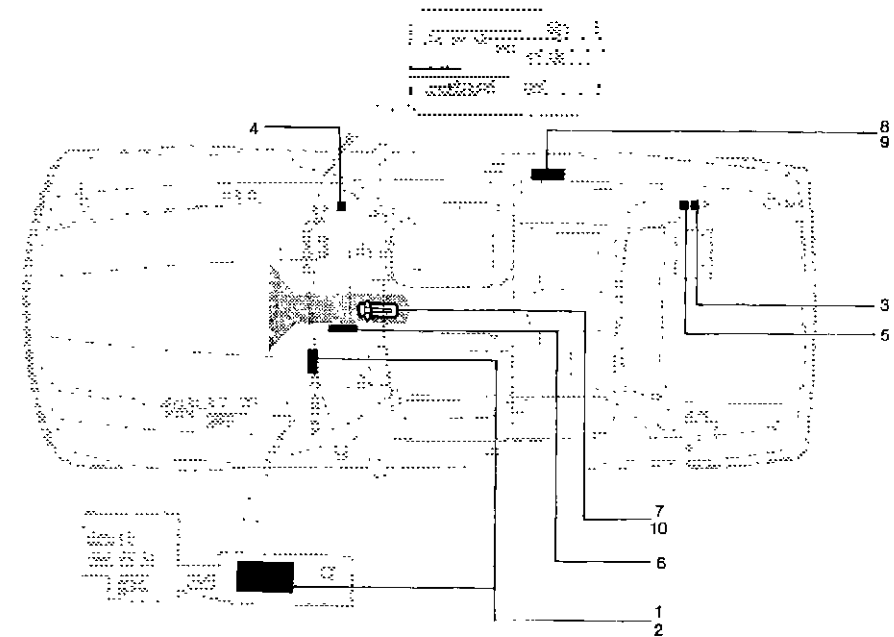
## ELECTRONIC GEARBOX

### KEY TO CIRCUIT COMPONENTS

- |    |  |
|----|--|
| 1  | Fuse 10 (L.H. fusebox)                               |
| 2  | Fuse 21 (L.H. fusebox)                               |
| 3  | Gearbox power relay GH4                              |
| 4  | Kickdown switch LB166                                |
| 5  | Reversing lights relay GH3                           |
| 6  | Mode switch GH6                                      |
| 7  | Gearbox – gear selector switch & part connector GH7  |
| 8  | Gearbox ECU connector GH5                            |
| 9  | Gearbox ECU  |
| 10 | Gearbox – gear select solenoids & part connector GH7 |

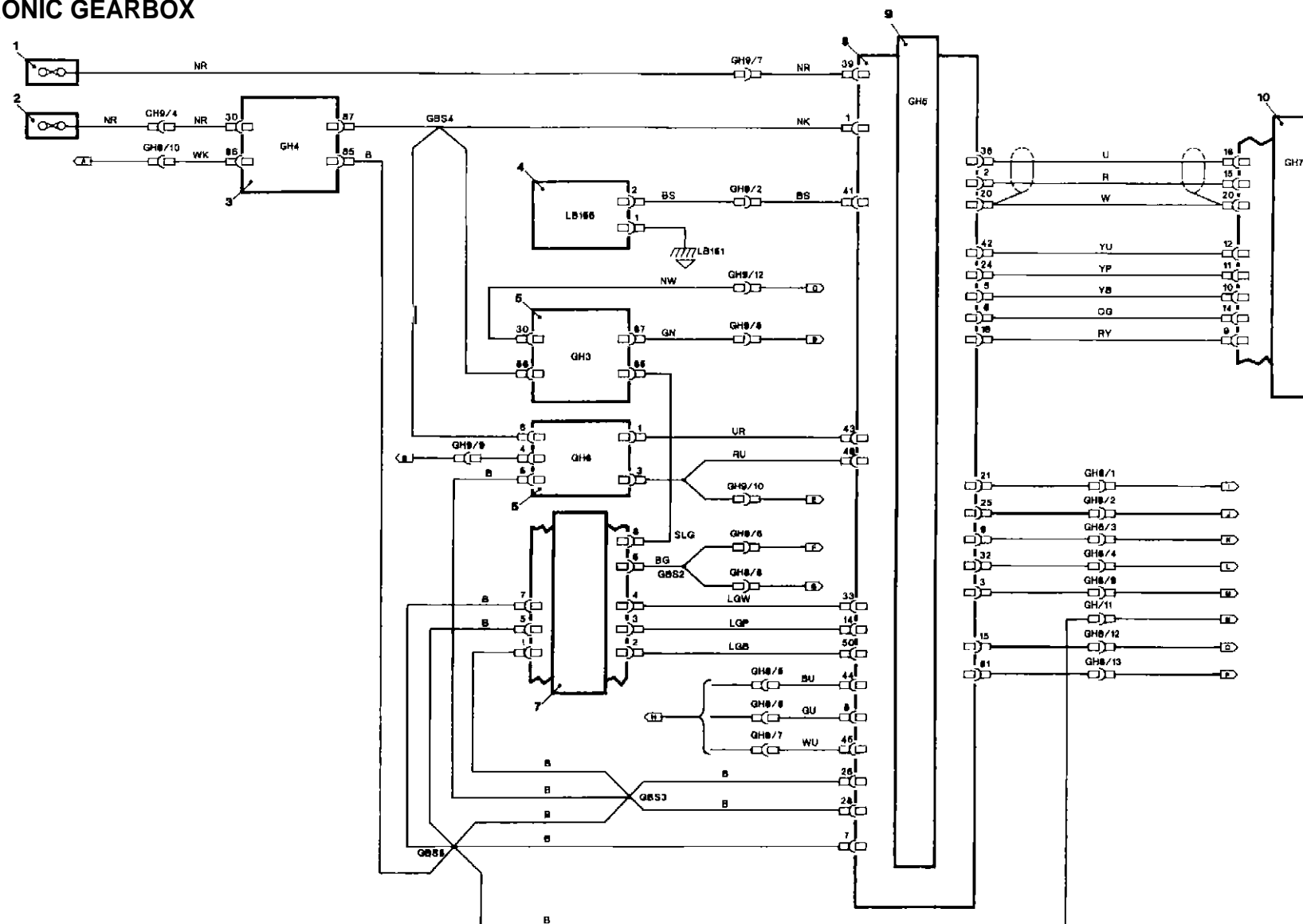
### CONNECTIONS TO OTHER CIRCUITS

- |   |  |
|---|--|
| A | Gearbox on control, from PI system                 |
| B | Mode switch illumination, from BHS-48              |
| C | Reverse lights, via RH161/18                       |
| D | Reverse lights, via BHS-46                         |
| E | Sports mode indication, to instrument pack LB246/5 |
| F | In drive, to BHS-49                                |
| G | In drive, to PI system                             |
| H | Throttle position, from PI system                  |
| I | Load signal, to PI system                          |
| J | Up/down signal, to PI system                       |
| K | Catalyst pin code, from PI system                  |
| L | Ignition retard signal, to PI system               |
| M | Engine speed signal, from PI system                |
| N | Ground, to PI system                               |
| O | Diagnostic 'L' line, to PI system                  |
| P | Diagnostic 'K' line, to PI system                  |



J06 1103

# ELECTRONIC GEARBOX



J91-183



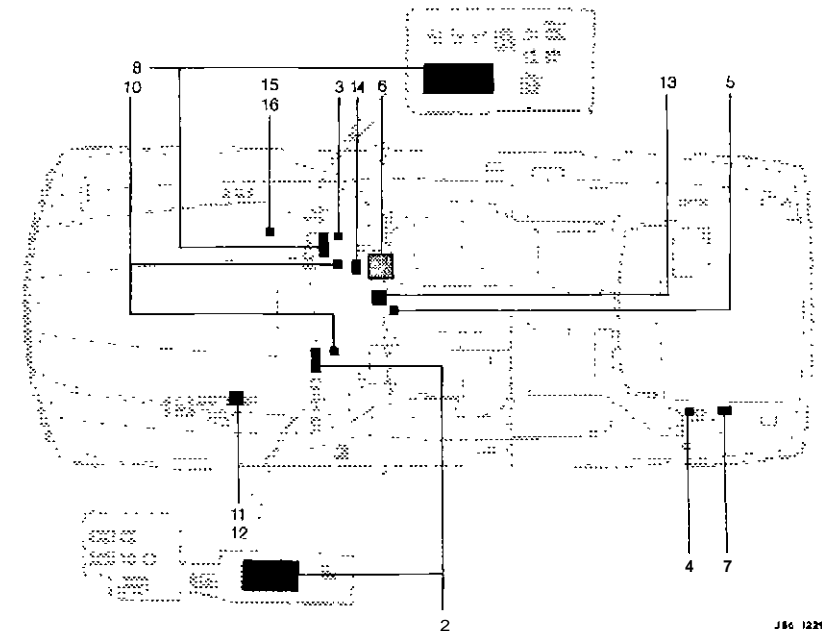
## CRUISE CONTROL

### KEY TO CIRCUIT COMPONENTS

- 1 Ignition switch LB/RB202
- 2 Fuse 2 (RH fusebox – LH drive/  
LH fusebox – RH drive)
- 3 Brake pedal switches LB/RB167
- 4 Stop light relay RH113
- 5 Cruise control inhibit switch  
(automatic transmission only)
- 6 Link (manual transmission only)
- 7 Electronic control unit CC2
- 8 Speed interface unit RH114
- 9 Fuse 16 (LH fusebox – LH drive/  
RH fusebox RH drive)
- 10 PI harness connector LI134
- 11 Speed warning circuit connector  
LB/RB211 (Saudi Arabia) / XT7 (Japan)
- 11 Cruise control pump LF16
- 12 Speed control dump valve LF13
- 13 Cruise control switch CC1
- 14 Lighting switch LL30
- 15 Clutch switch (leftforward harness–LH drive only)
- 16 Clutch switch (rightforward harness–manual  
transmission and RH drive vehicles only)

### CONNECTIONS TO OTHER CIRCUITS

- A To instrument pack LB/RB248/10
- B To trip computer BN3/4
- C To reversing light switch (manual gearbox only)
- D To trip computer BN3/6



[illegible]

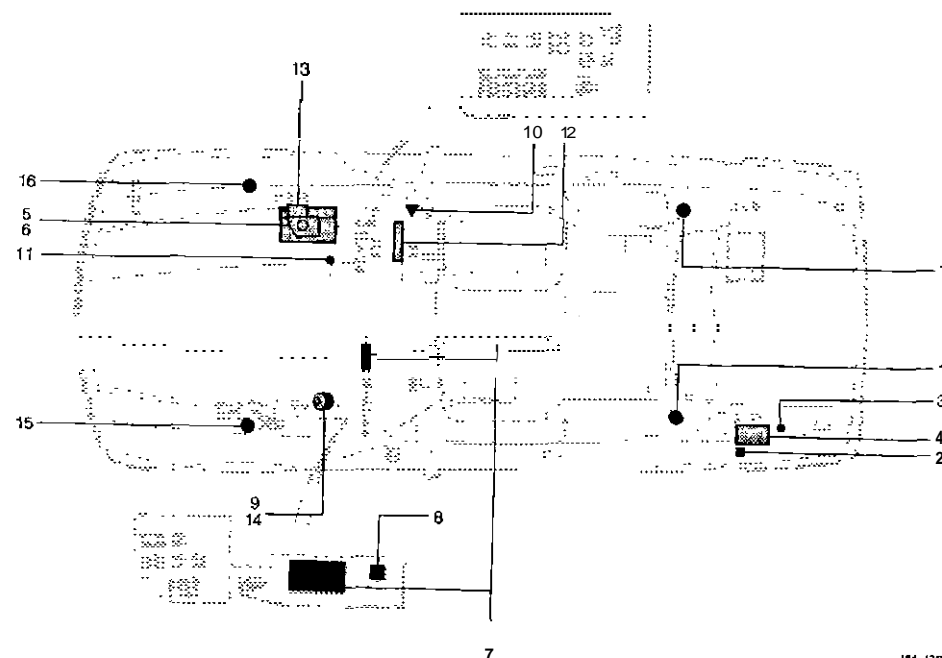
90.5.9 - 1



## ANTI-LOCK BRAKE SYSTEM

### KEY TO CIRCUIT COMPONENTS

- |    |   |
|----|---|
| 1  | Fuse 11 (RH fusebox-LH drive/<br>LH fusebox RH drive)       |
| 2  | <b>ABS</b> main relay ( <b>ABS16</b> )                      |
| 3  | Diagnostic connector ( <b>ABS2</b> )                        |
| 4  | Electronic control unit-ECU ( <b>ABS1</b> )                 |
| 5  | Main valve ( <b>ABS9</b> )                                  |
| 6  | Valve block ( <b>ABS8</b> )                                 |
| 7  | Fuse 22 (RH fusebox LH drive/<br>LH fusebox RH drive)       |
| 8  | <b>ABS</b> pump relay ( <b>LB-RB144</b> )                   |
| 9  | <b>ABS</b> pump motor ( <b>ABS14</b> )                      |
| 10 | Ignition switch ( <b>LB-RB202</b> )                         |
| 11 | Battery post <b>LB-RB192</b> )                              |
| 12 | Brake warning lamp (instrument pack<br><b>LB-RB246/16</b> ) |
| 13 | <b>ABS</b> reservoir ( <b>ABS7</b> )                        |
| 14 | <b>ABS</b> accumulator ( <b>ABS15</b> )                     |
| 15 | LH front brake pad sensor <b>ABS6</b>                       |
| 16 | RH front brake pad sensor <b>ABS11</b>                      |
| 17 | LH rear brake pad sensor <b>ABS5</b>                        |
| 18 | RH rear brake pad sensor <b>ABS4</b>                        |



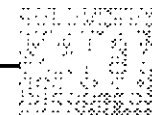
J86 1204

### CONNECTIONS TO OTHER CIRCUITS

- |   |   |
|---|---|
| A | To bulb check unit <b>LB174</b>                             |
| B | To instrument pack (brake light) <b>LB246/1</b>             |
| C | To instrument pack (anti lock failure lamp) <b>LB247/18</b> |
| D | To stop lights circuit                                      |

## INDEX TO HARNESES — Continued

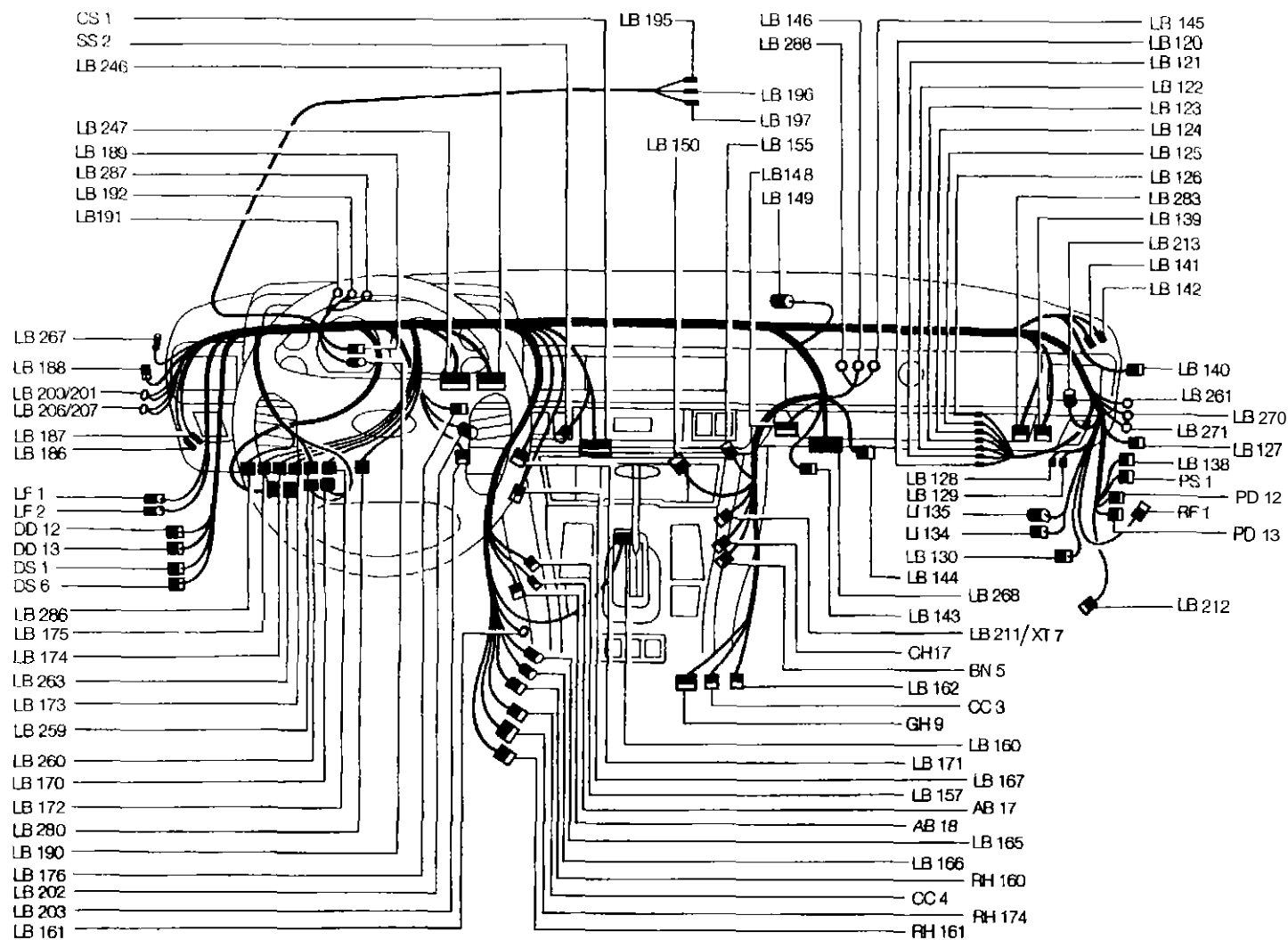
LEFT FORWARD HARNESS (4.0 LITRE)	90.8.2 - 1
LEFT FORWARD HARNESS (5.3 LITRE)	90.8.2 - 2
PI HARNESS (5.3 LITRE WITH CATALYTIC CONVERTOR)	90.8.5 - 3
PI HARNESS (5.3 LITRE WITHOUT CATALYTIC CONVERTOR)	90.8.5 - 4
REAR COURTESY LAMP LINK	90.8.17 - 7
REARWARD HARNESS (CONVERTIBLE)	90.8.4 - 2
REARWARD HARNESS (COUPE)	90.8.4 - 1
RIGHT FORWARD HARNESS (4.0 LITRE)	90.8.3 - 1
RIGHT FORWARD HARNESS (5.3 LITRE)	90.8.3 - 2
SEAT BELT WARNING HARNESS	90.8.14 - 3
SEAT HARNESS (DRIVER)	90.8.13 - 1
SEAT HARNESS (PASSENGER)	90.8.13 - 2
SILL HARNESES	90.8.12 - 1



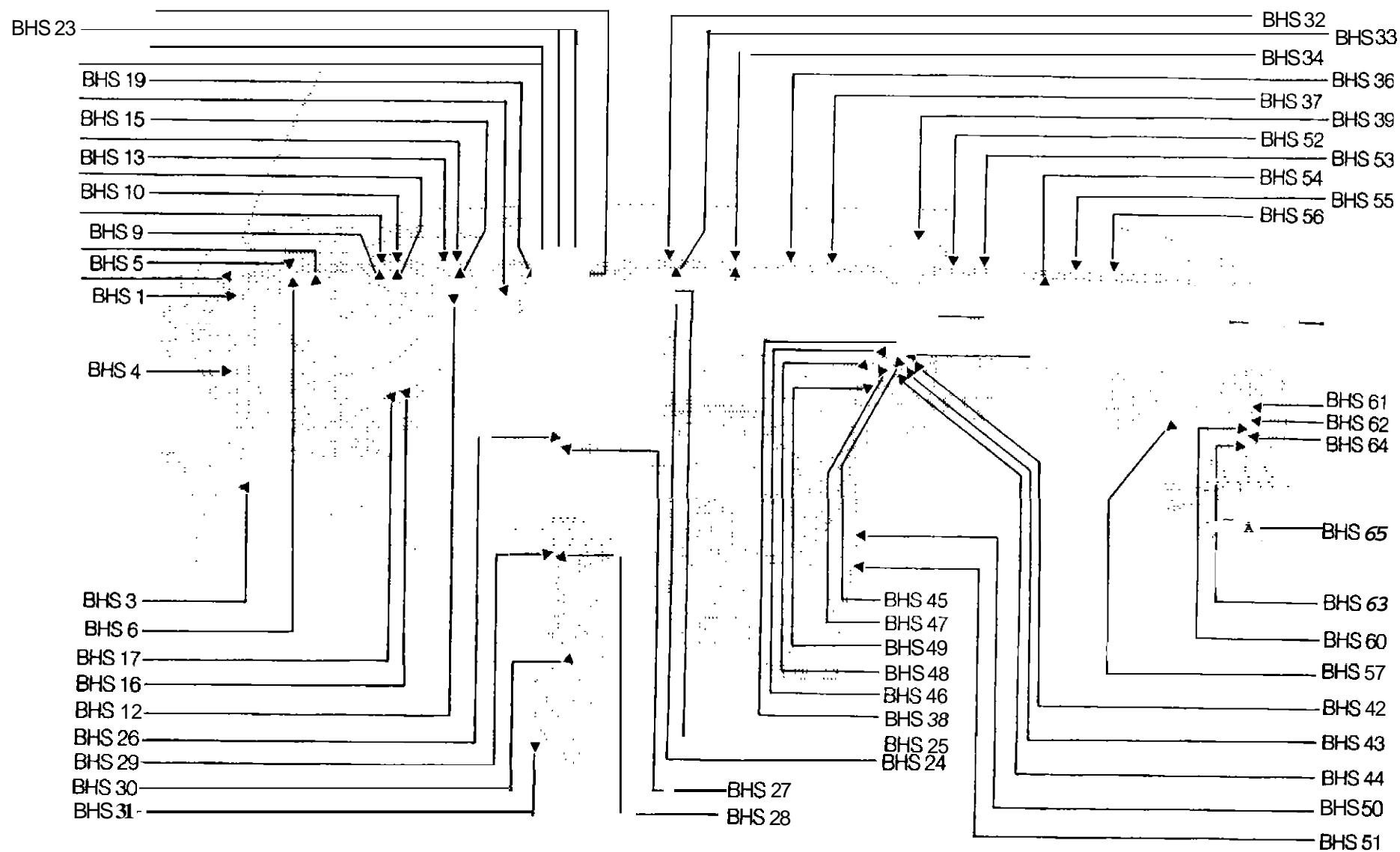




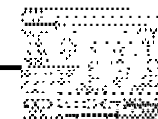
## BULKHEAD HARNESS (4.0 LITRE, LEFT HAND DRIVE) — CONNECTORS

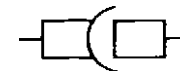


# BULKHEAD HARNESS (4.0 LITRE, LEFT HAND DRIVE) — SPLICES

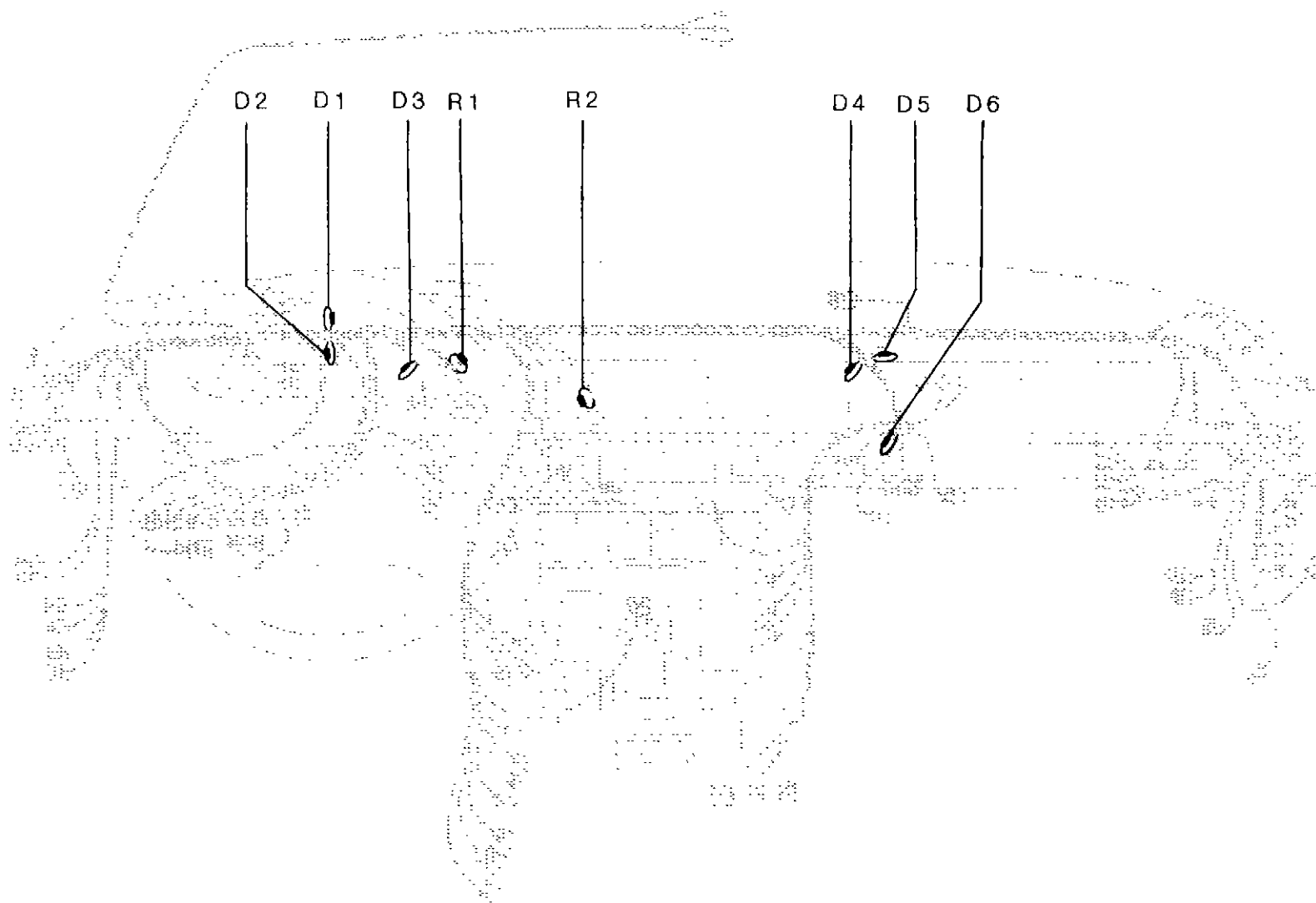


J86 1130

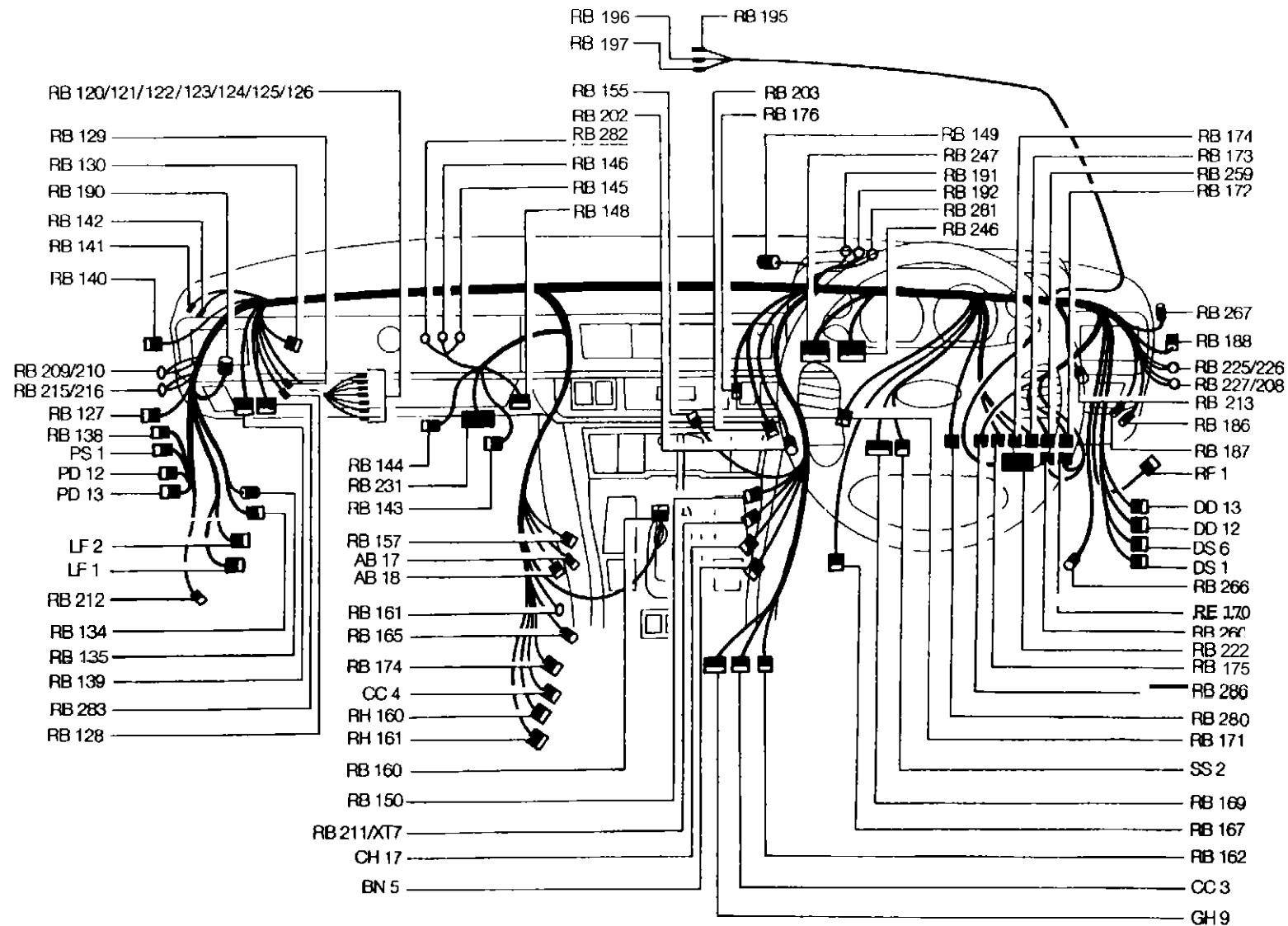




## BULKHEAD HARNESS (4.0 LITRE, LEFT HAND DRIVE) — DIODES & RESISTORS



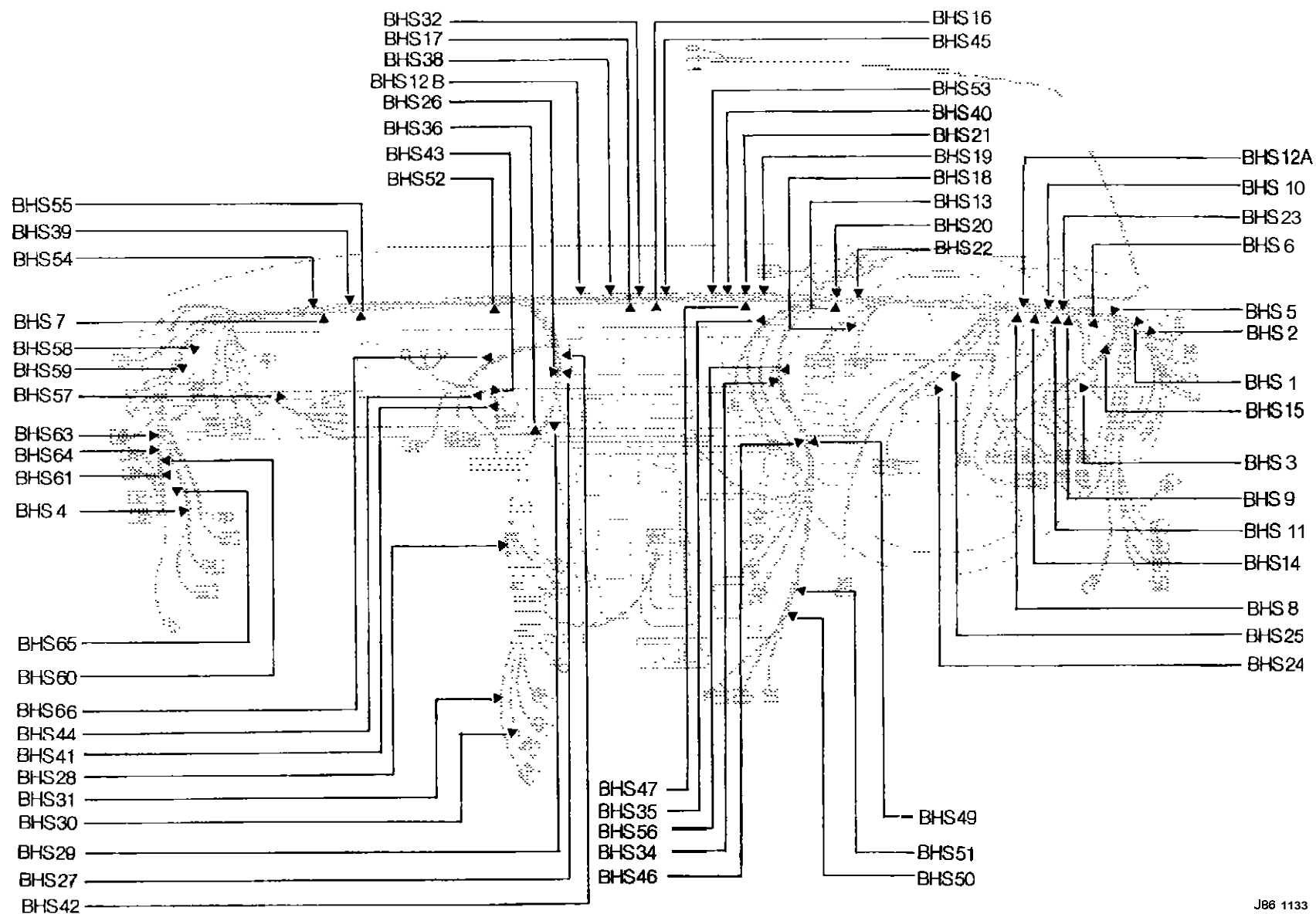
## BULKHEAD HARNESS (4.0 LITRE, RIGHT HAND DRIVE) — CONNECTORS



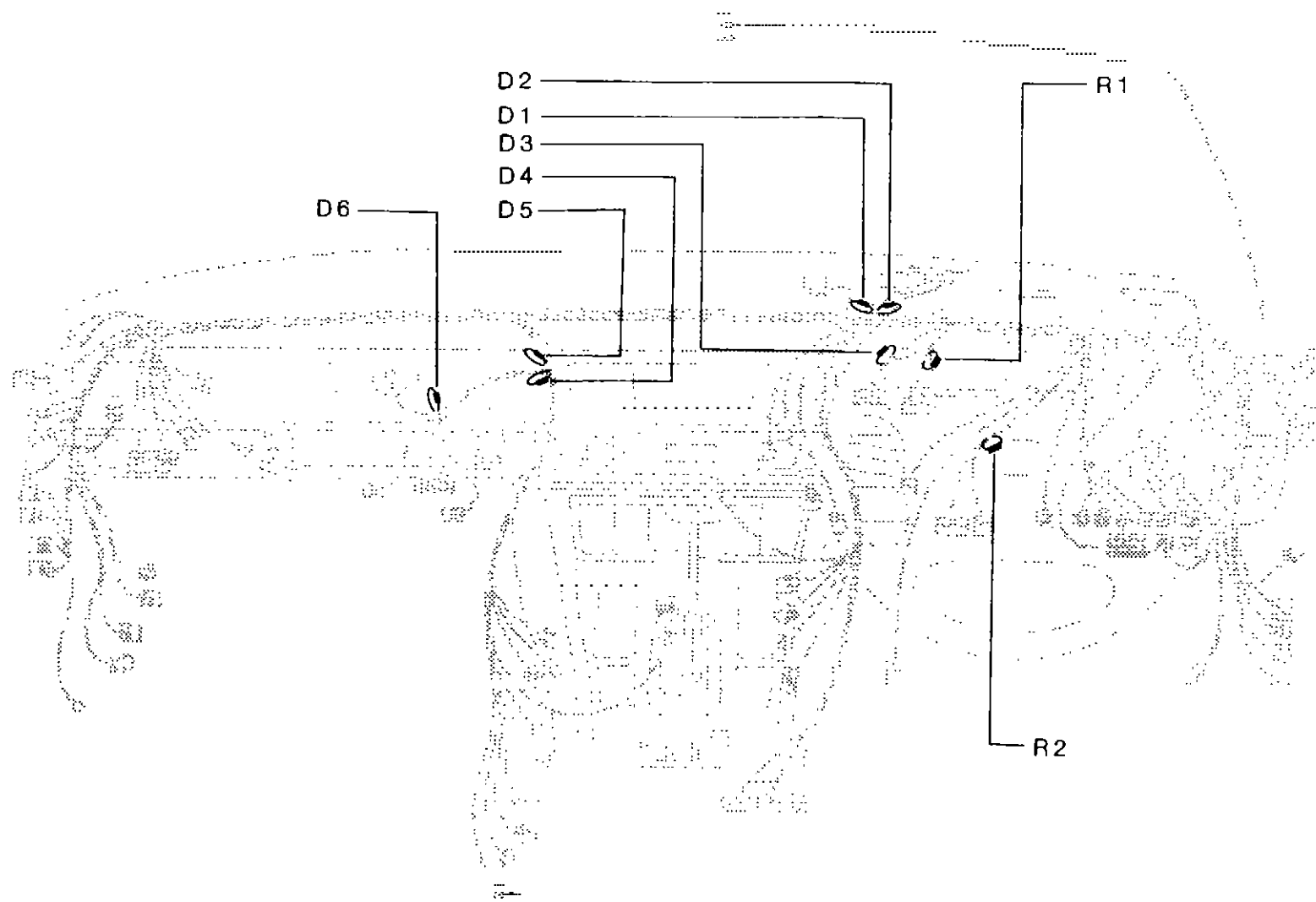
J66 1132



## BULKHEAD HARNESS (4.0 LITRE, RIGHT HAND DRIVE) — SPLICES



## BULKHEAD HARNESS (4.0 LITRE, RIGHT HAND DRIVE) — DIODES & RESISTORS



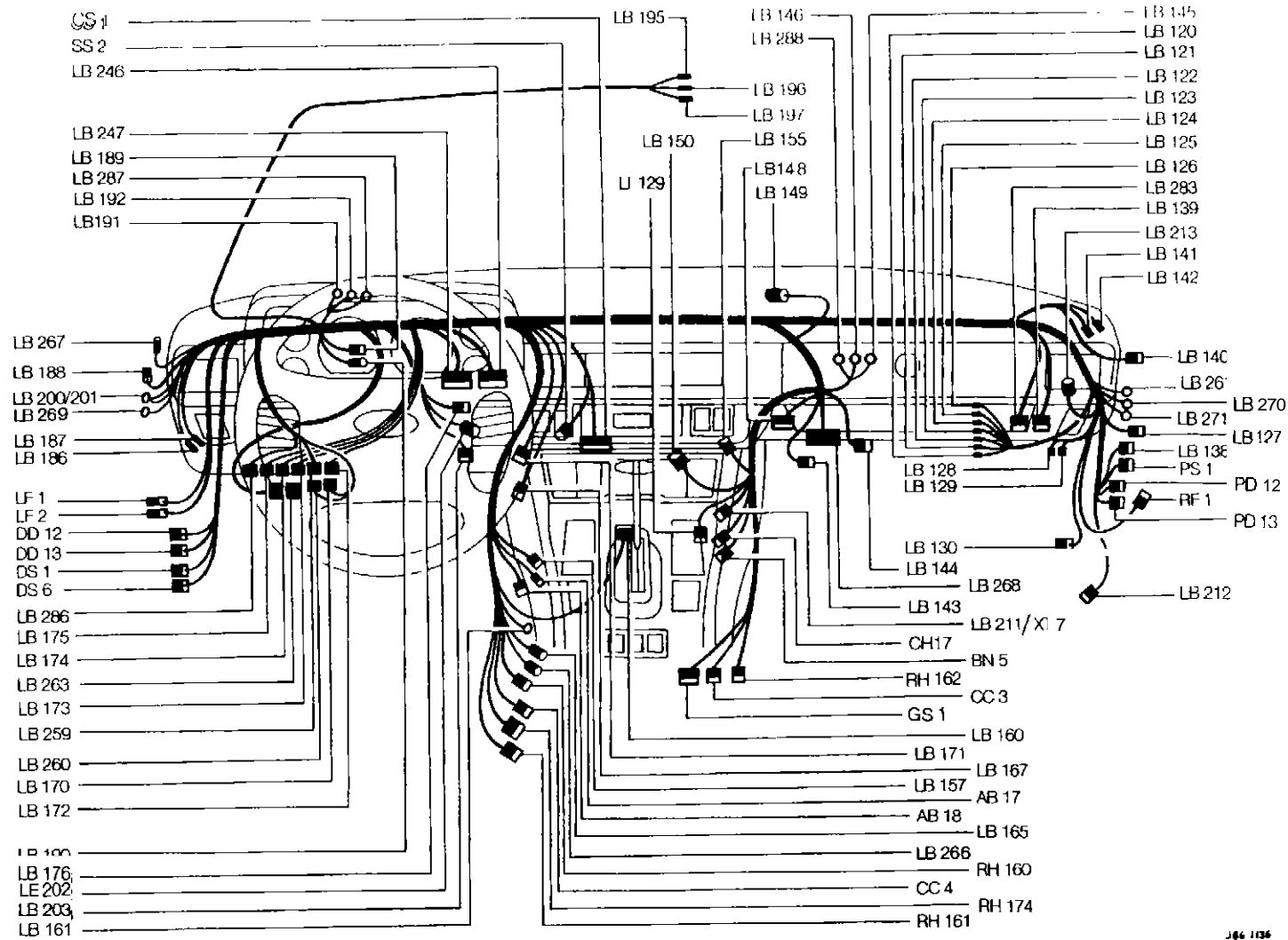
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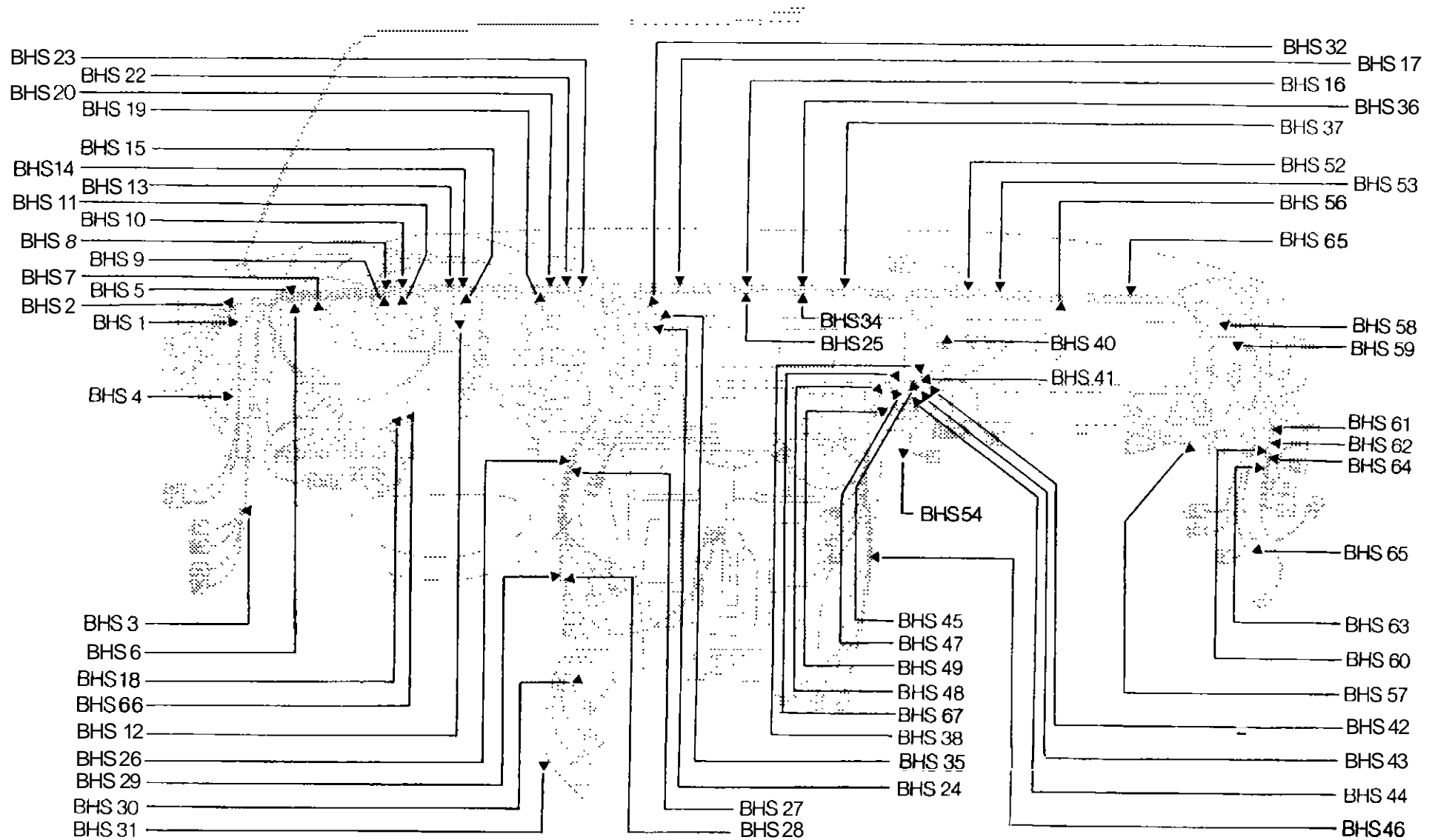
## CIRCUIT DIAGRAMS AND HARNESSSES



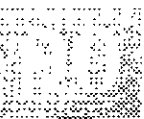
### BULKHEAD HARNESS (5.3 LITRE, LEFT HAND DRIVE) — CONNECTORS



# BULKHEAD HARNESS (5.3 LITRE, LEFT HAND DRIVE) — SPLICES



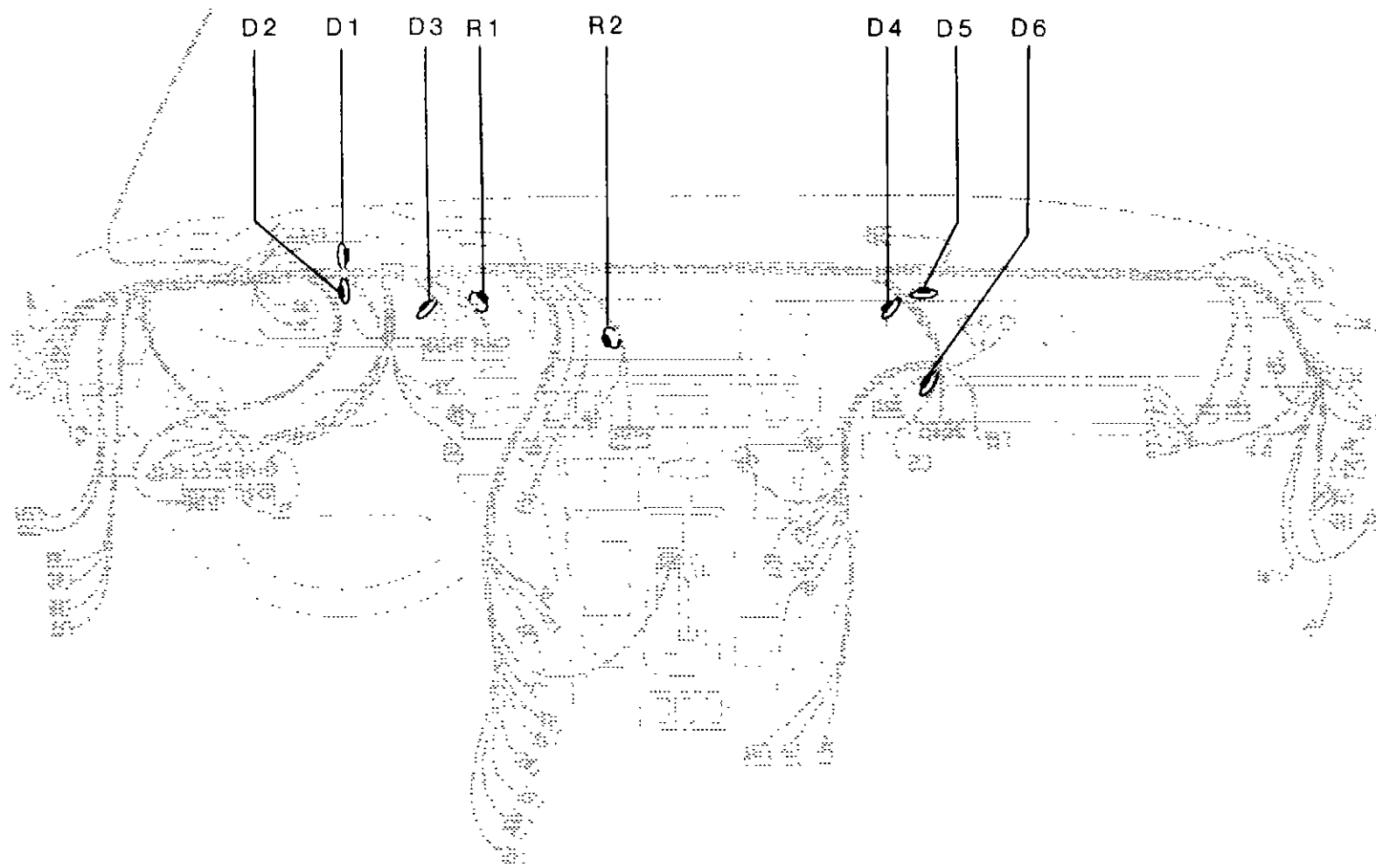
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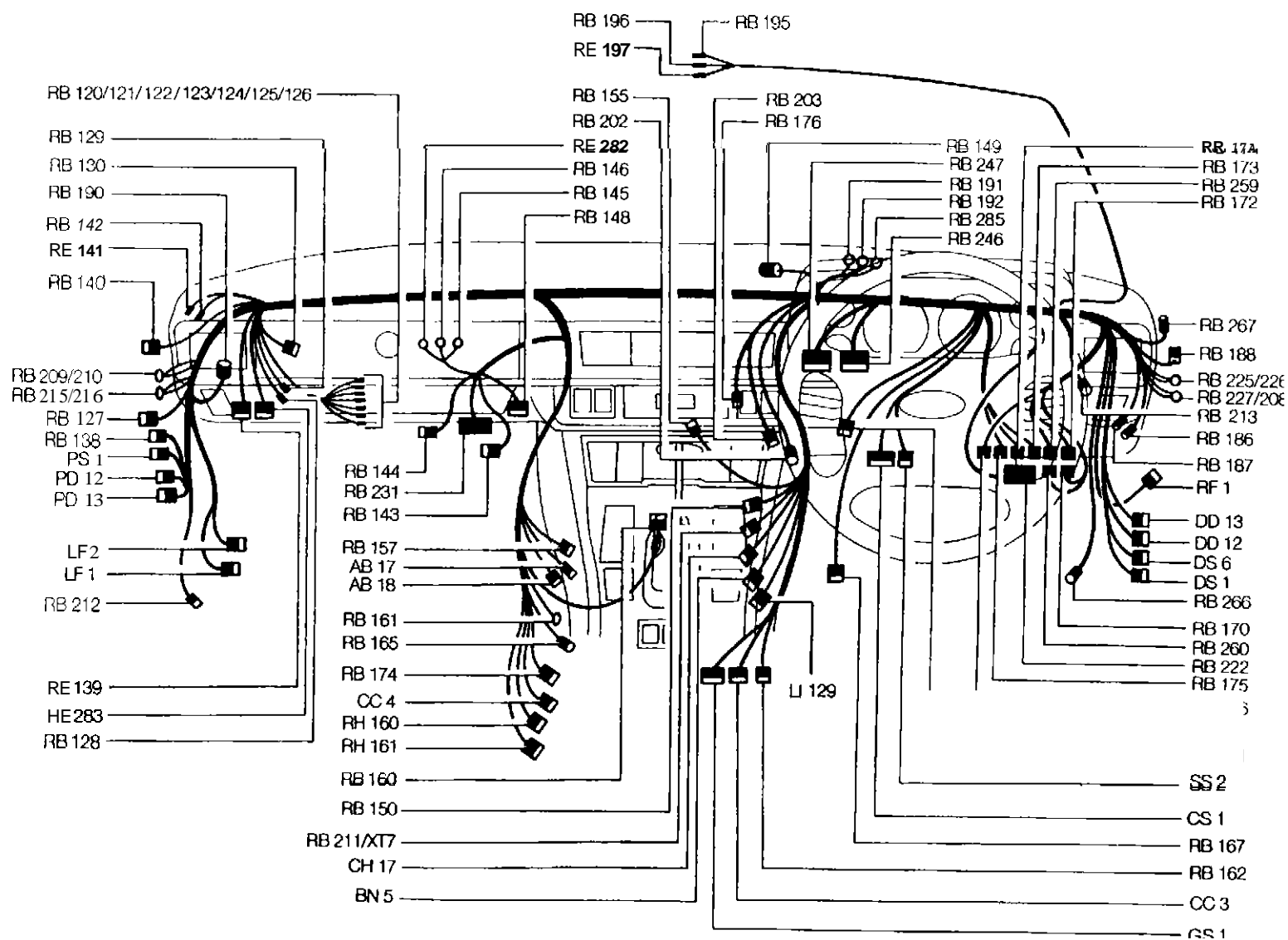




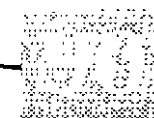
## BULKHEAD HARNESS (5.3 LITRE, LEFT HAND DRIVE) — DIODES & RESISTORS



## BULKHEAD HARNESS (5.3 LITRE, RIGHT HAND DRIVE) — CONNECTORS



J04 11.25

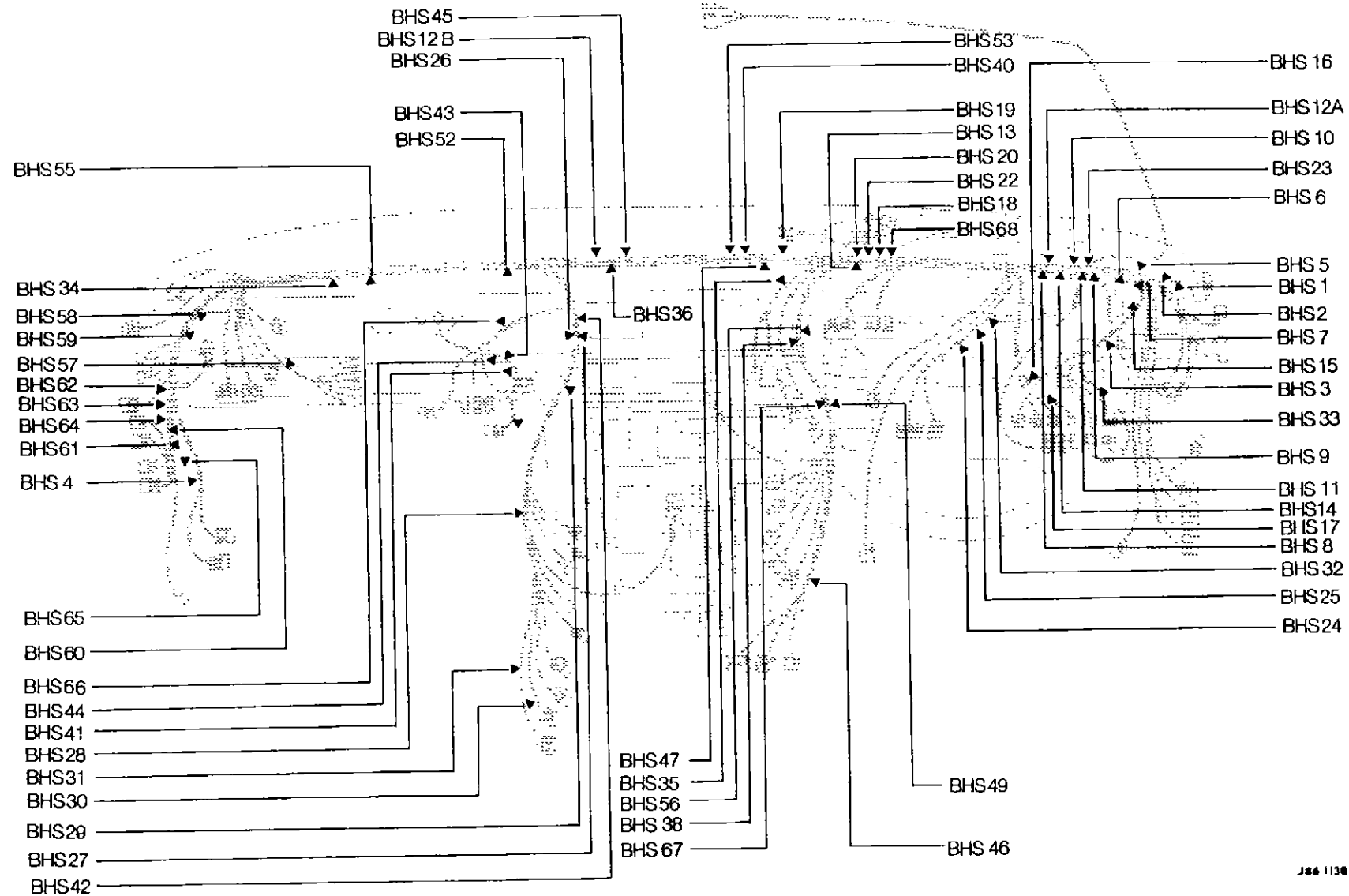




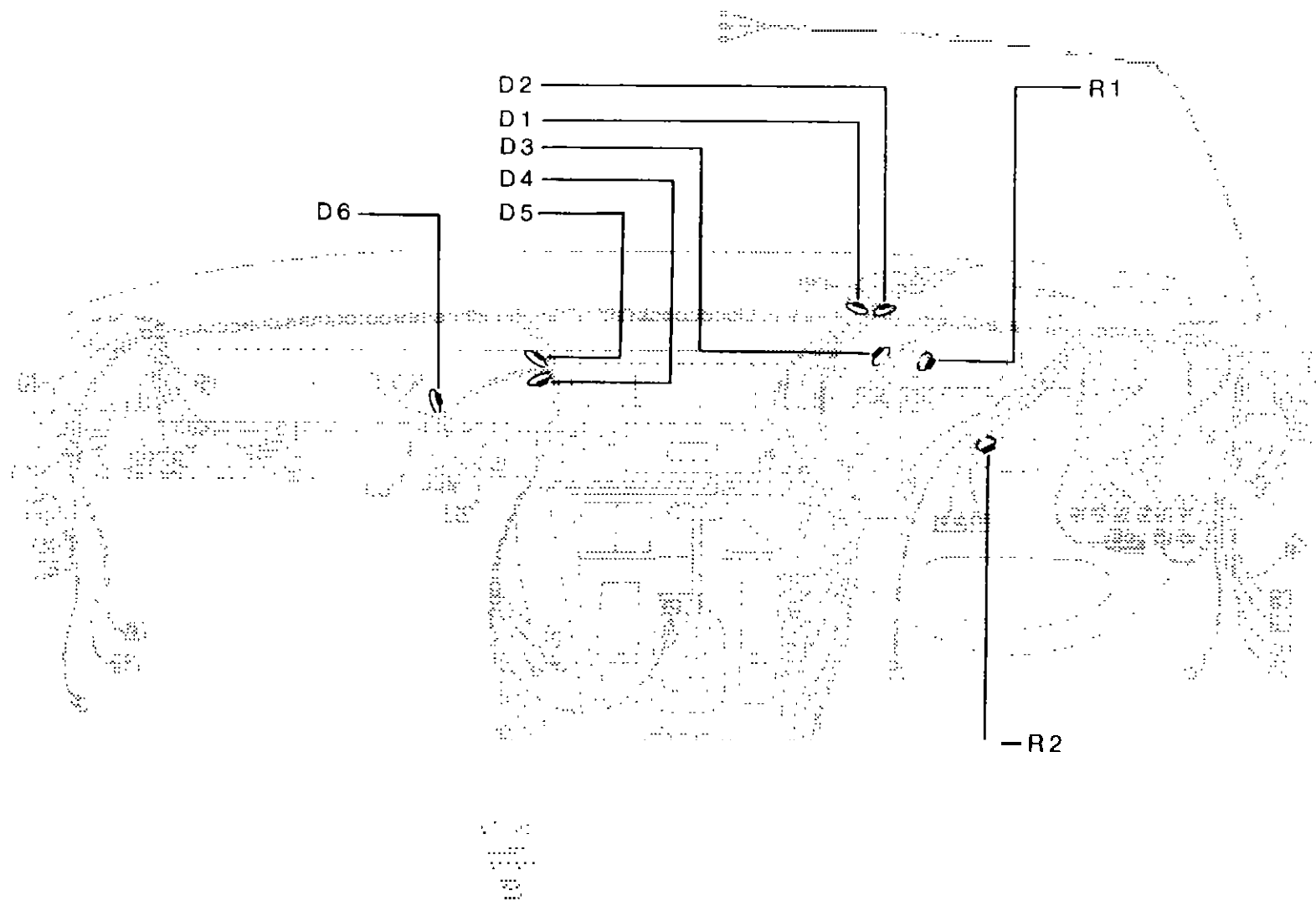
## CIRCUIT DIAGRAMS AND HARNESSSES



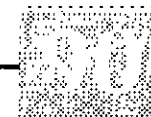
### BULKHEAD HARNESS (5.3 LITRE, RIGHT HAND DRIVE) — SPLICES



## BULKHEAD HARNESS (5.3 LITRE, RIGHT HAND DRIVE) — DIODES & RESISTORS

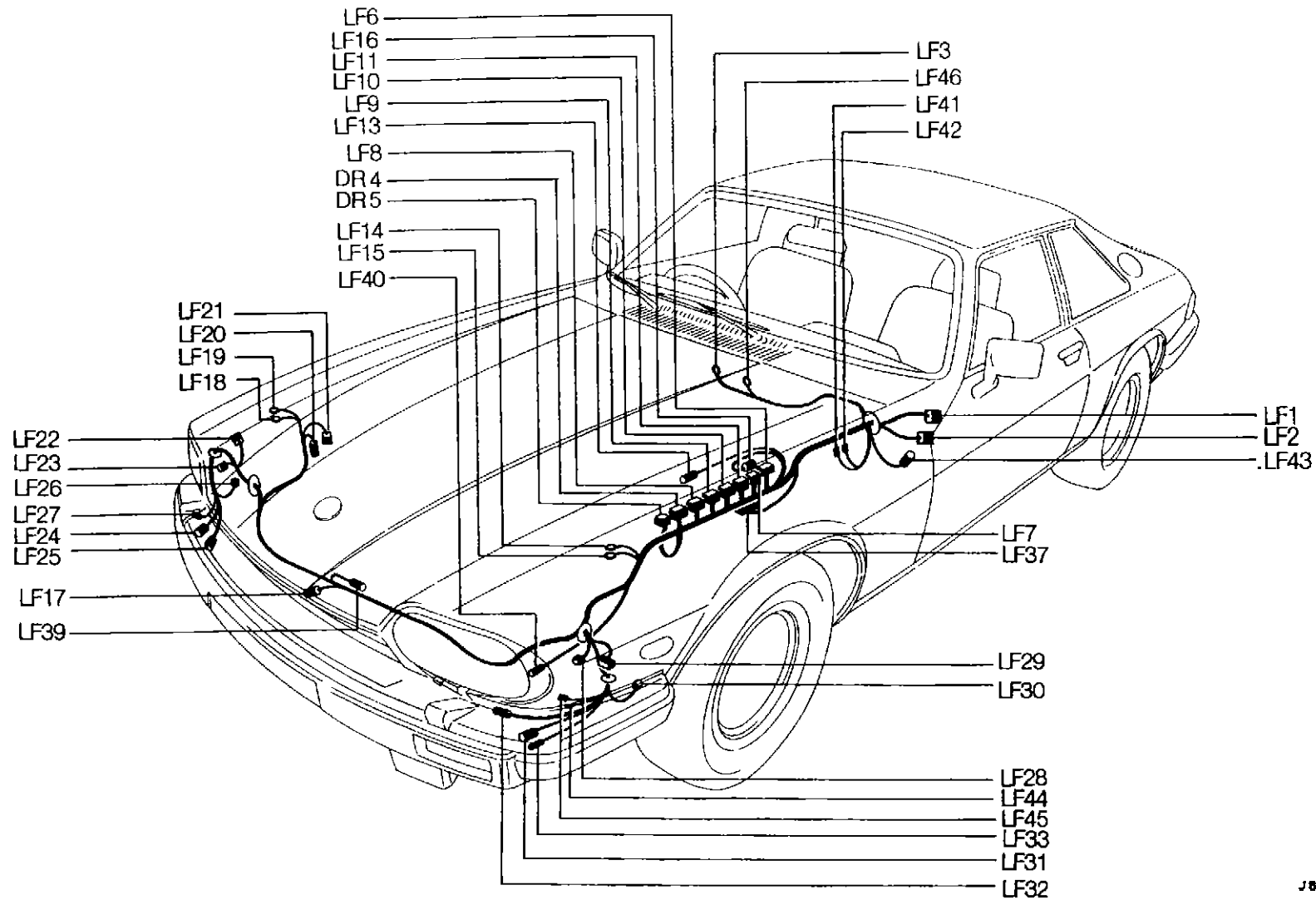


J66 1137

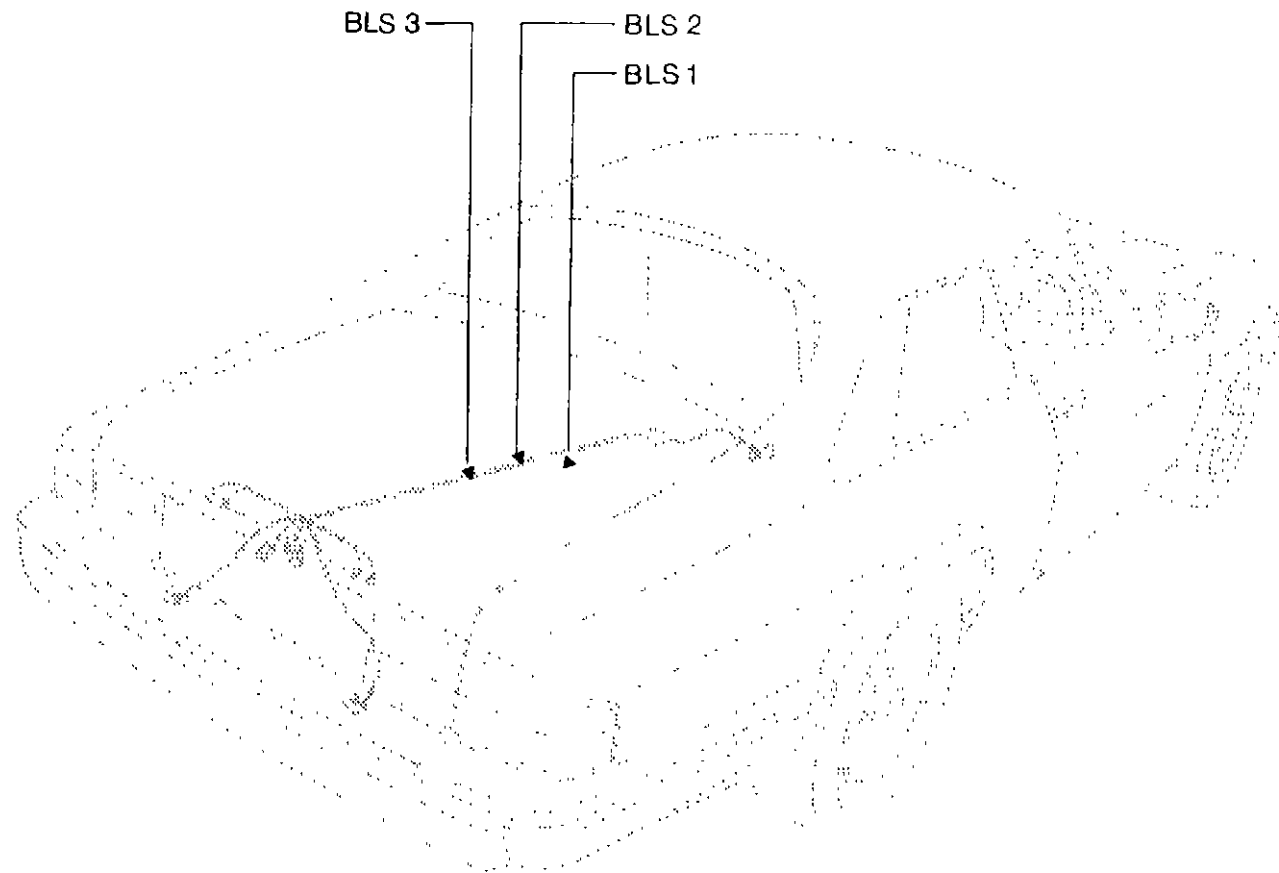




## LEFT FORWARD HARNESS (4.0 LITRE) — CONNECTORS



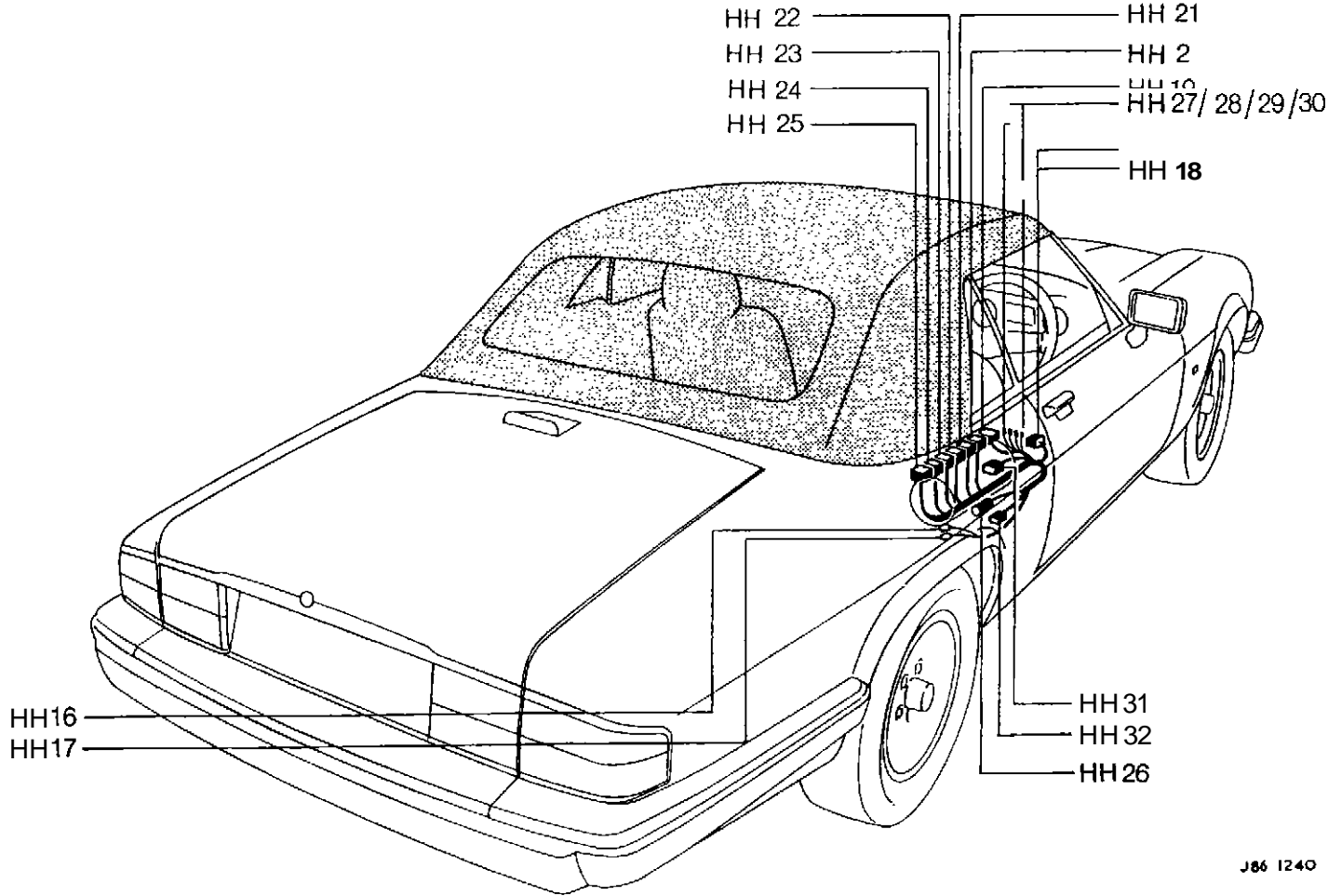
## BOOT LID HARNESS — SPLICES



J04 1200

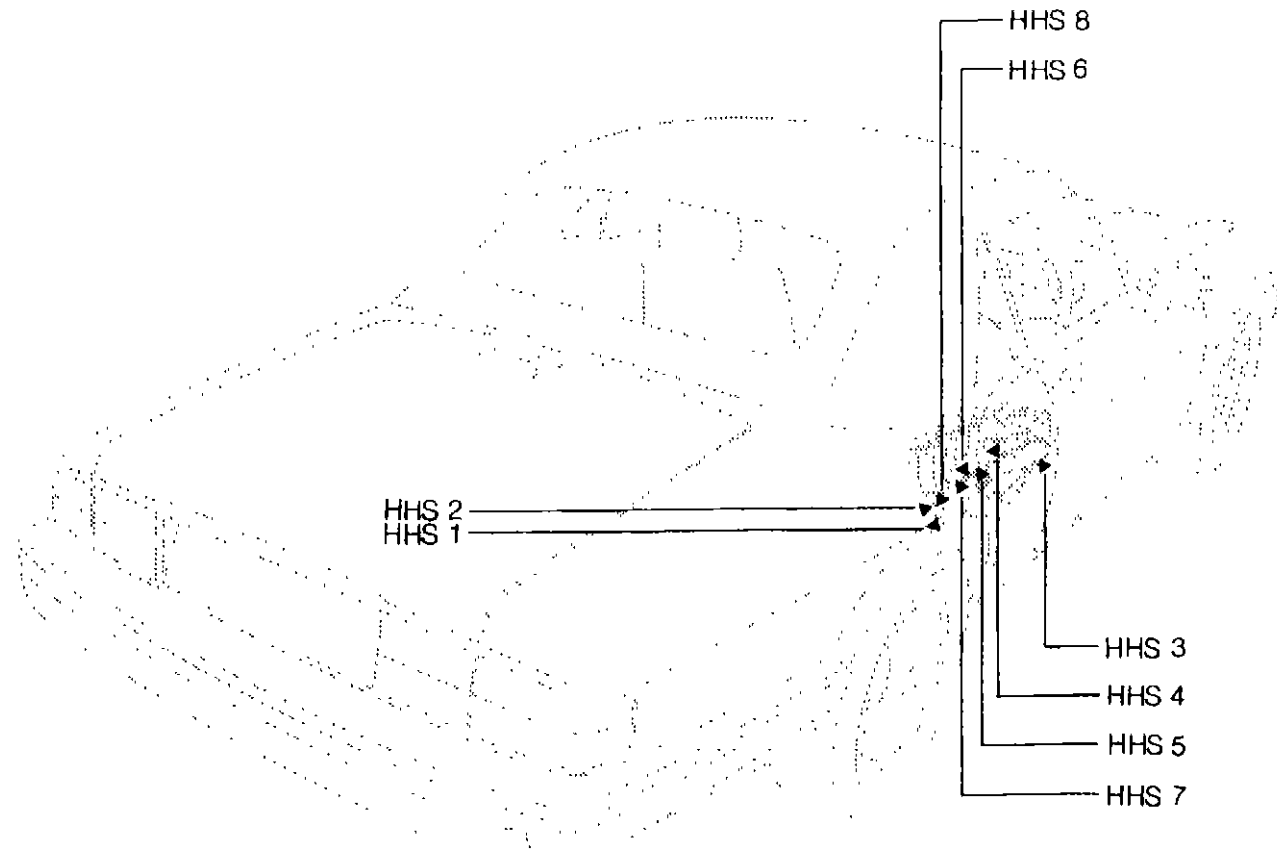


HOOD HARNESS — CONNECTORS



J86 1240

## HOOD HARNESS — SPLICES

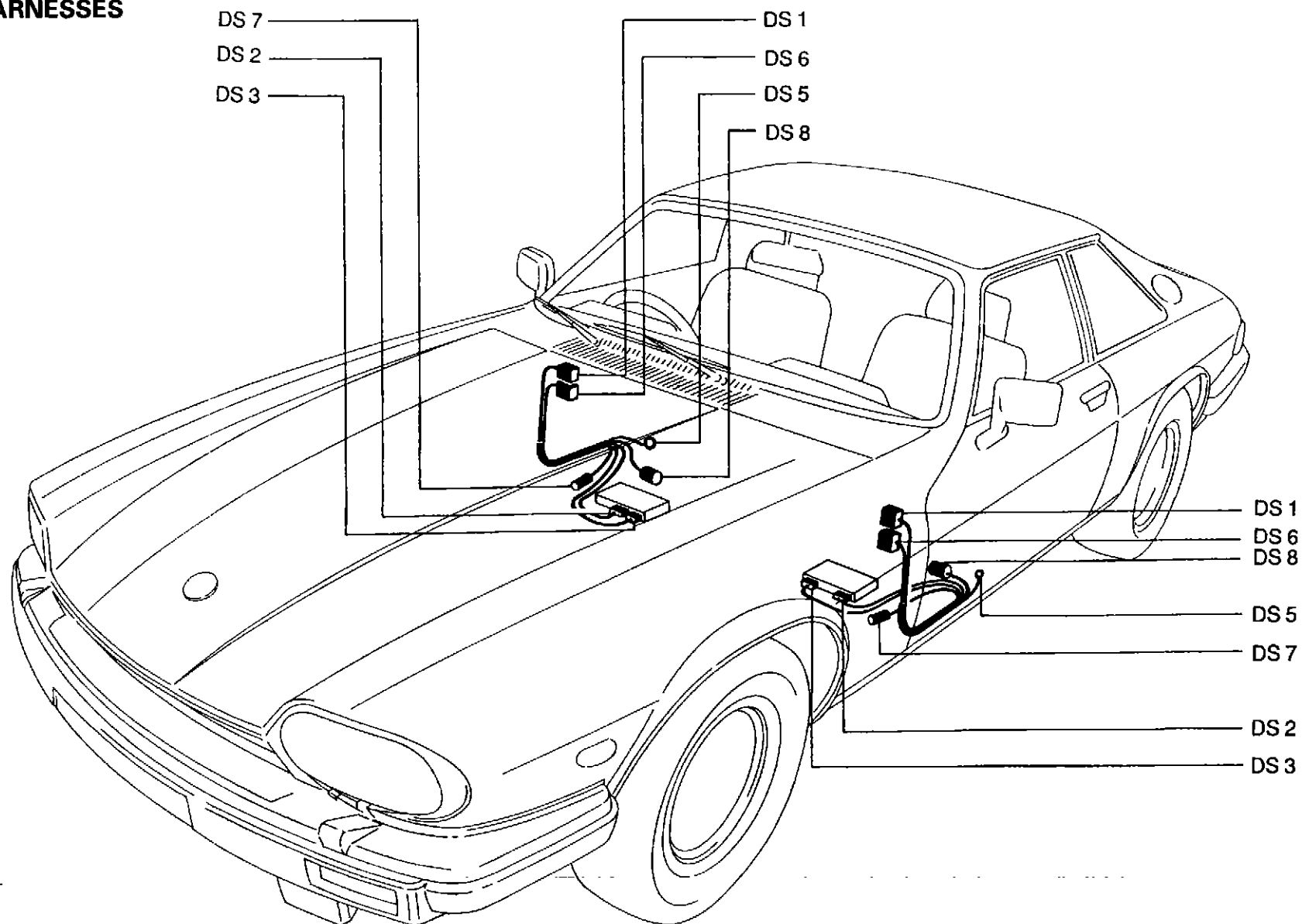


J86 1263



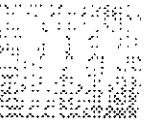


## SILL HARNESSSES



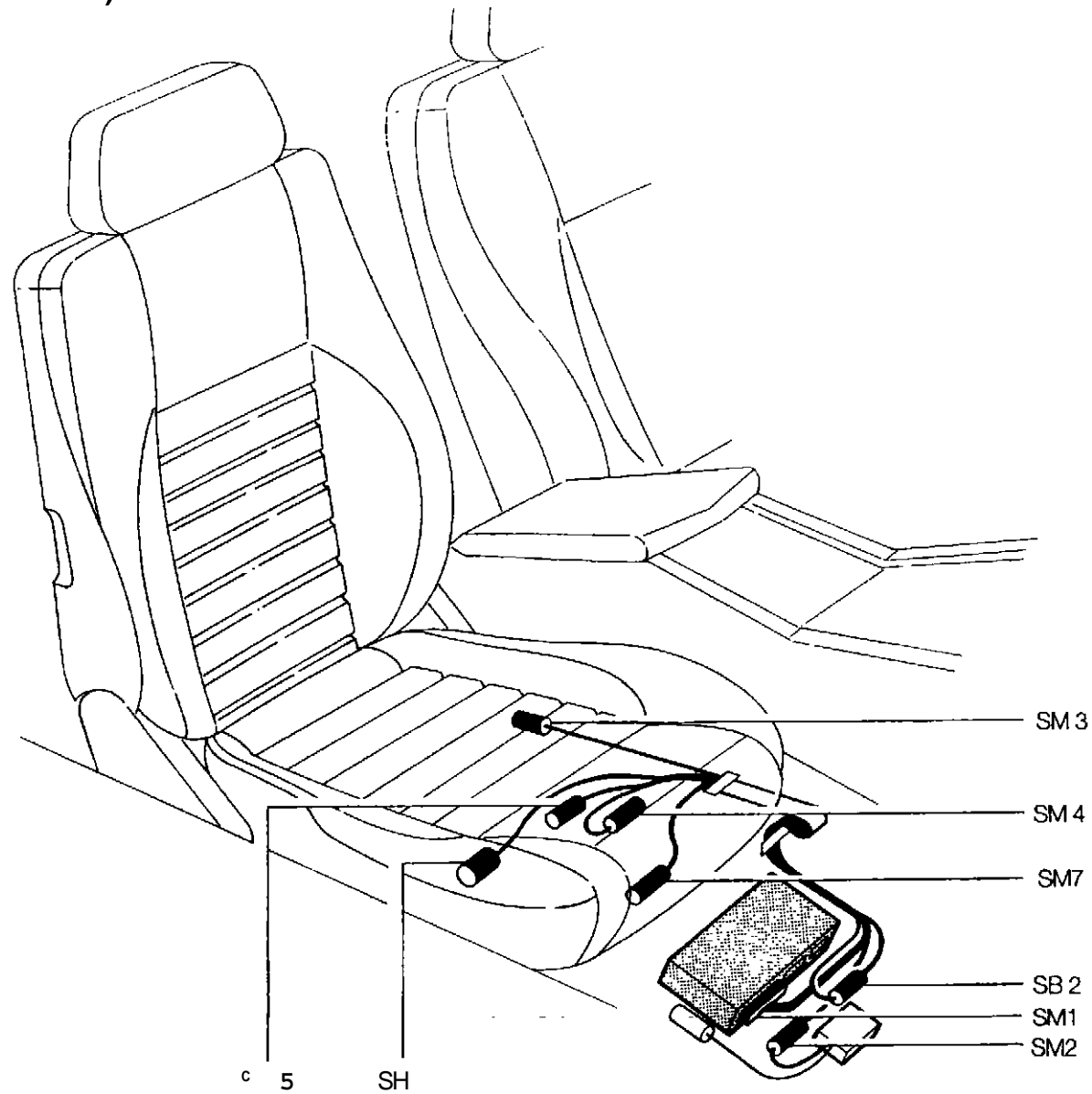
March 91

90.8.12 - 1

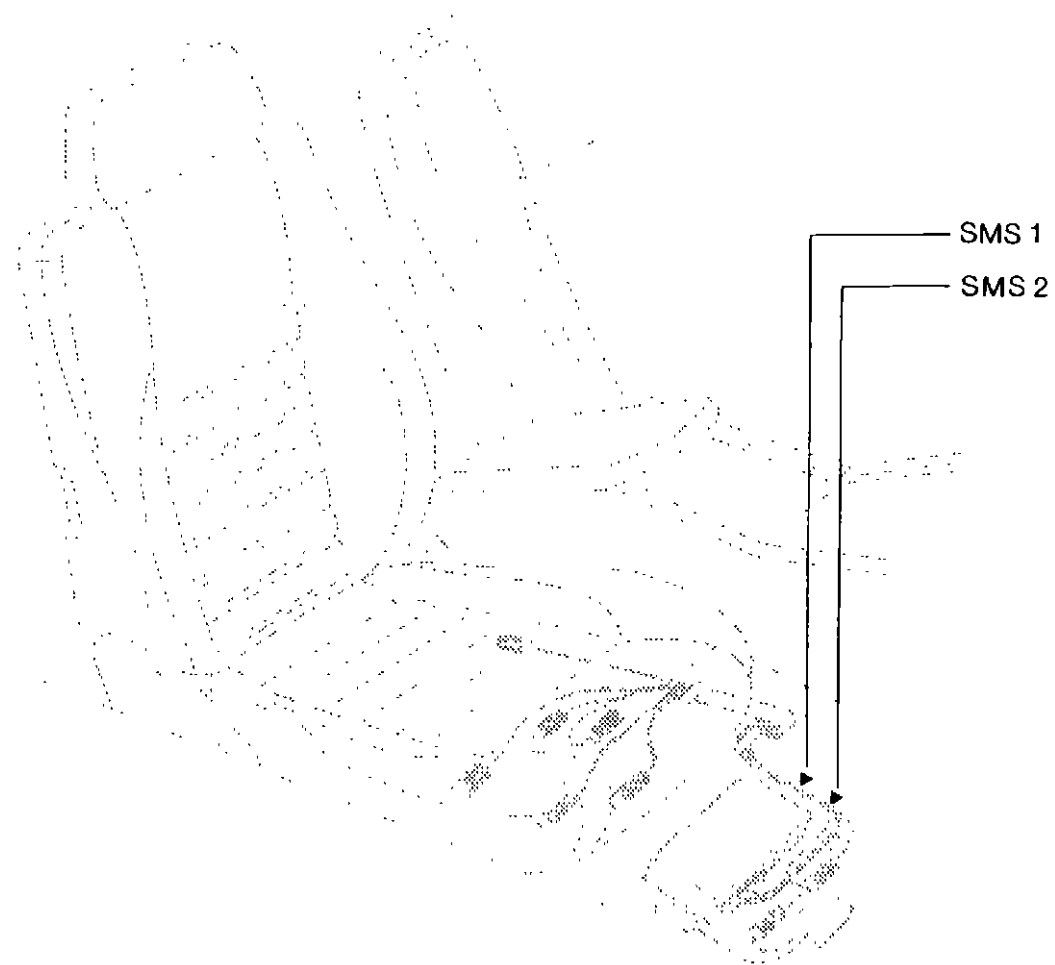




## SEAT HARNESS (DRIVER) — CONNECTORS



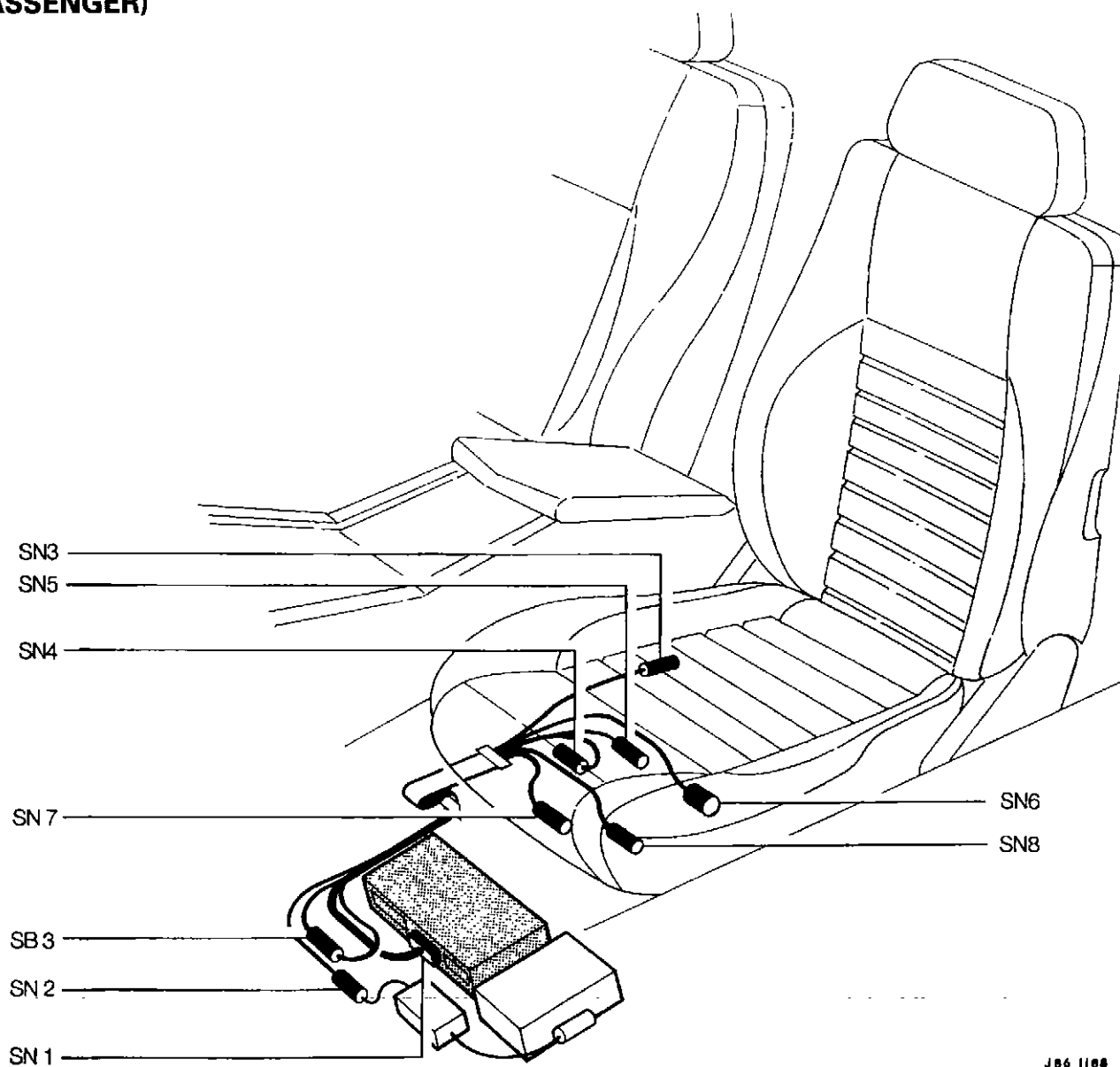
## SEAT HARNESS (DRIVER) — SPLICES



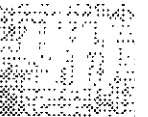
J86 1264



## SEAT HARNESS (PASSENGER)

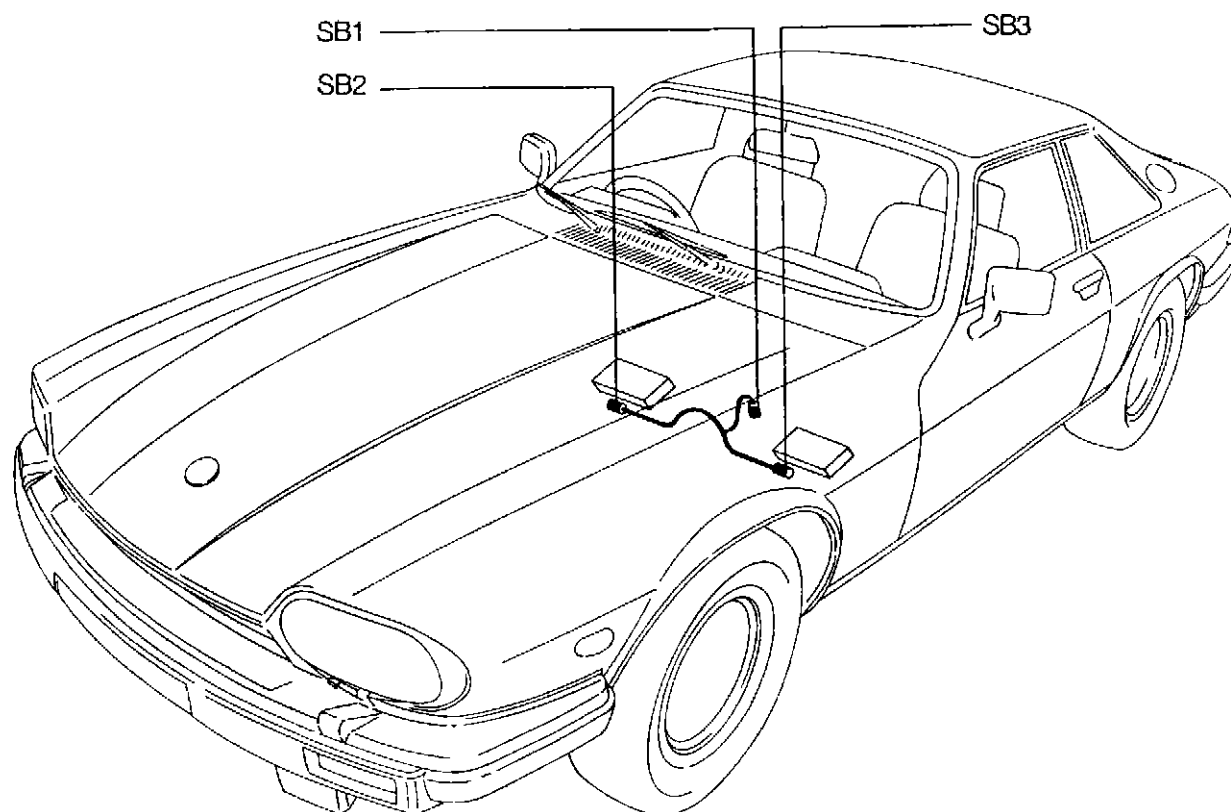


J86 1168



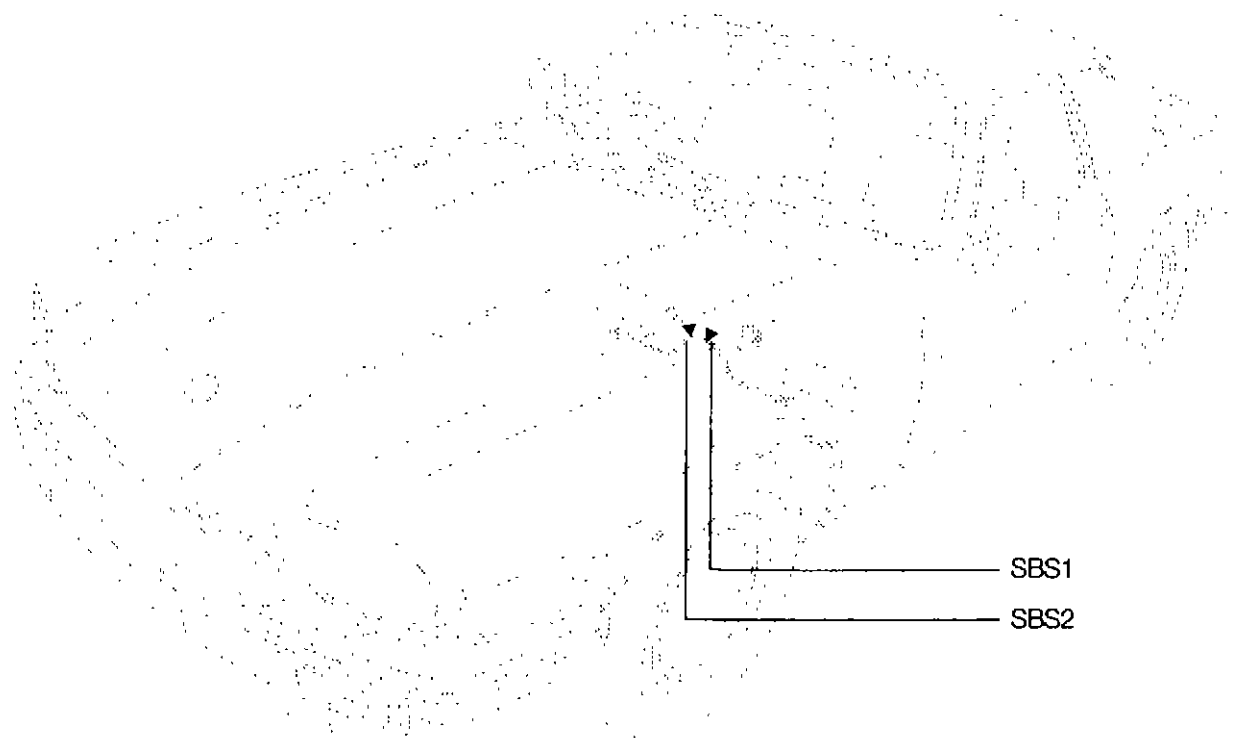


## SEAT BELT WARNING HARNESS — CONNECTORS



J86 1276

## SEAT BELT WARNING HARNESS — SPLICES

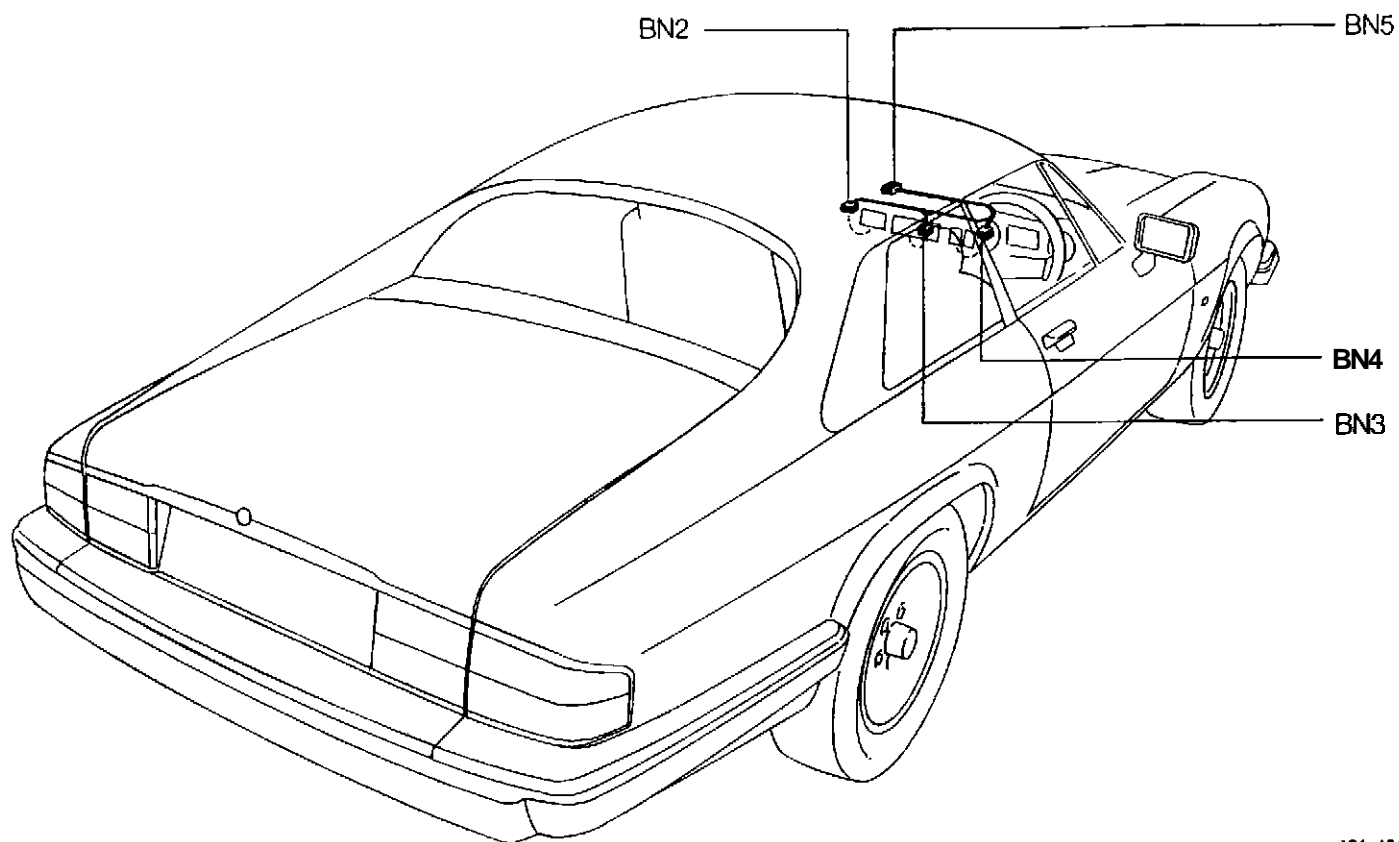


J86 1285



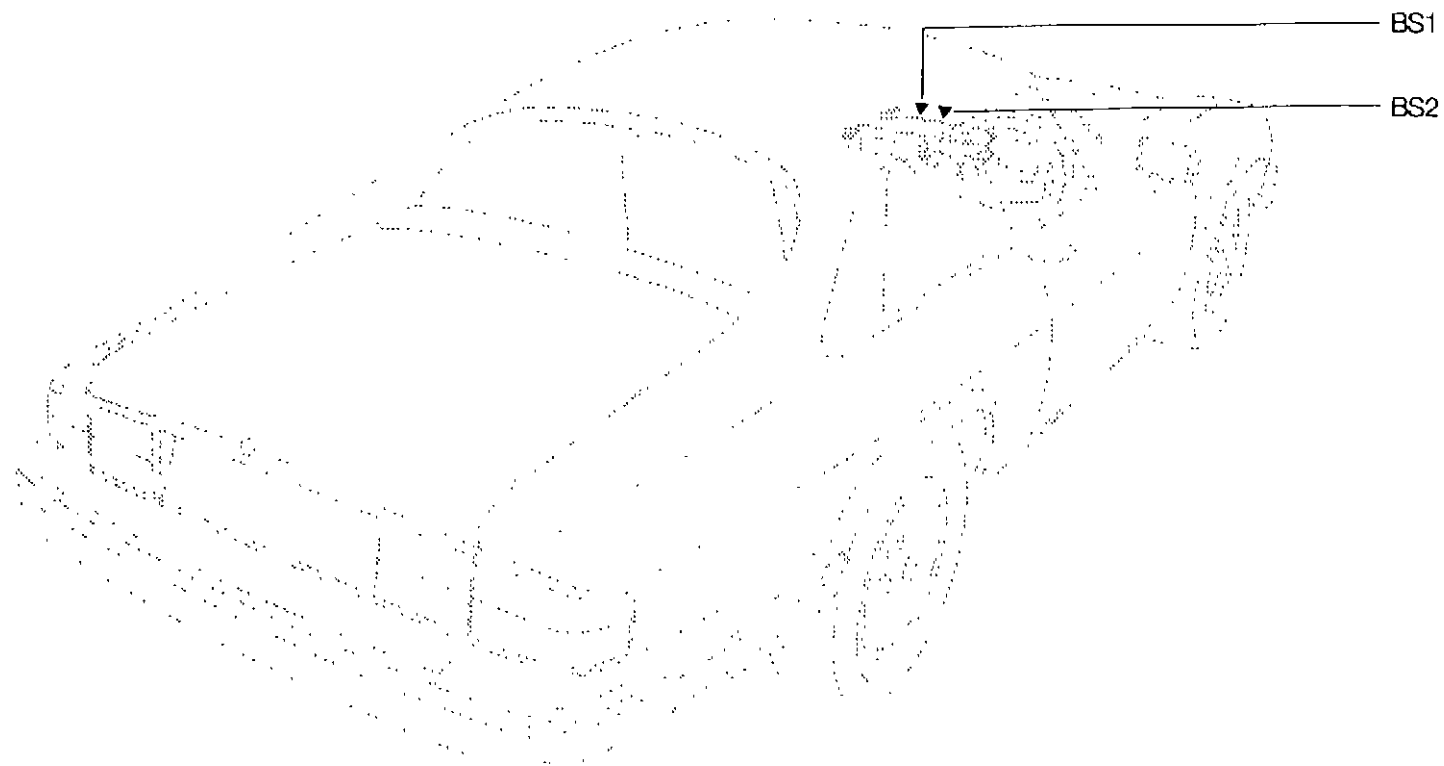


BINNACLE HARNESS — CONNECTORS



J86 1268

## BINNACLE HARNESS — SPLICES

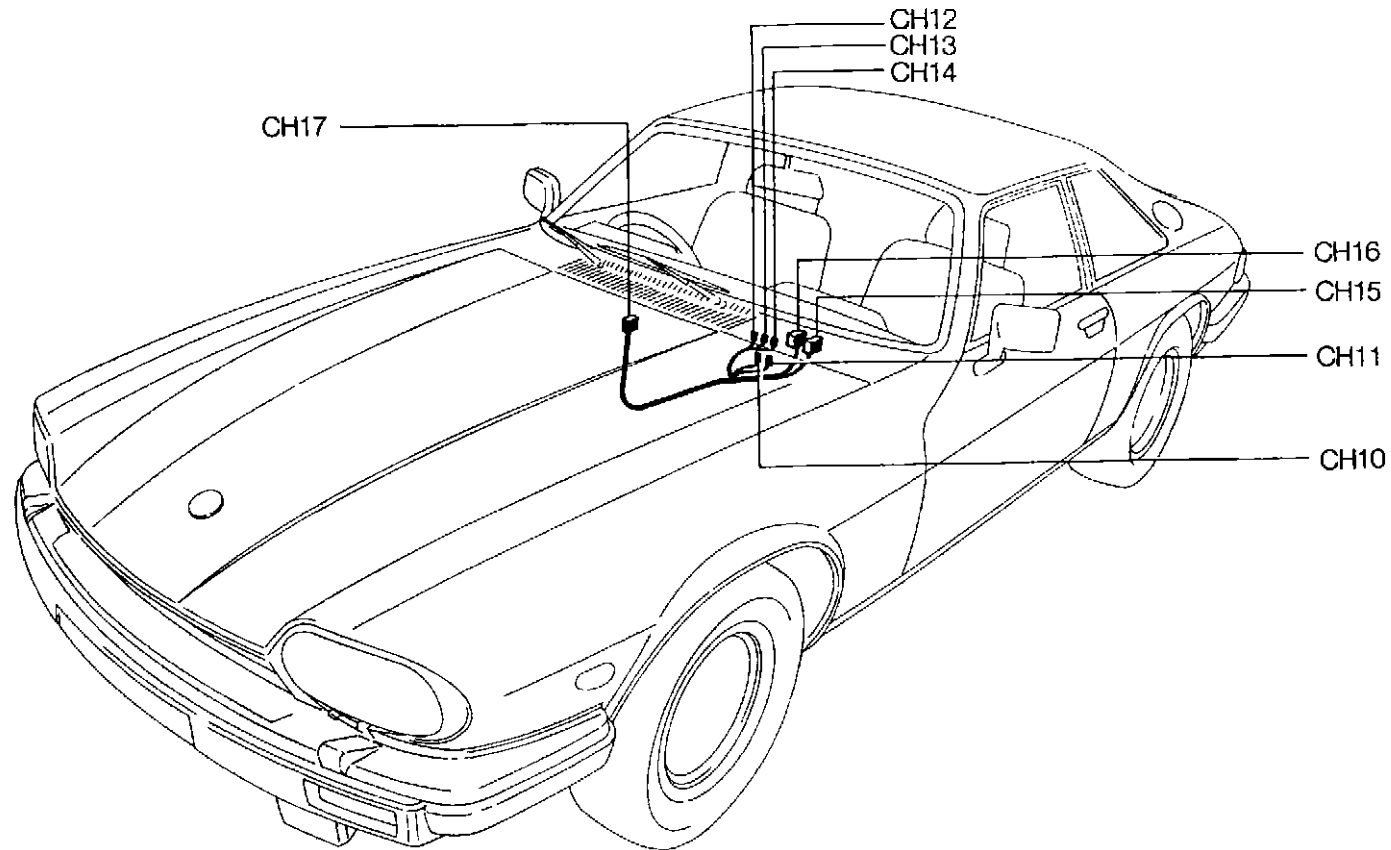


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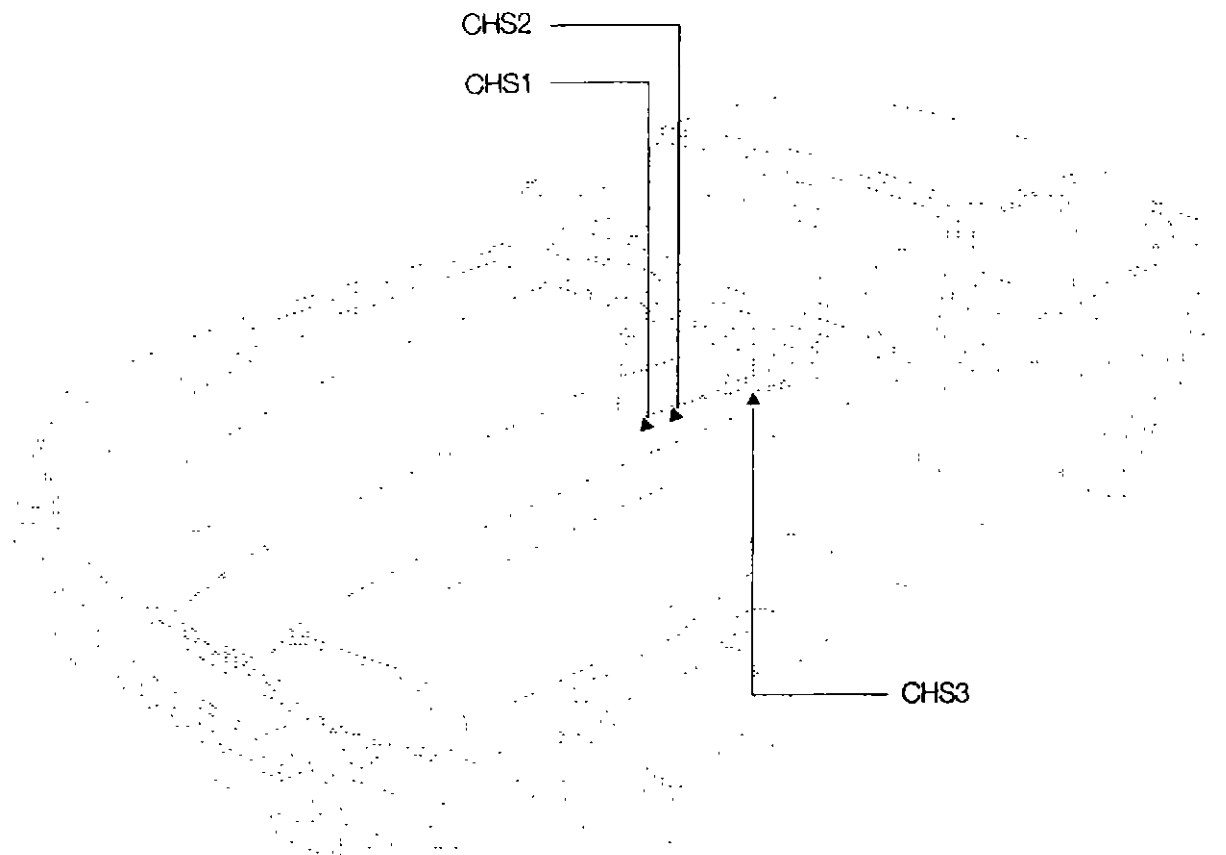




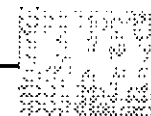
## CONSOLE HARNESS — CONNECTORS



## CONSOLE HARNESS — SPLICES

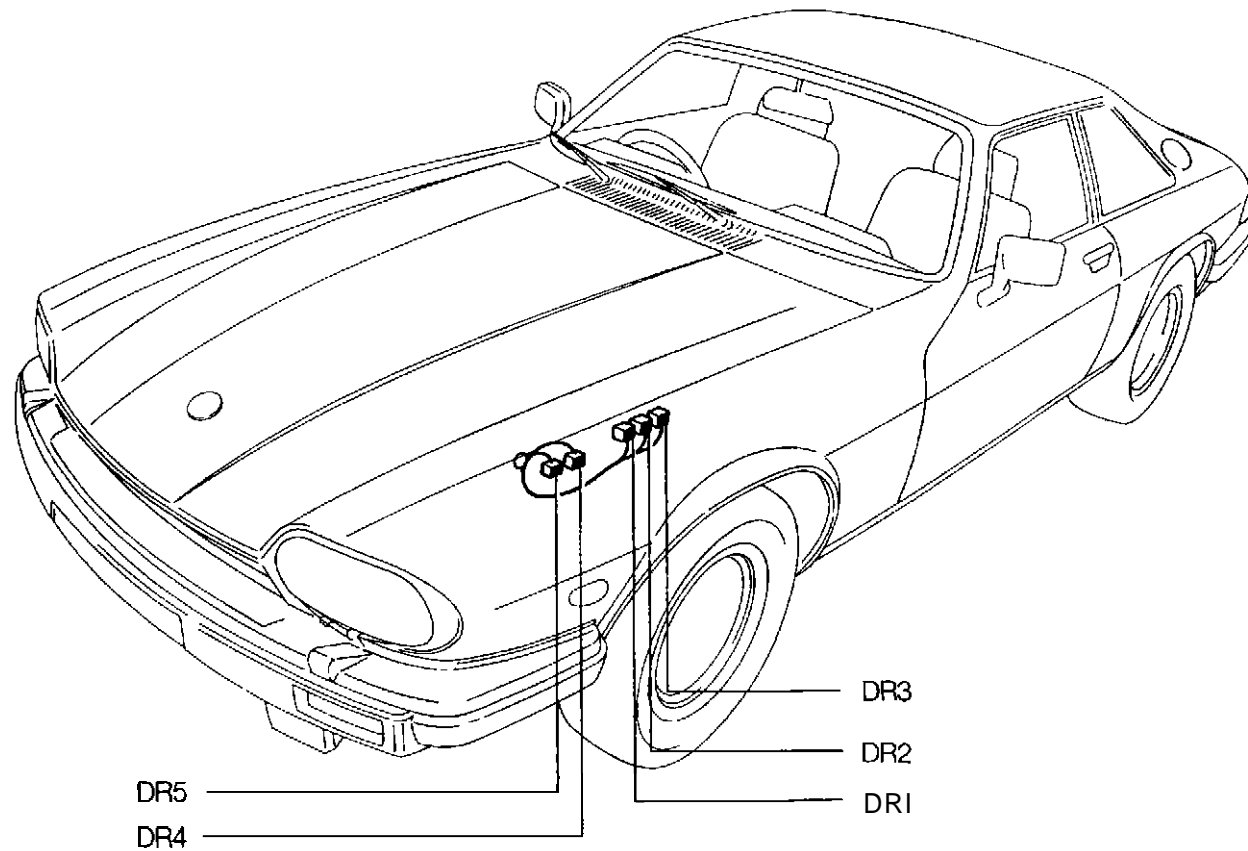


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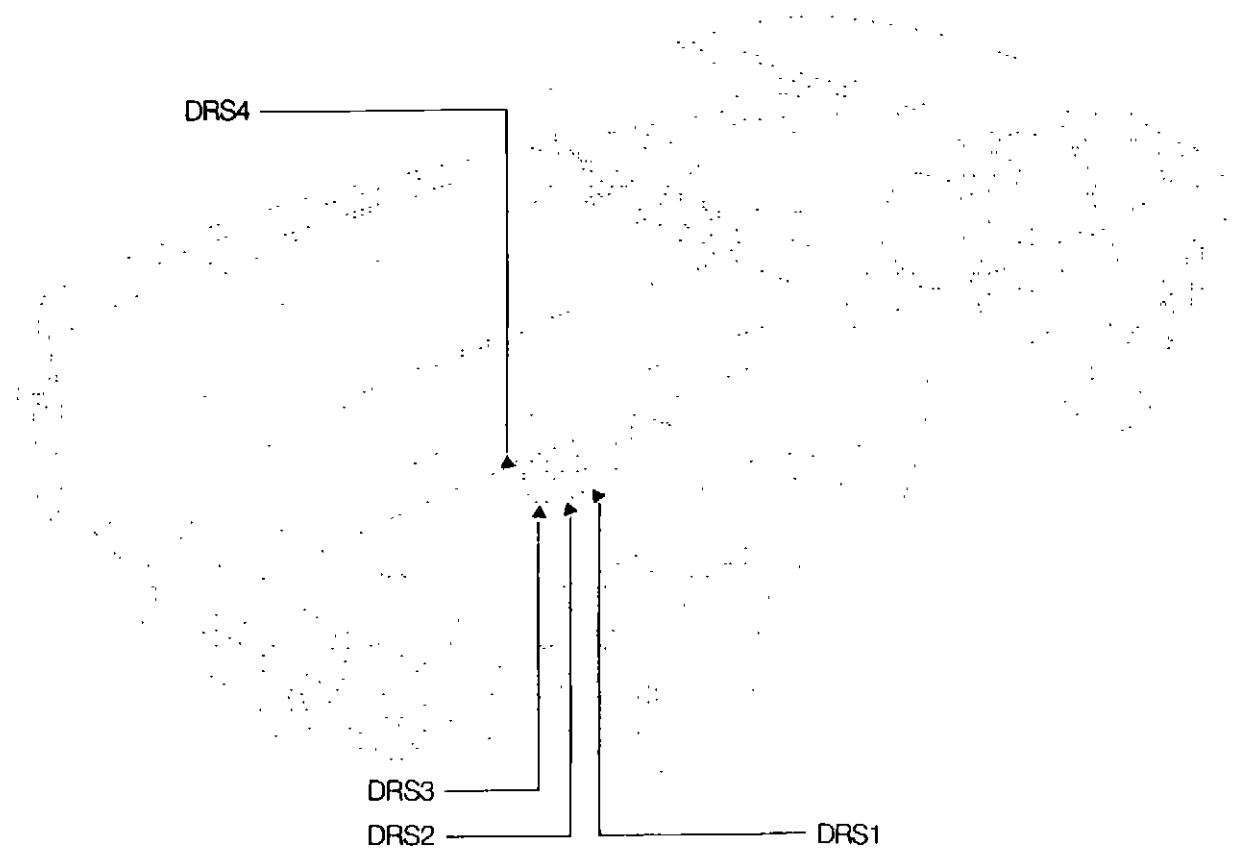


## DAYLIGHT RUNNING LAMPS LINK HARNESS — CONNECTORS



J86 1274

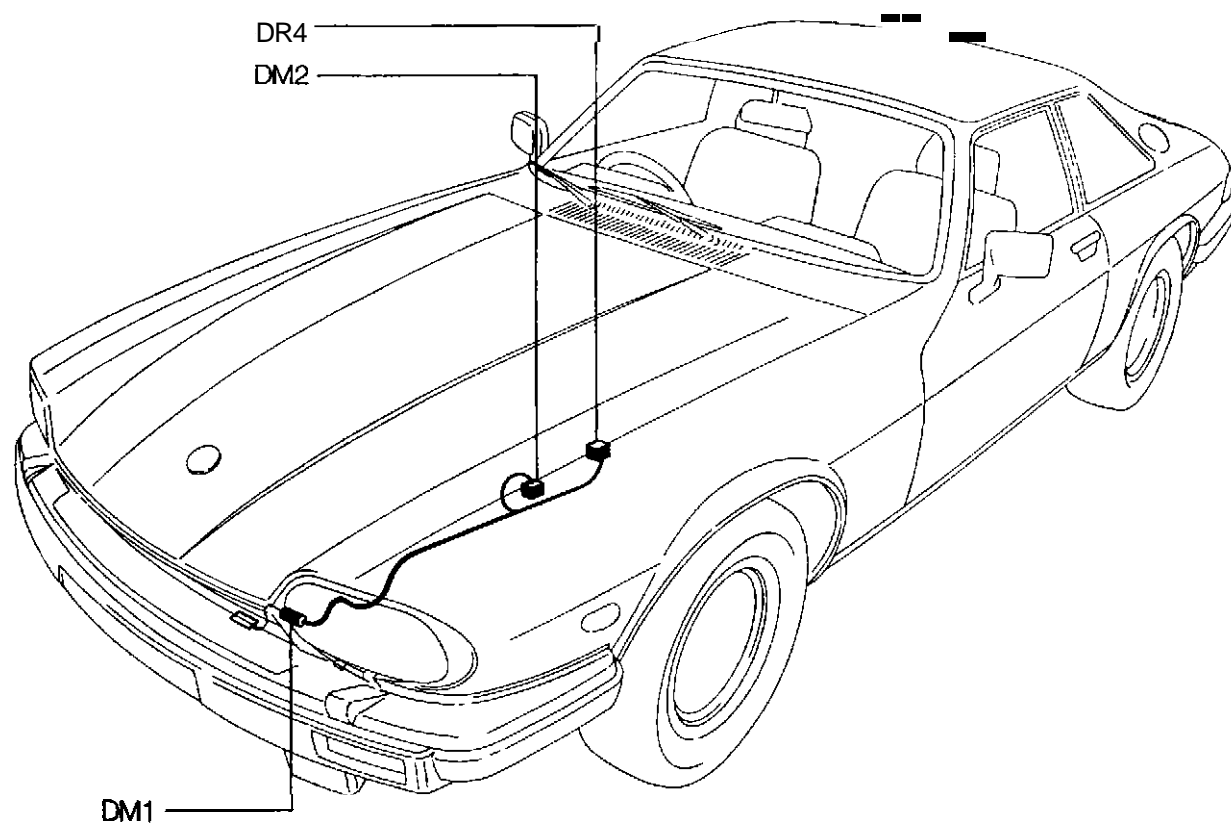
## DAYLIGHT RUNNING LAMPS LINK HARNESS — SPLICES



J86 1327

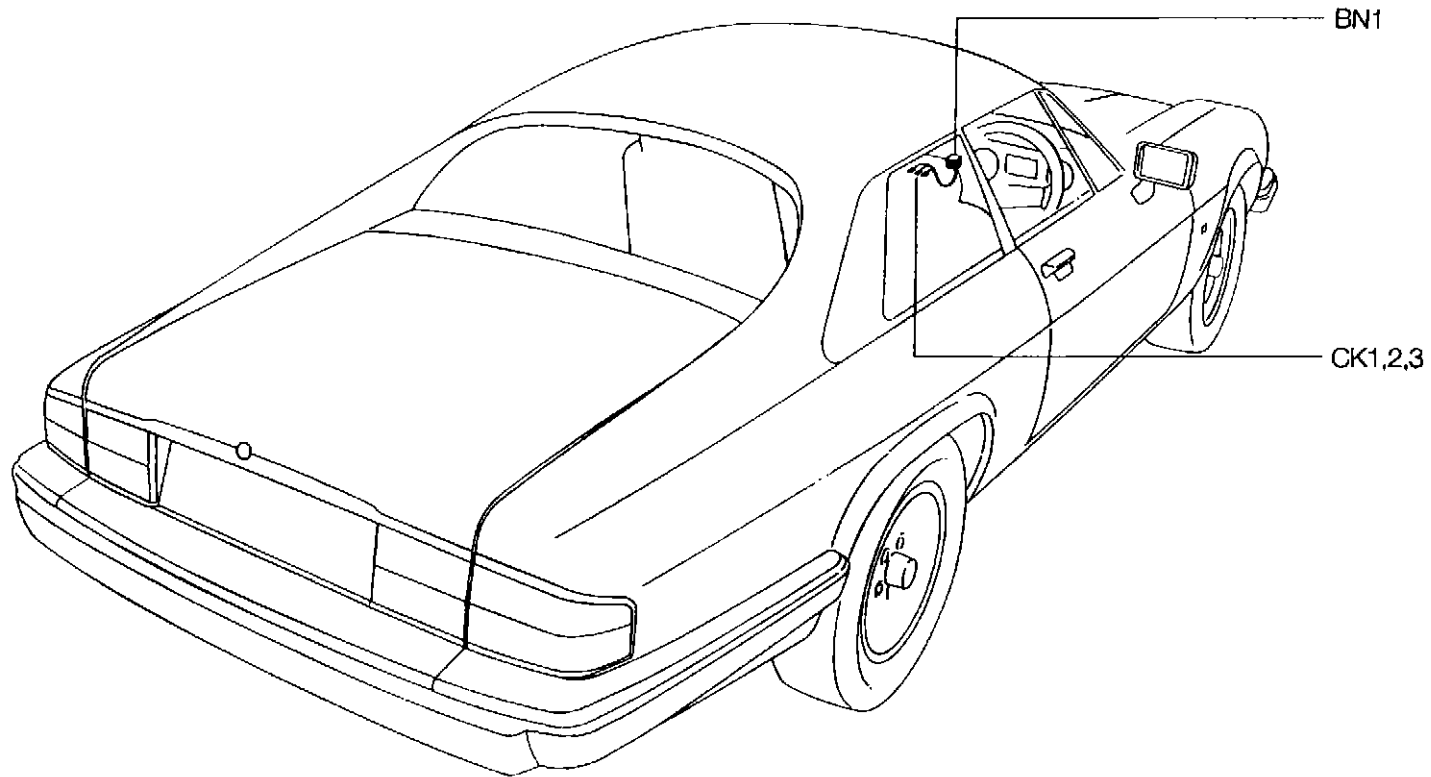


## DIM/DIP LINK HARNESS

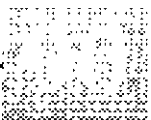


J86 1267

## CLOCK LINK LEAD



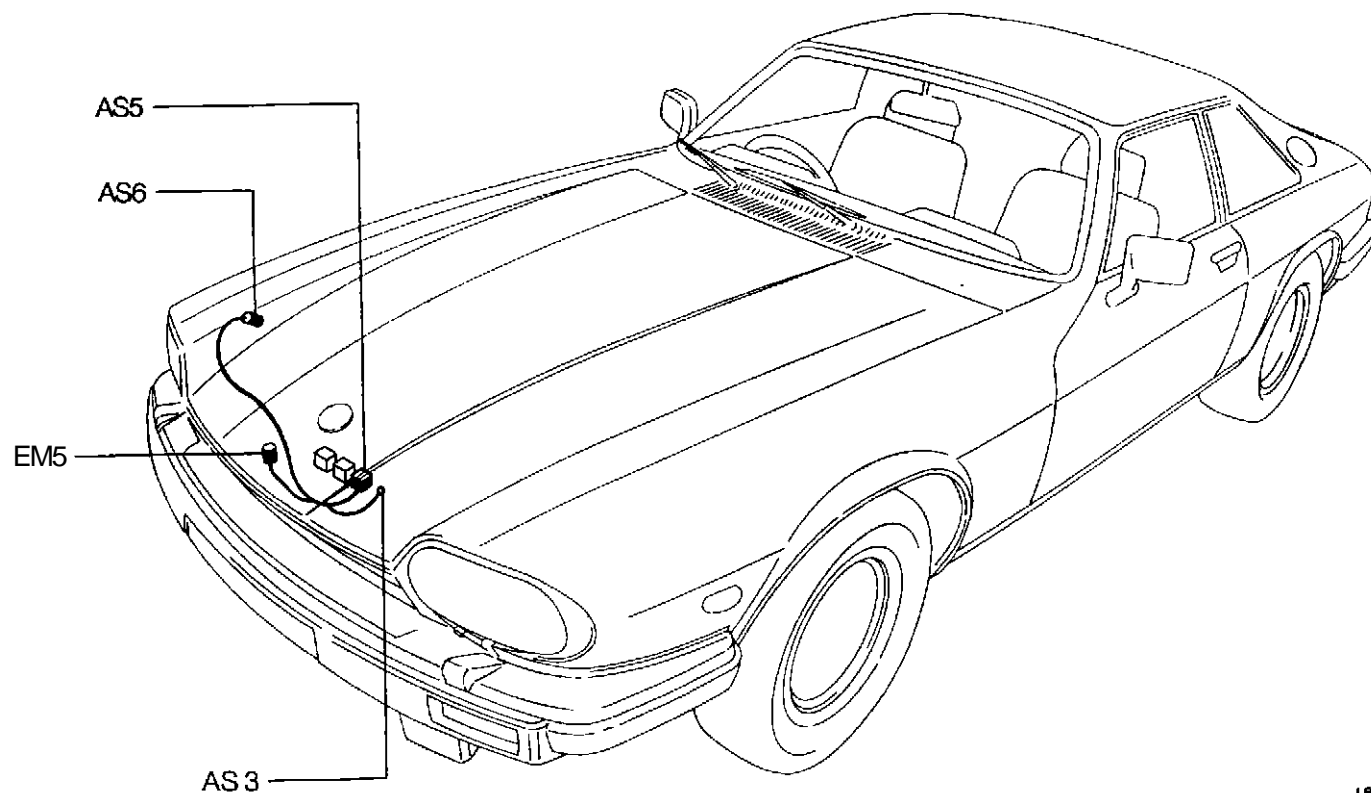
J86 1269





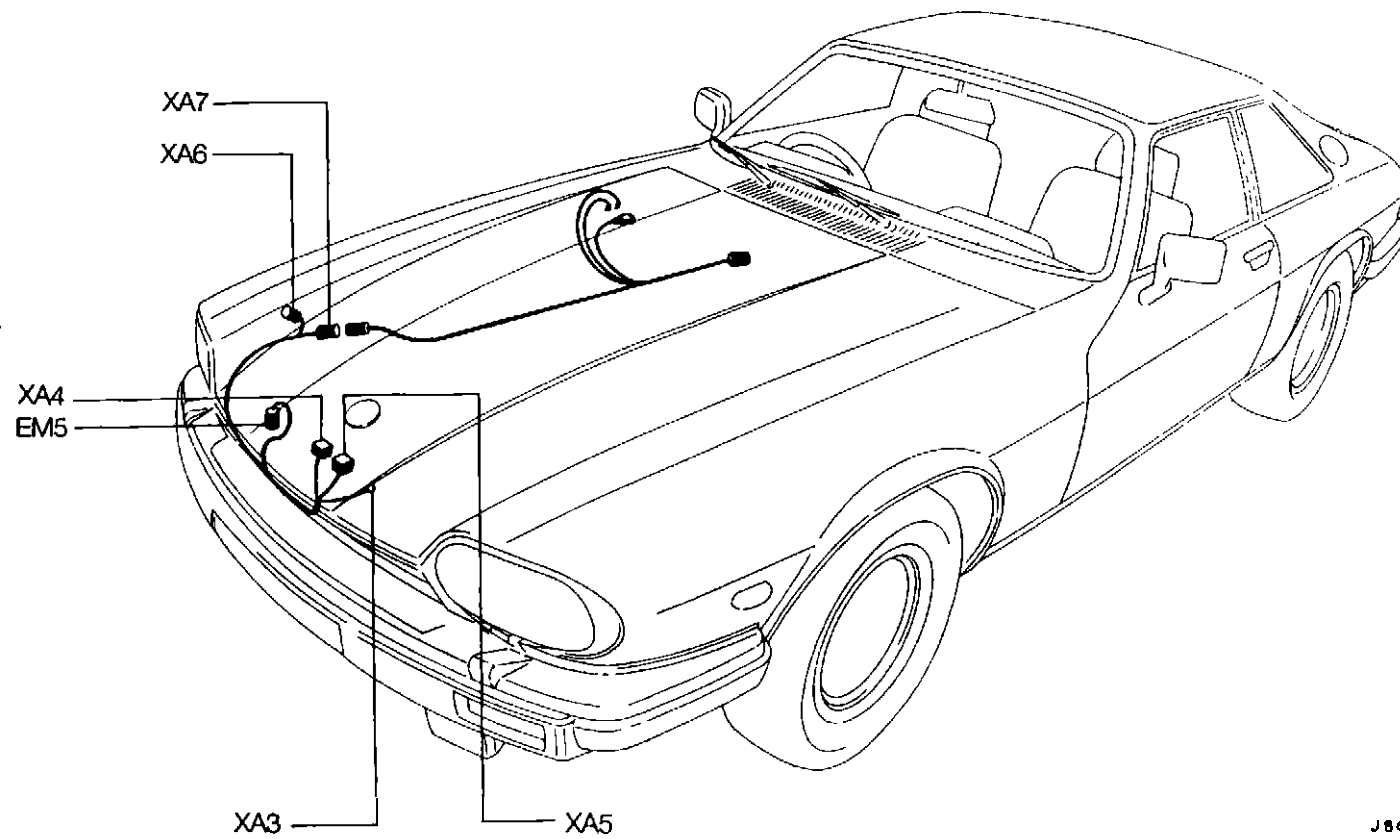


## ANTI-STALL RELAY LINK HARNESS



J66 1270

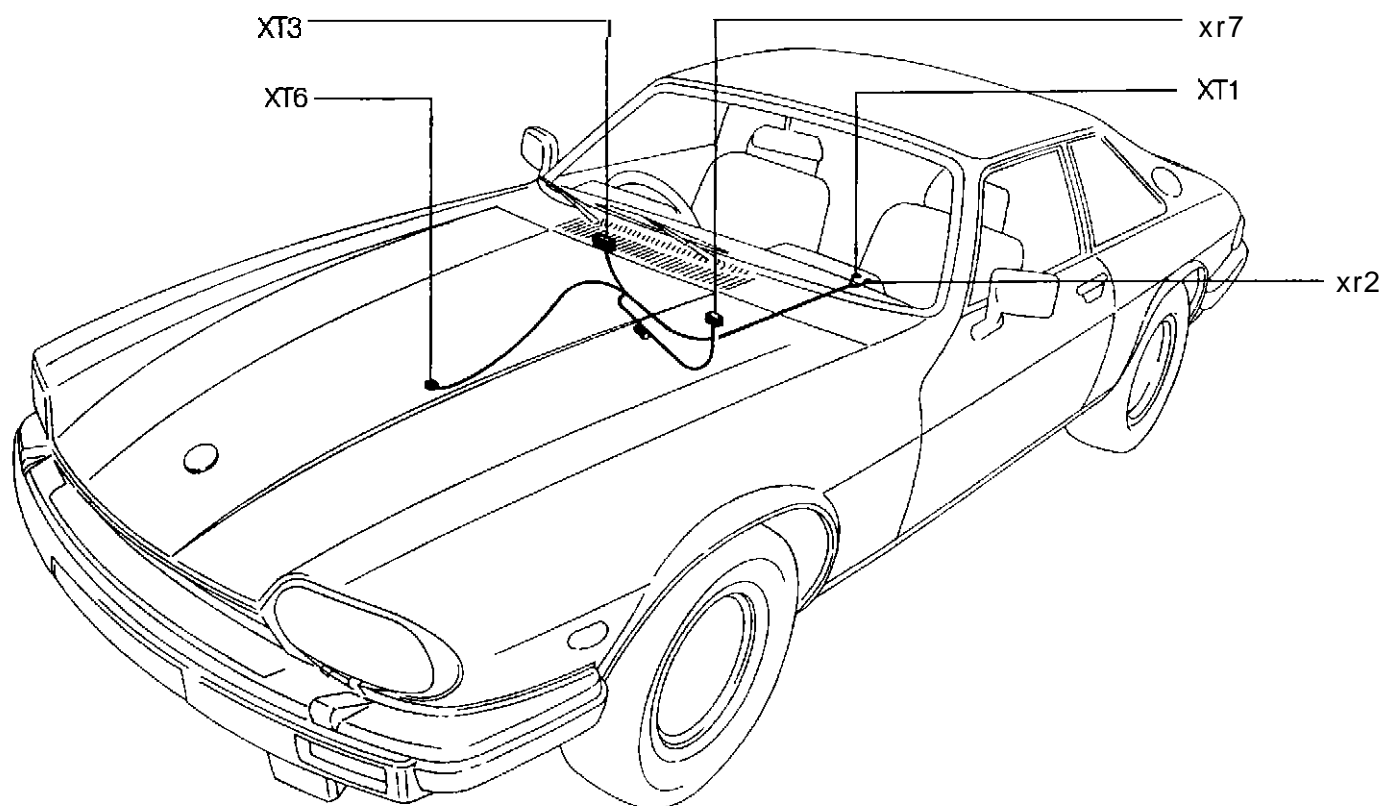
## EXTRA AIR VALVE RELAY LINK HARNESS



J66 1273

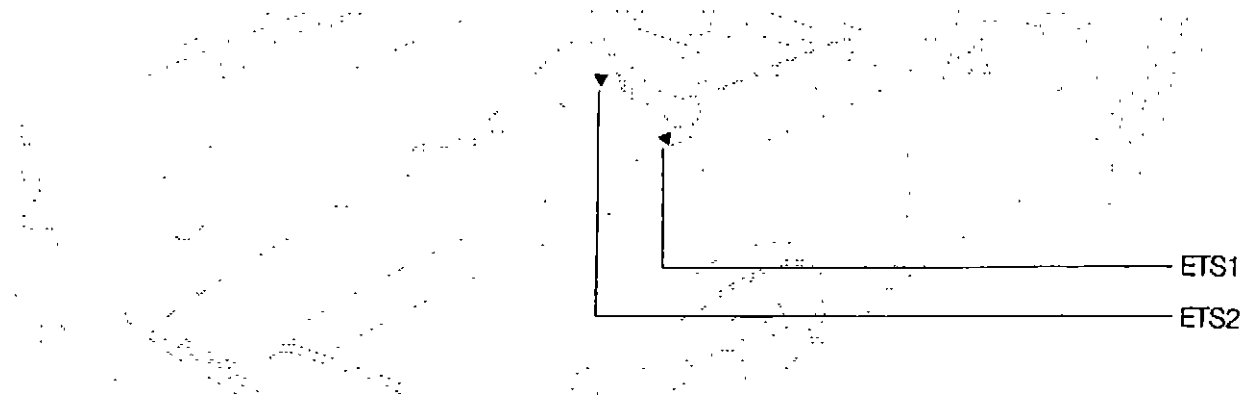


## EXHAUST TEMPERATURE LINK HARNESS — CONNECTORS

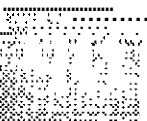


J86 1298

## EXHAUST TEMPERATURE LINK HARNESS — SPLICES

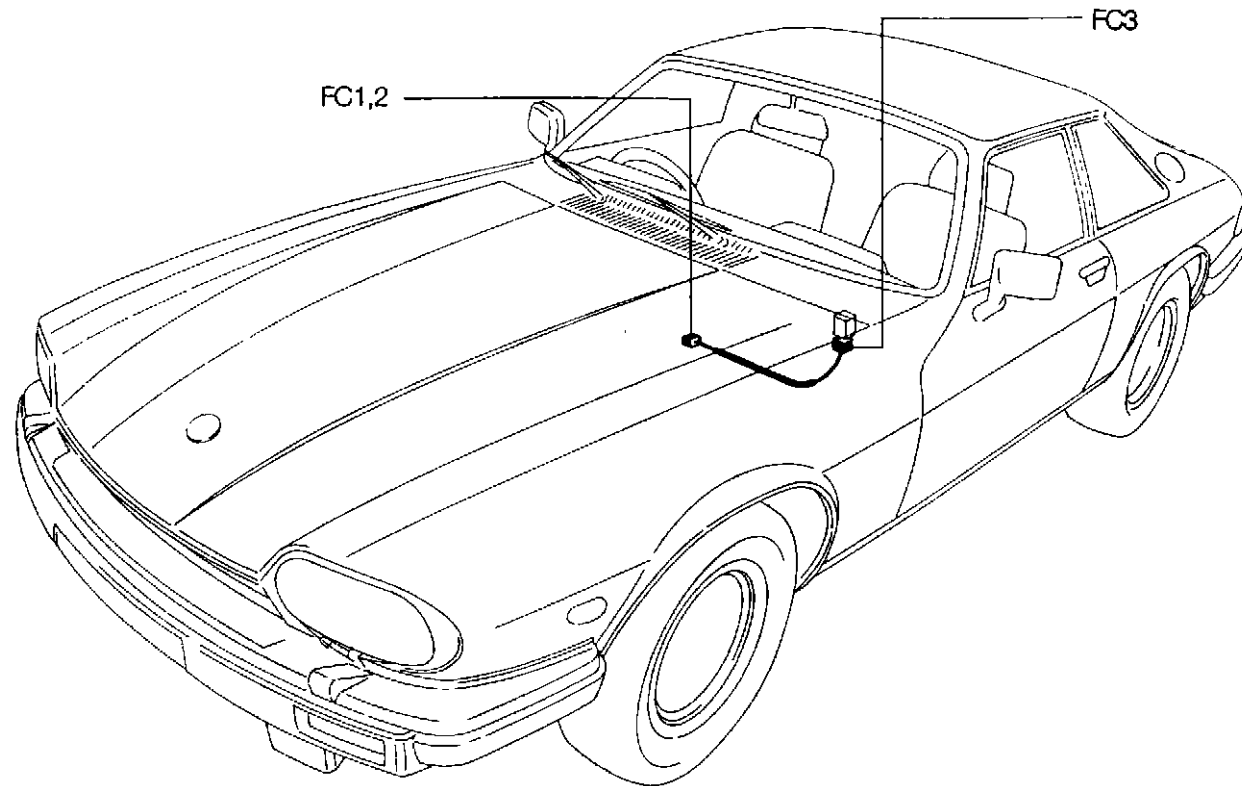


J86 1299



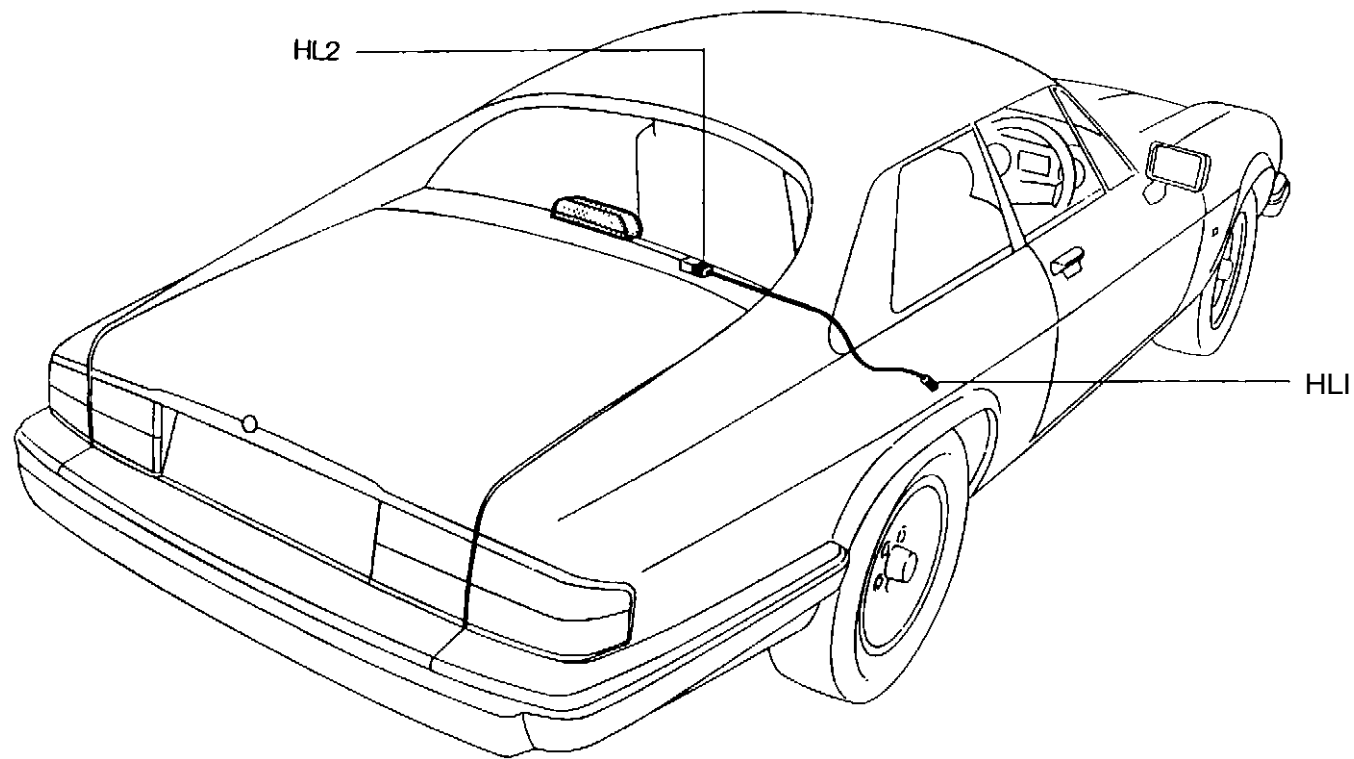


## FUEL CONTROL TIMER LINK HARNESS



J86 1284

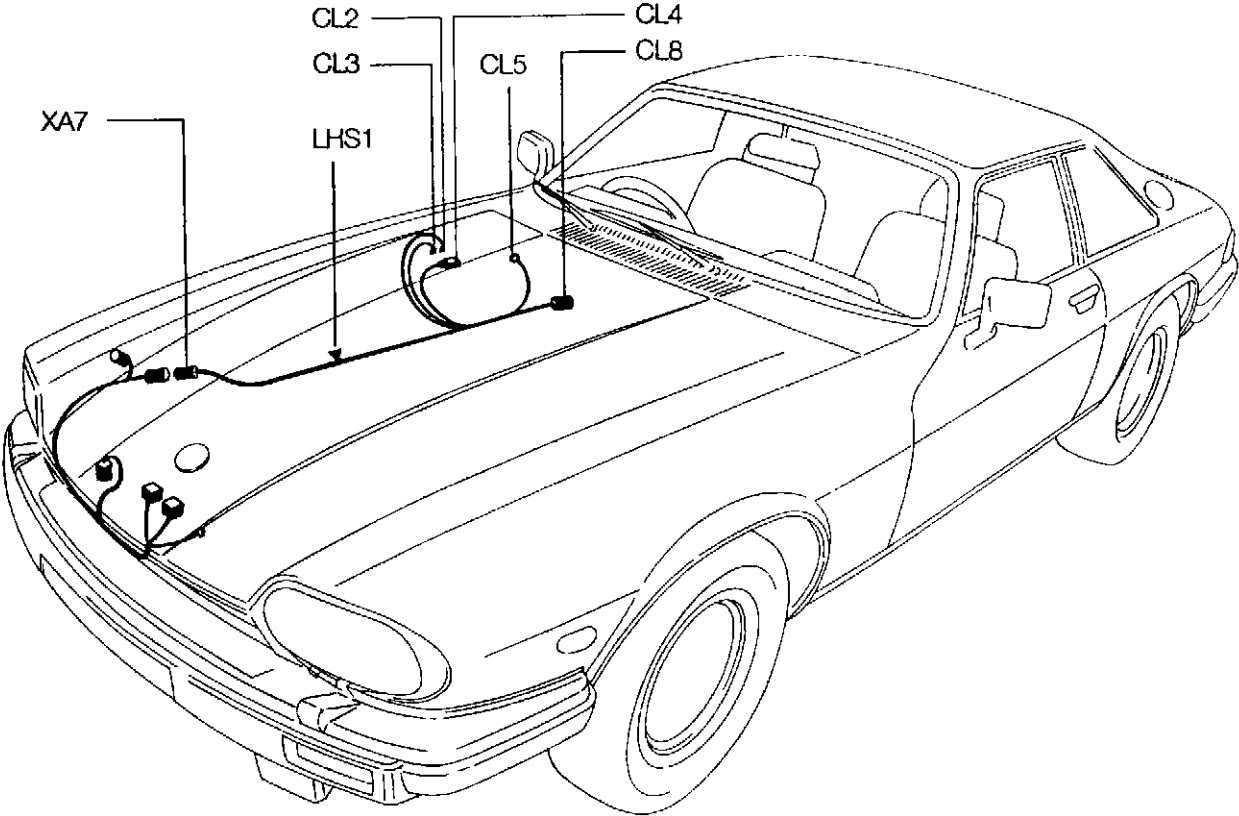
## HIGH MOUNTED STOP LAMP LINK HARNESS



J86 1271



IGNITION CONTROL TIMER LINK HARNESS



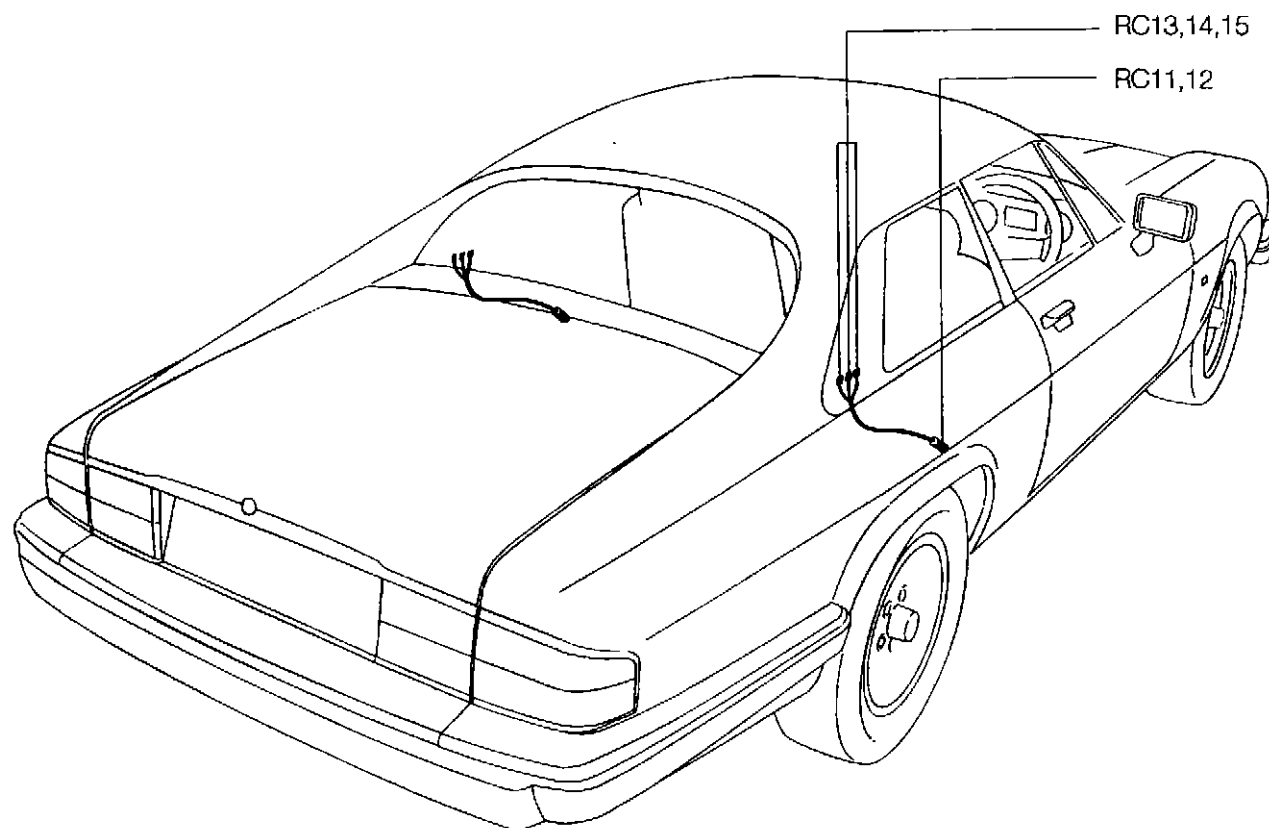
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## REAR COURTESY LAMP LINK HARNESS — CONNECTORS

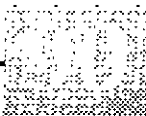


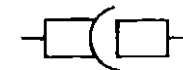
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## REAR COURTESY LAMP LINK HARNESS — SPLICES

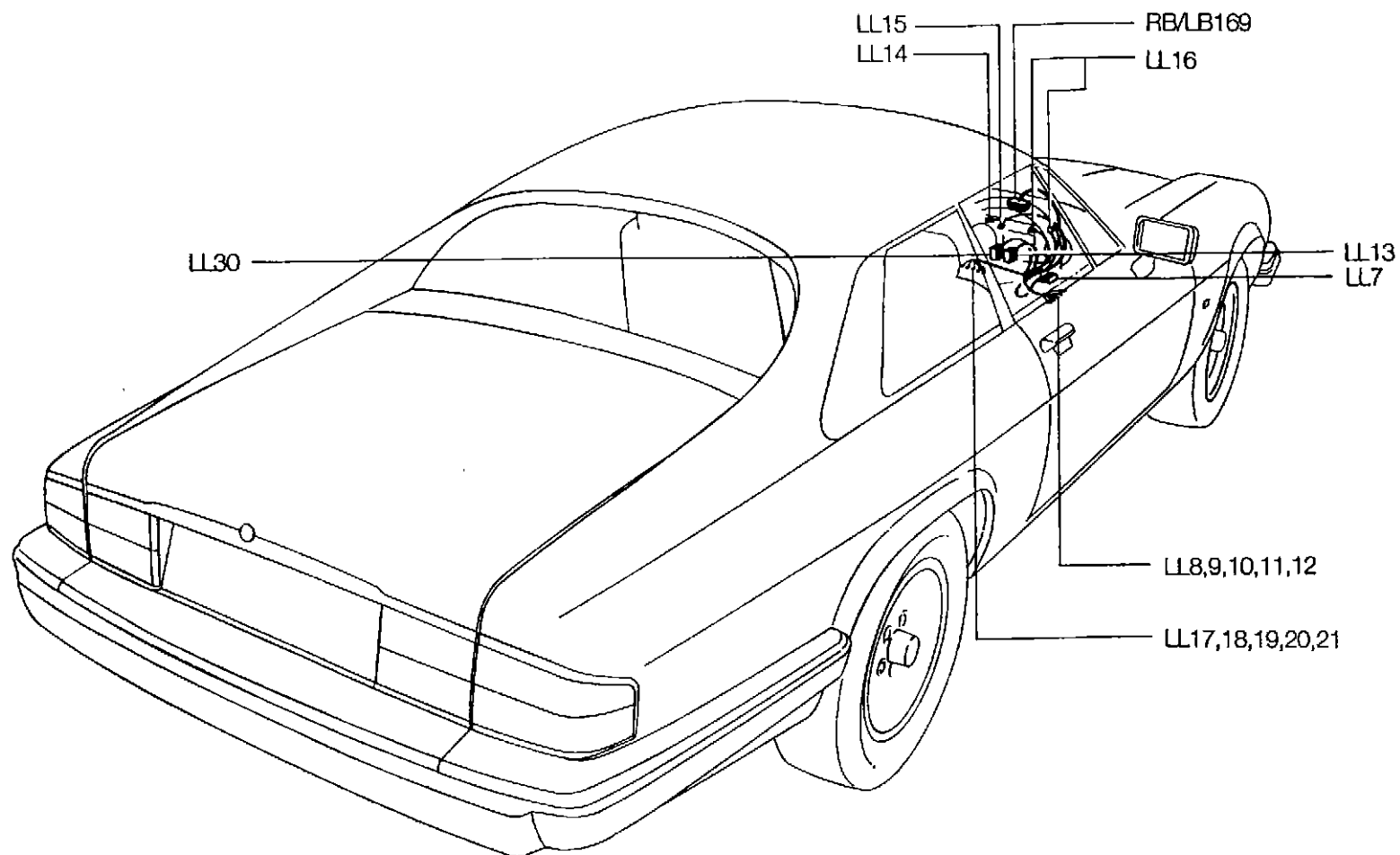


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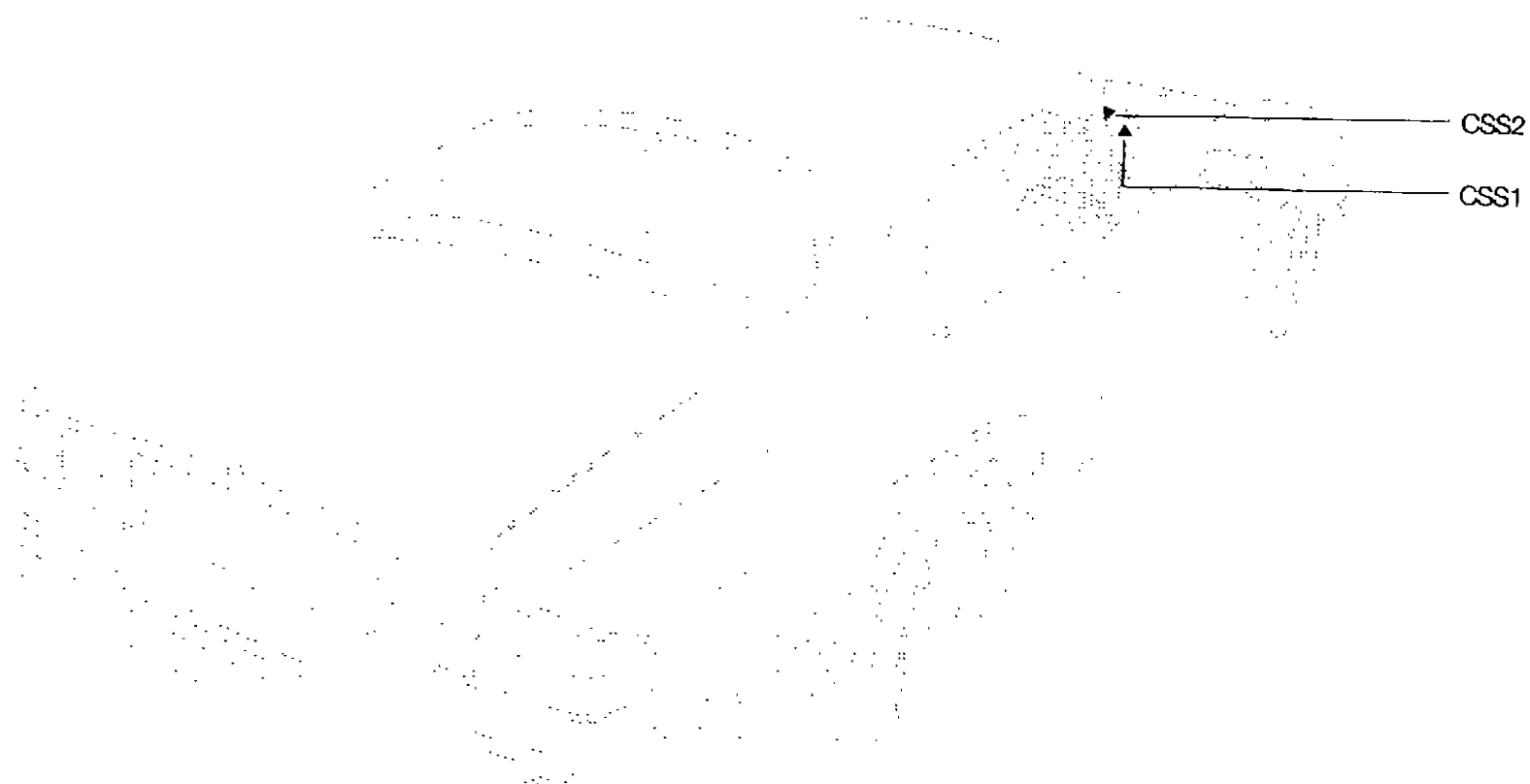




## COLUMN SWITCHGEAR LINK HARNESS — CONNECTORS



## COLUMN SWITCHGEAR LINK HARNESS — SPLICES



J86 1294





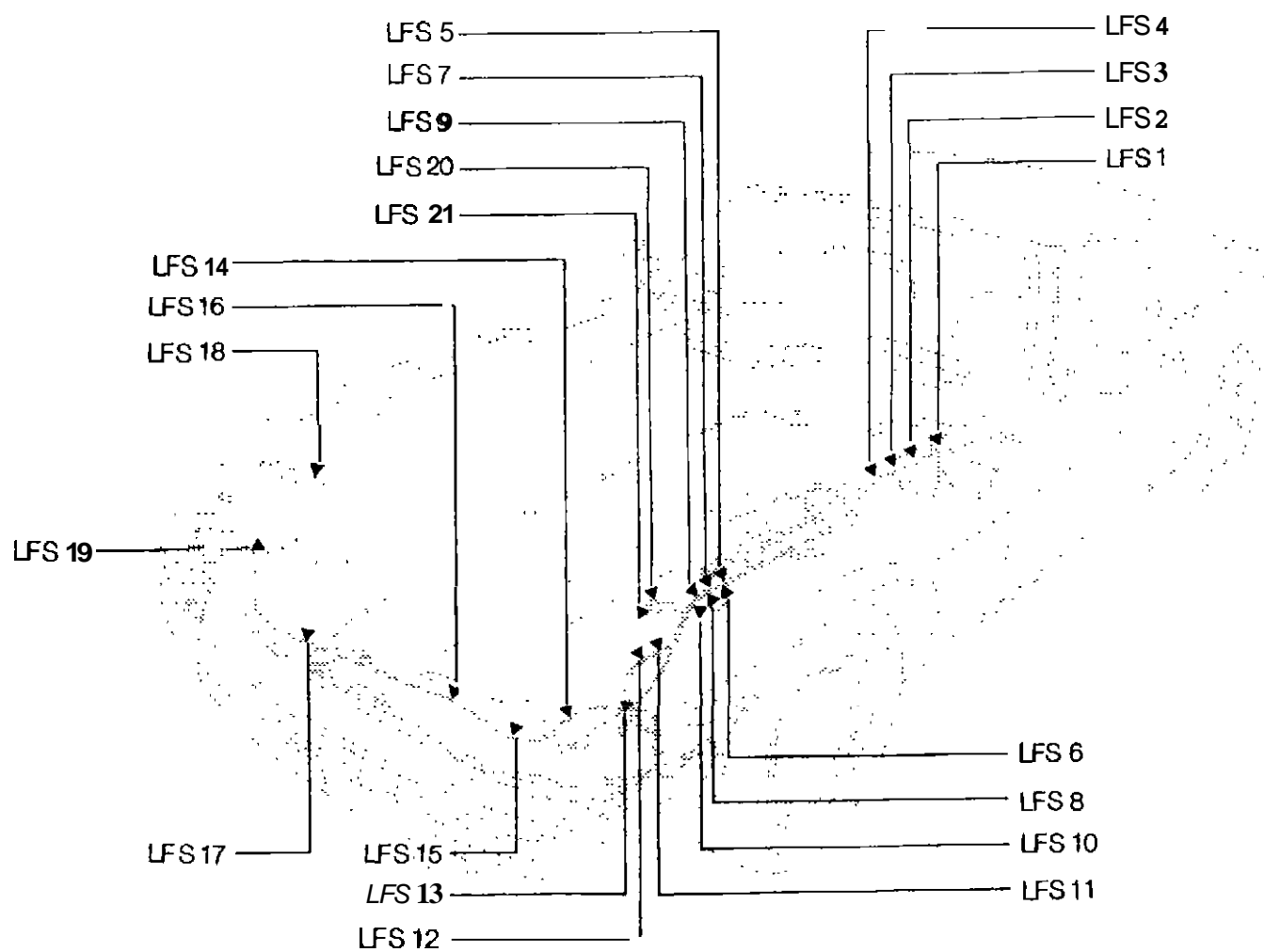
## CIRCUIT DIAGRAMS AND HARNESSSES



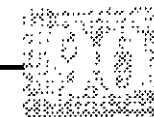
### INDEX TO CONNECTORS

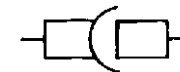
CONN R	DESCRIPTION	LOCATION	ACCESS
AB1	35-way socket	Luggage compartment LH.	Remove luggage compartment trim
AB2	AMP 3-way socket, red	Luggage compartment LH.	Remove luggage compartment trim
AB3	Eyelet		
AB4	Econoseal 2-way socket, black	Rear seat pan	Remove rear seat
AB5	Econoseal 2-way socket, black	Rear seat pan	Remove rear seat
AB6	Econoseal 2-way socket, black	LH wing valance	Engine compartment
AB7	5-way socket, blue	Engine compartment	Bonnet
AB8	7-way socket		
AB9	2-way socket	Luggage compartment	Remove luggage compartment trim
AB10	Eyelet	LH wing valance	Engine compartment
AB11	Econoseal 2-way socket, black	RH wing valance	Engine compartment
AB12	Eyelet		
AB13	Eyelet		
AB14	2-way socket	Engine compartment	Bonnet
AB15	5-way socket	Engine compartment	Bonnet
AB16	Relay base, black	Luggage compartment	Remove luggage compartment trim
AB17	2-way plug		
AB18	Sumitomo 8-way connector, red	Centre console	Remove console trim
BL4	Sumitomo 4-way socket, natural	Luggage compartment LH.	Remove side trim
BL5,6	Spade terminals	Bottom edge of boot lid	Raise boot lid
BL7	Sumitomo 2-way	Bottom edge of boot lid	Raise boot lid
BL8,9	Spade terminals	Bottom edge of boot lid	Raise boot lid
BL10	Sumitomo 4-way socket, black	Luggage compartment RH.	Remove side trim
BL11	Sumitomo 10-way connector, natural	Adjacent to RH boot hinge	Luggage compartment
BL12			
BN2	Sumitomo 10-way socket, natural	Driver's fascia	Remove fascia
BN3	Sumitomo 10 way socket, red	Behind fascia	Remove fascia
BN4	Sumitomo 6-way socket, natural	To rear of windscreen	Remove lamp fitting
BN5	Sumitomo 20-way socket, natural	Centre console	Console trim

## LEFT FORWARD HARNESS (4.0 LITRE) — SPLICES

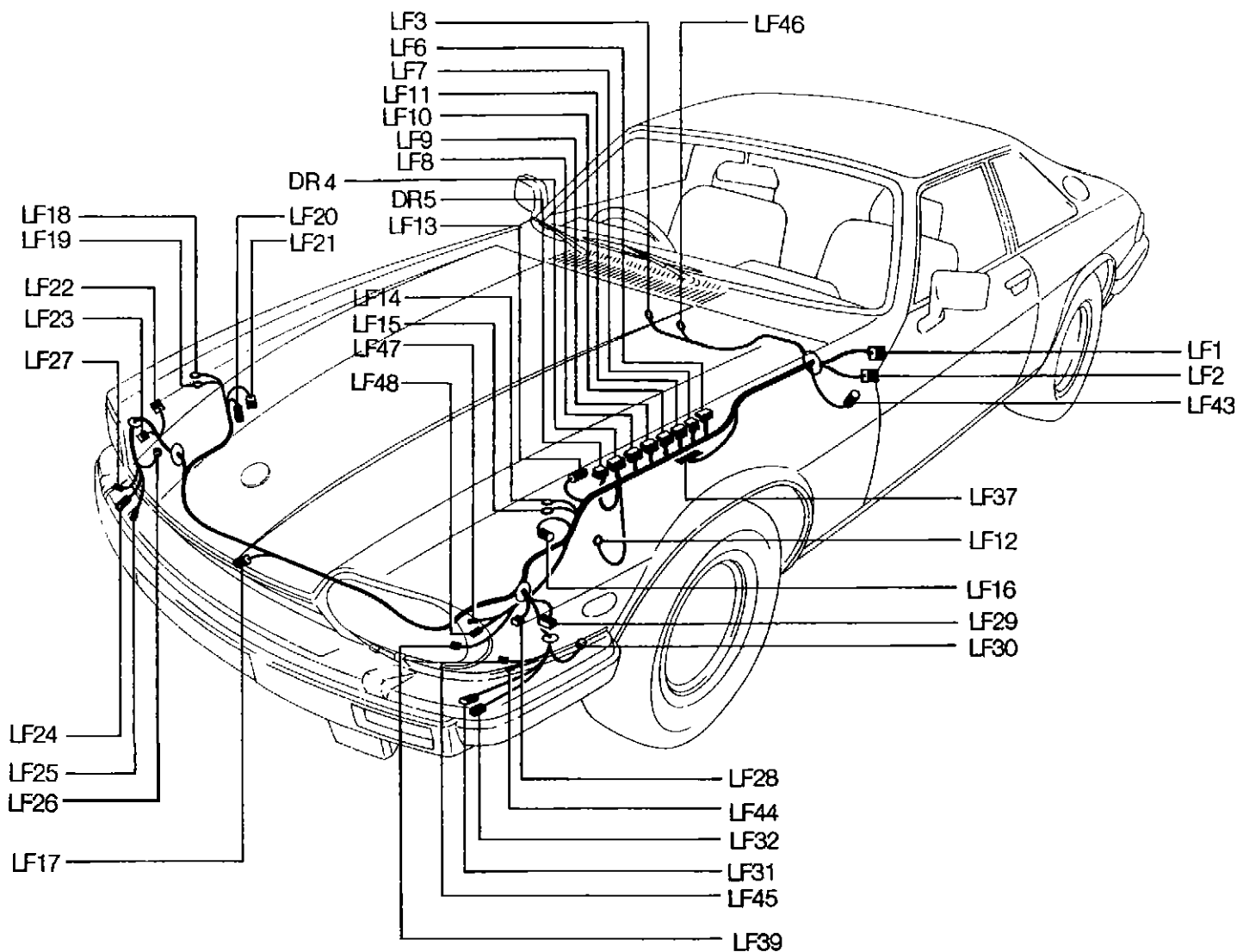


J86 1256

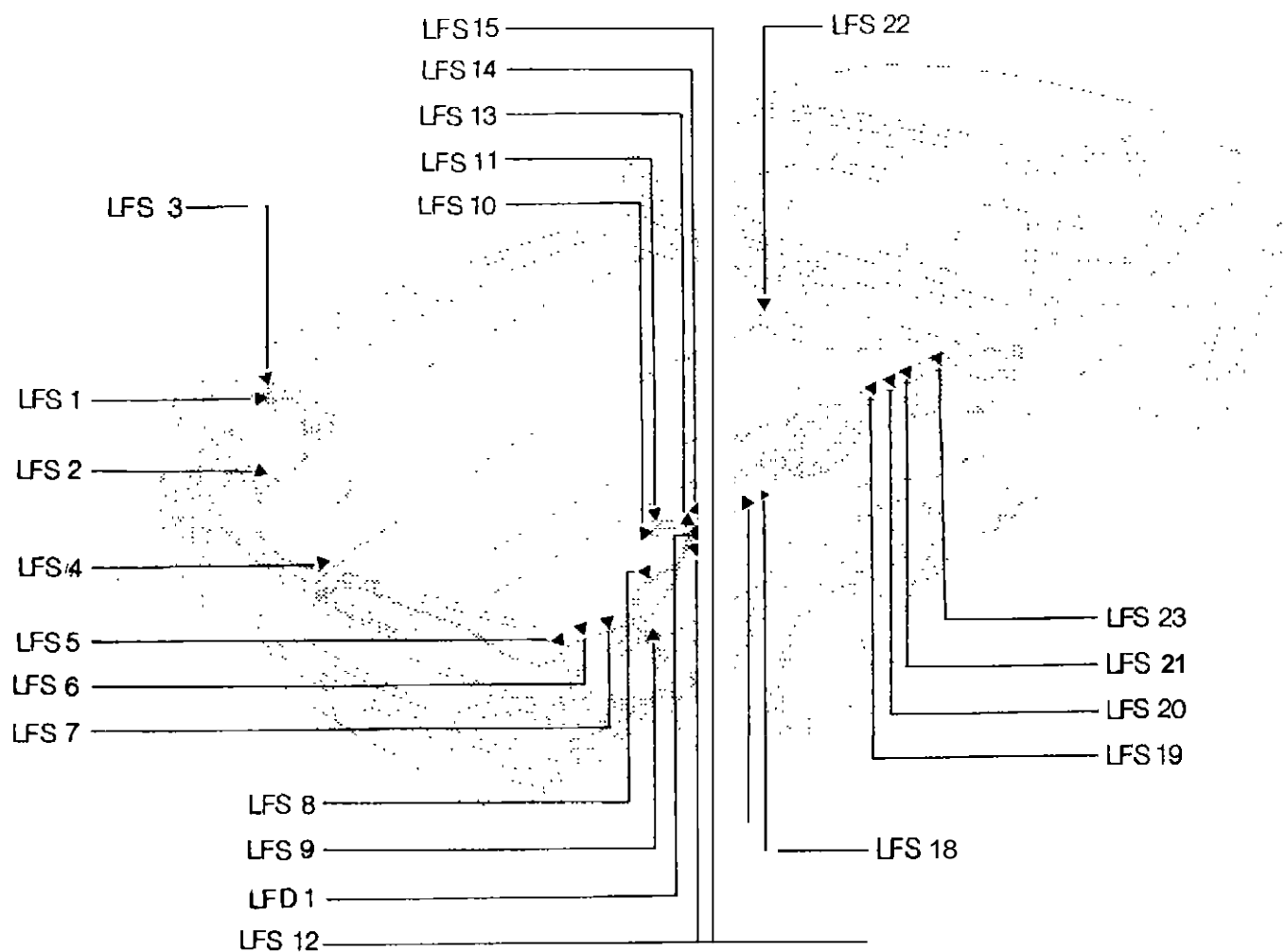




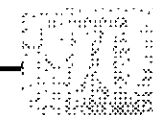
## LEFT FORWARD HARNESS (5.3 LITRE) — CONNECTORS



## LEFT FORWARD HARNESS (5.3 LITRE) — SPLICES



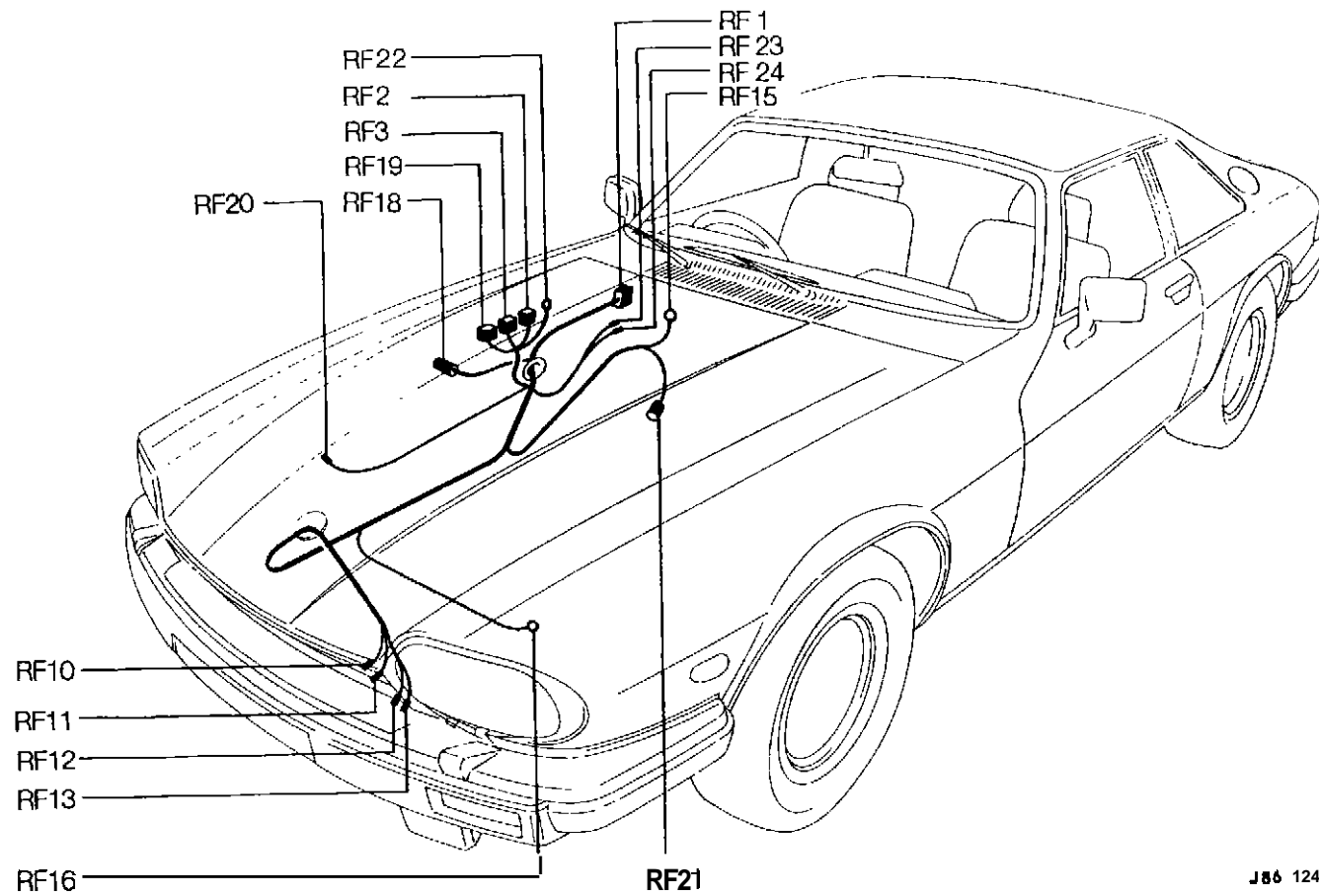
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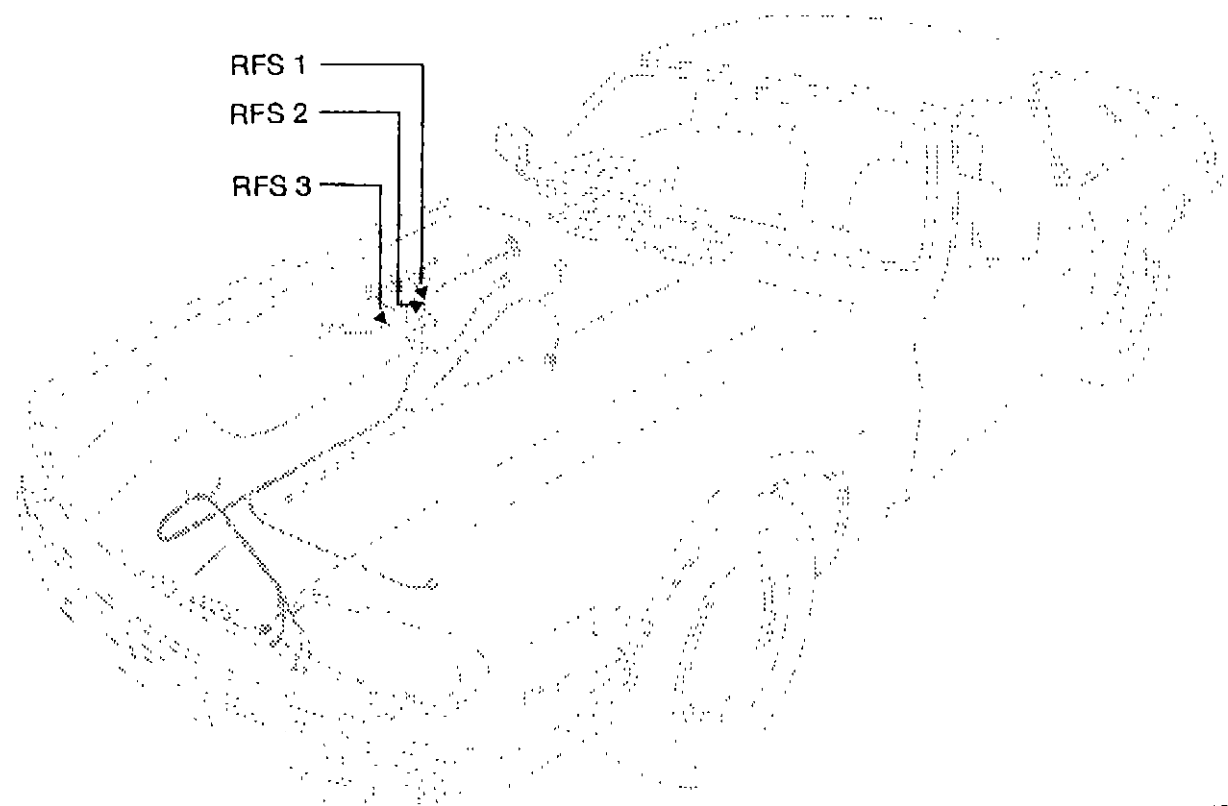


## RIGHT FORWARD HARNESS (4.0 LITRE) — CONNECTORS

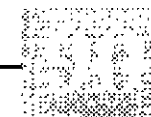


J86 1242

## RIGHT FORWARD HARNESS (4.0 LITRE) — SPLICES

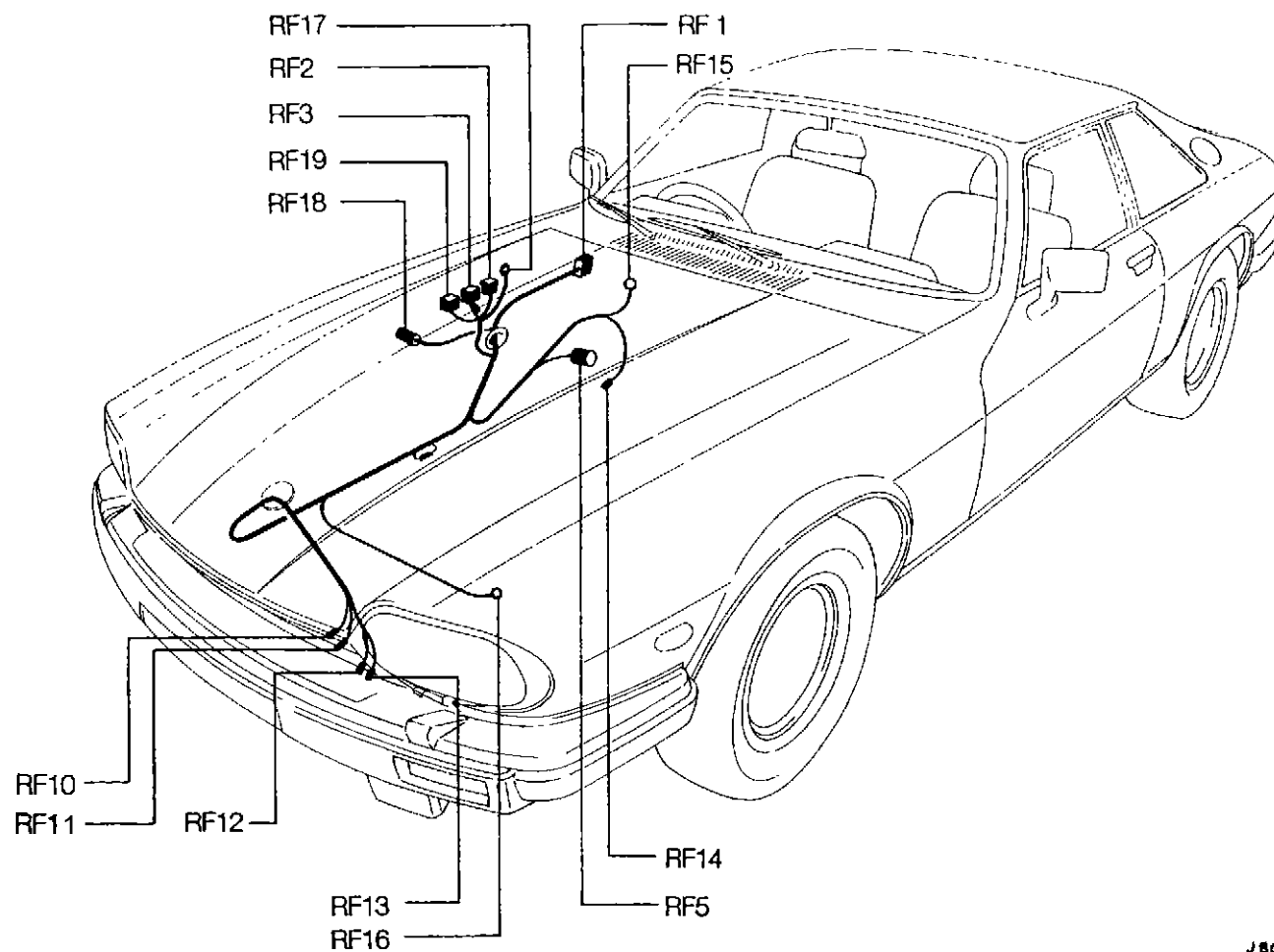


J86 1257



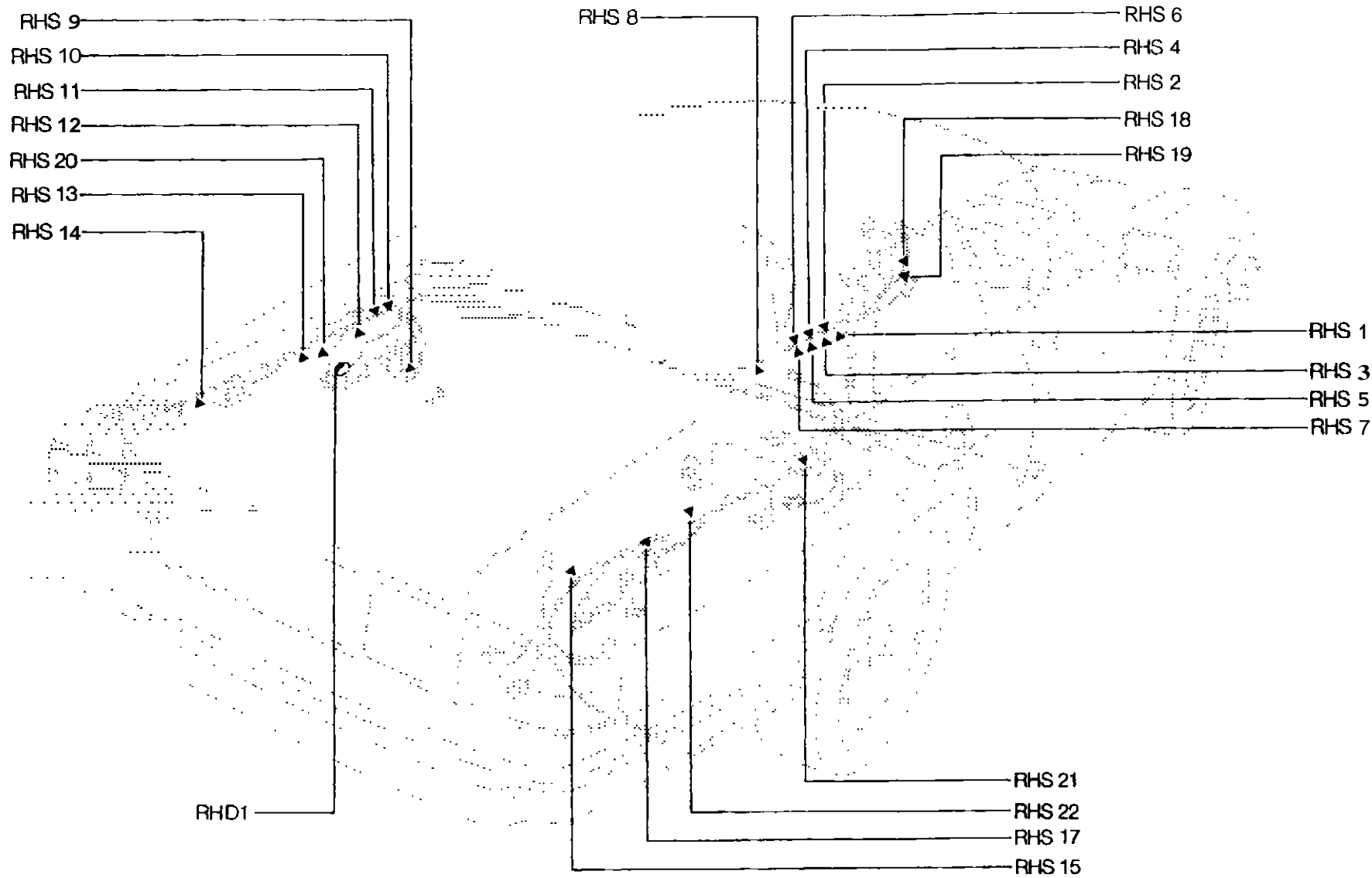


## RIGHT FORWARD HARNESS (5.3 LITRE) — CONNECTORS

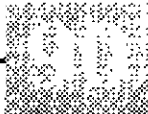


J86 1241

REARWARD HARNESS (COUPE) - SPLICES

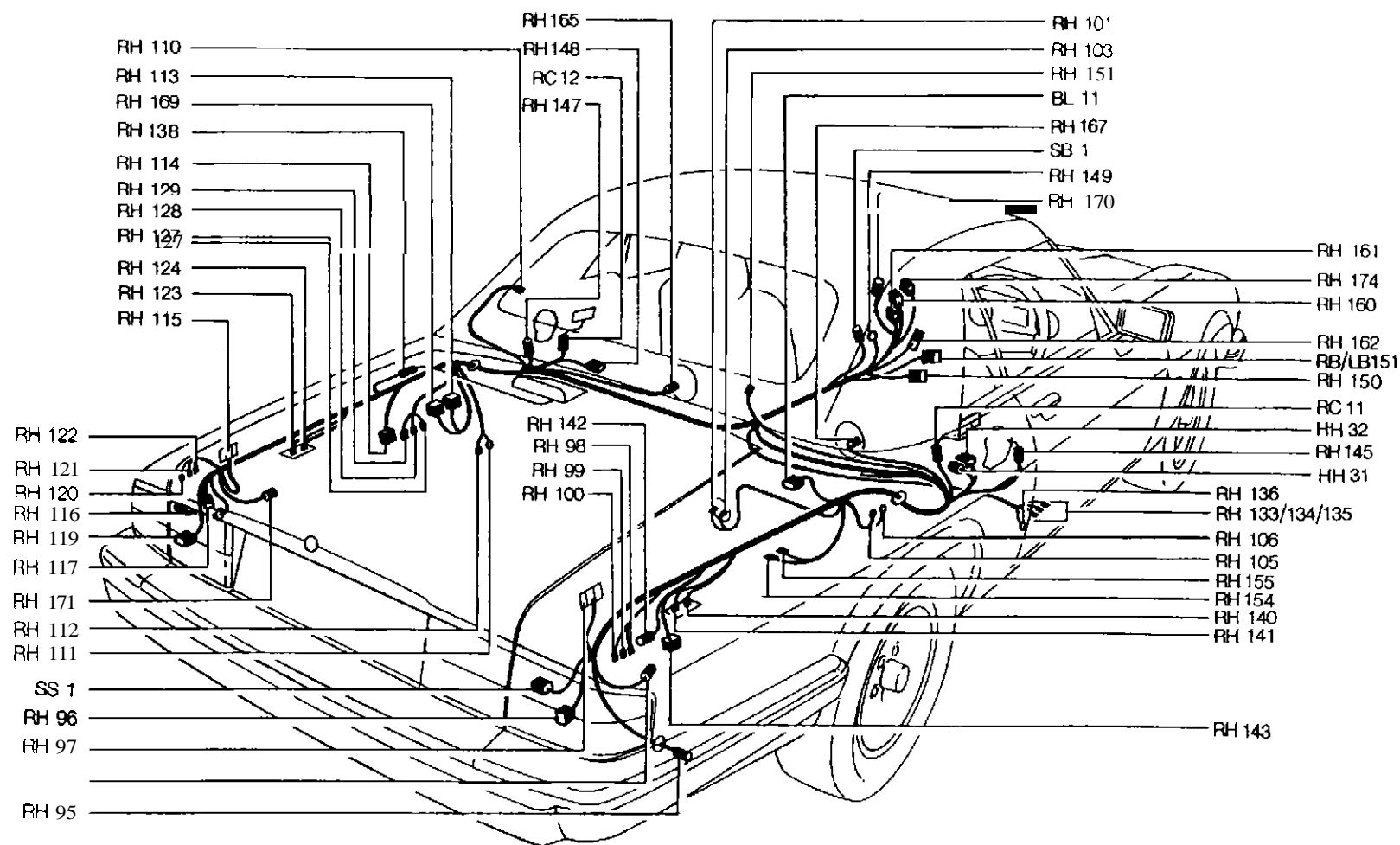


J86 1141

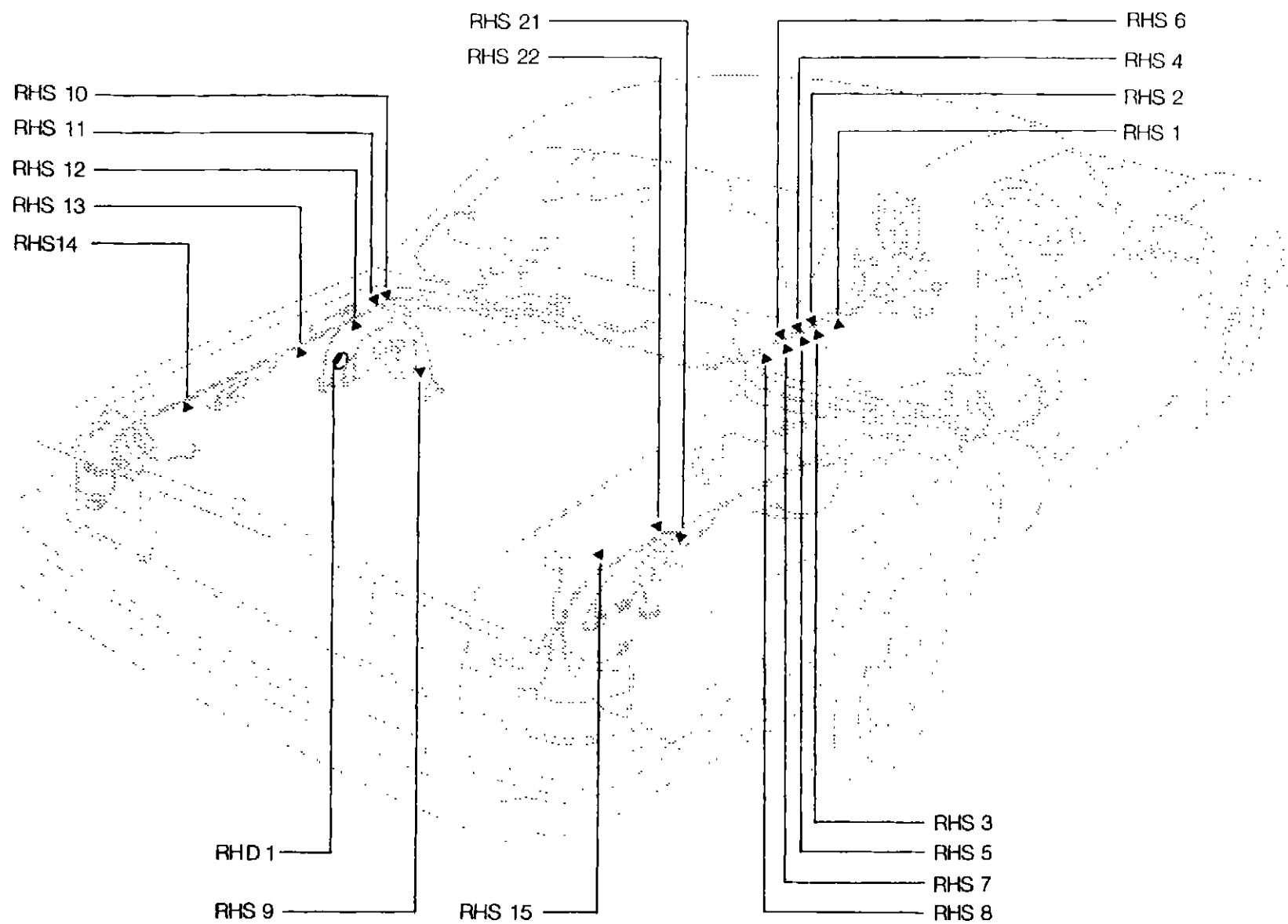




## REARWARD HARNESS (CONVERTIBLE) — CONNECTORS

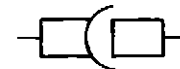


## REARWARD HARNESS (CONVERTIBLE) — SPLICES

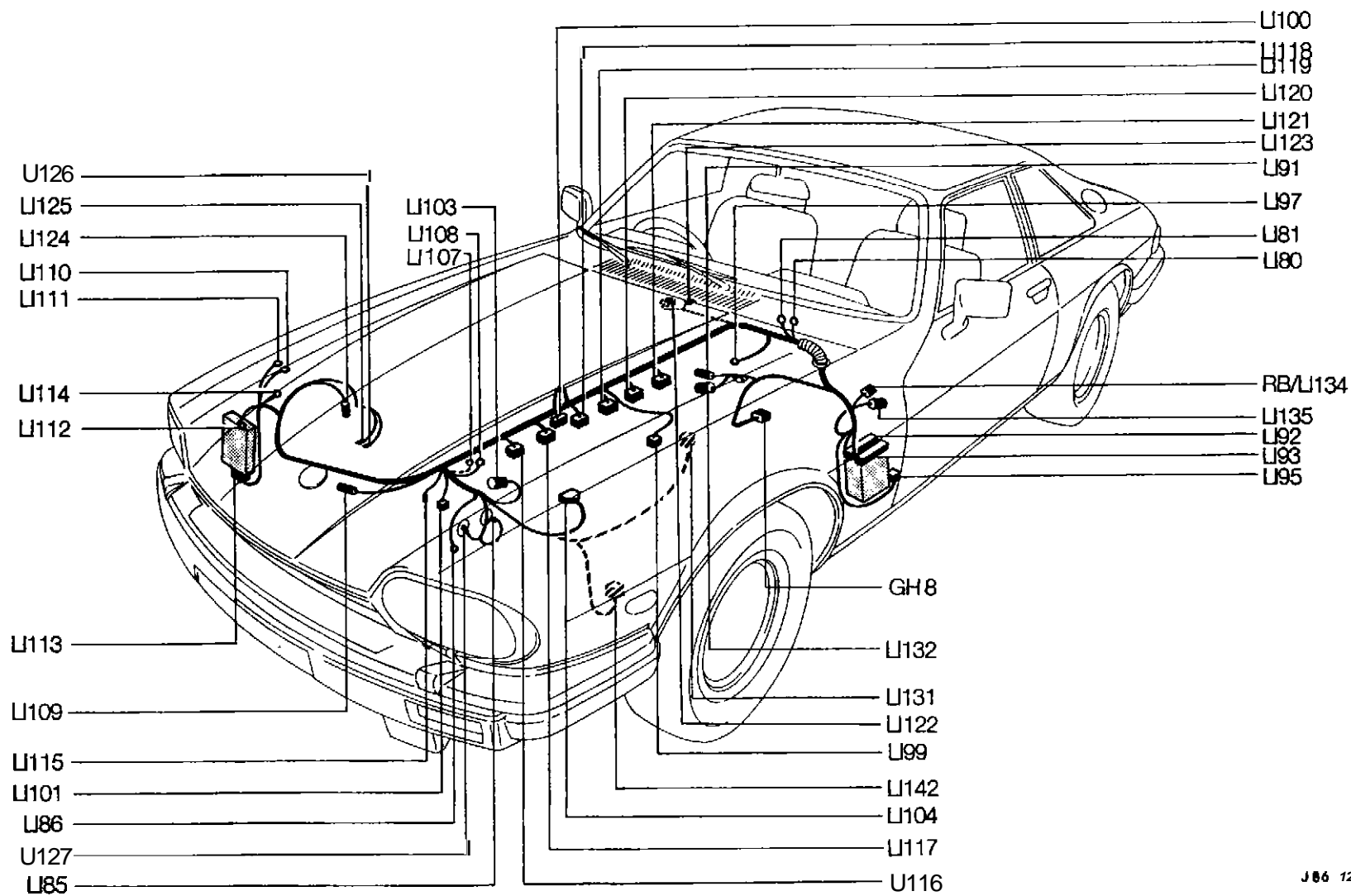


J86 1142

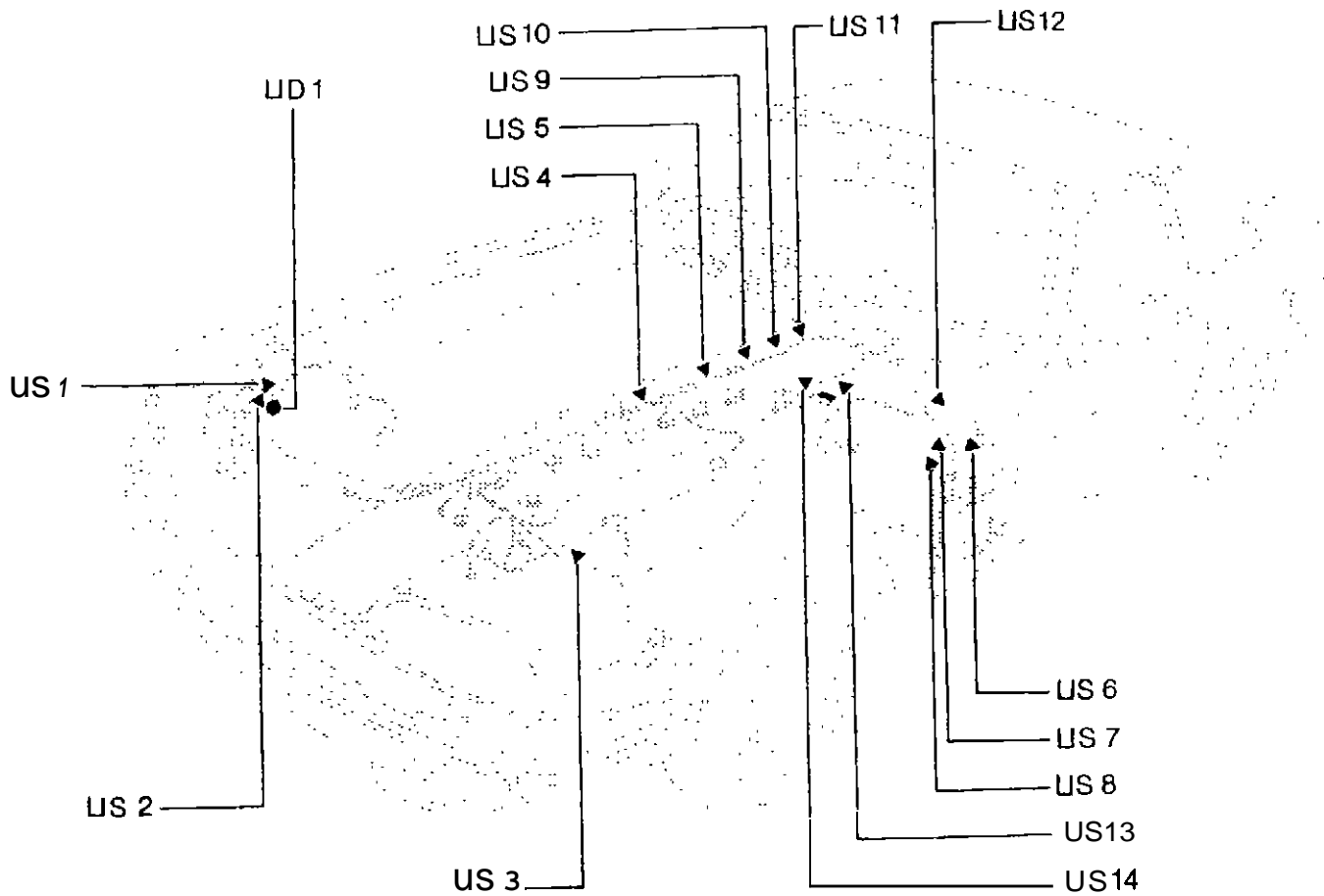




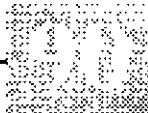
## ENGINE/PI HARNESS (4.0 LITRE) — CONNECTORS



ENGINE/PI HARNESS (4.0 LITRE) — SPLICES AND DIODES



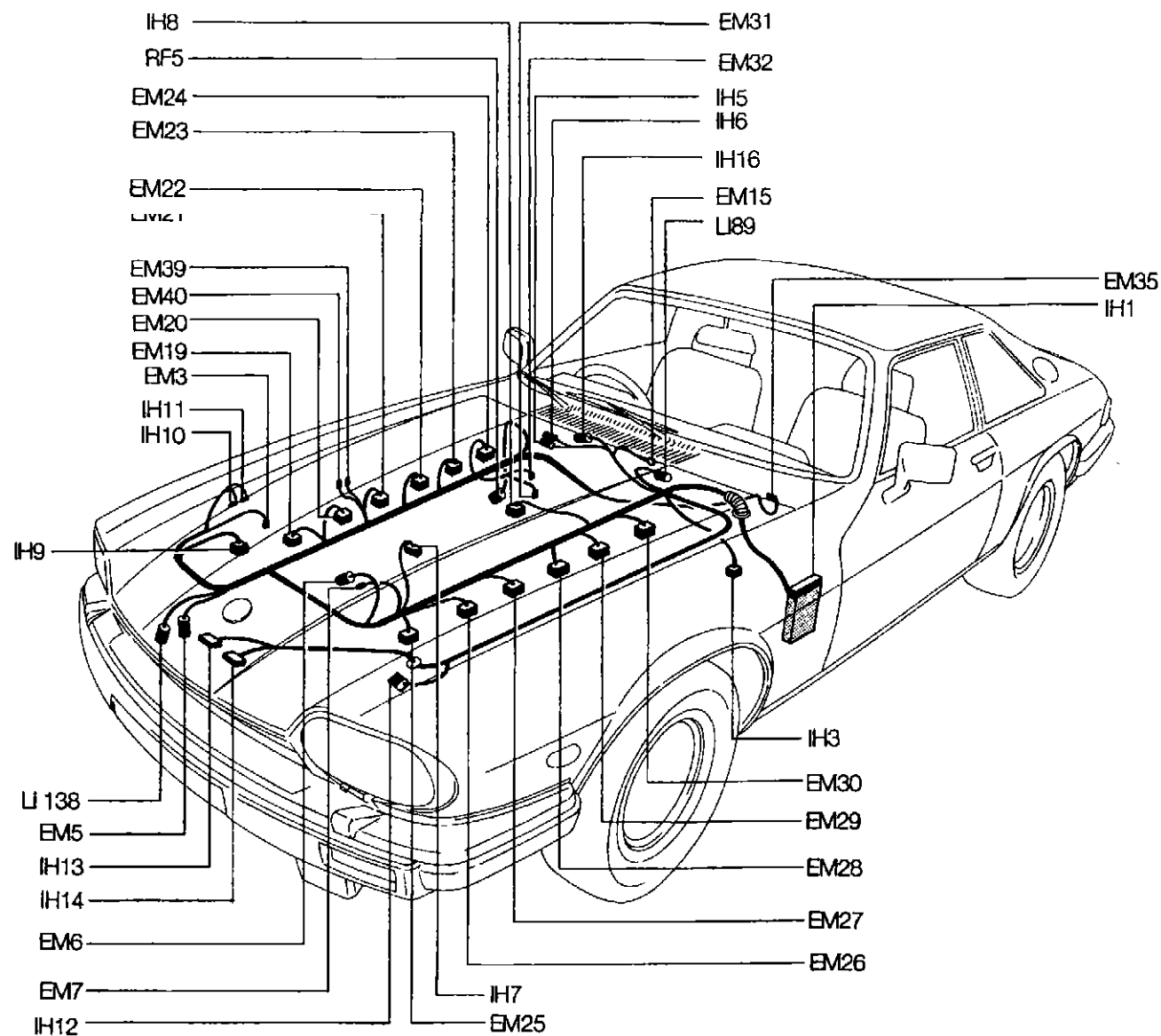
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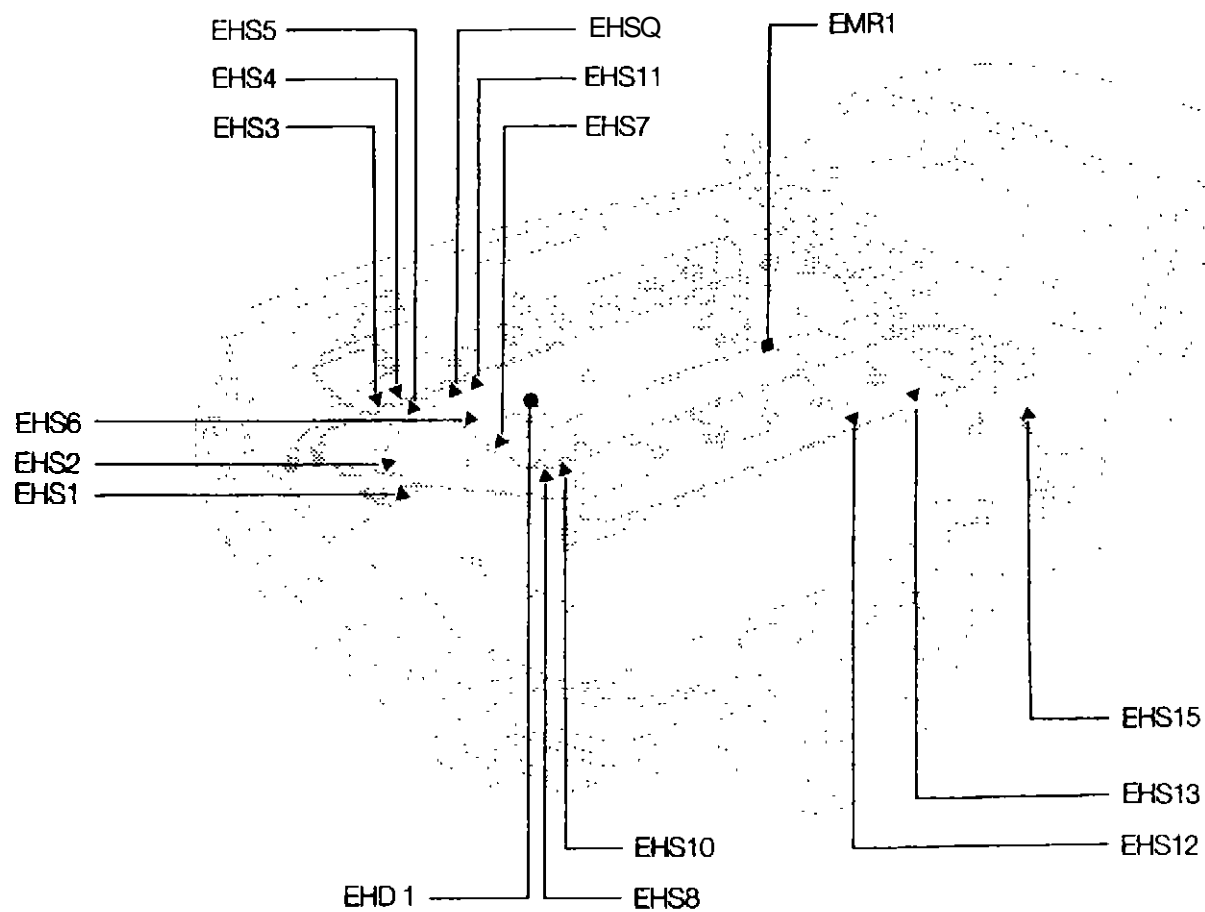




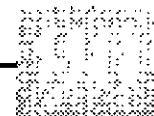
## ENGINE HARNESS (5.3 LITRE) - CONNECTORS



## ENGINE HARNESS (5.3 LITRE) — SPLICES

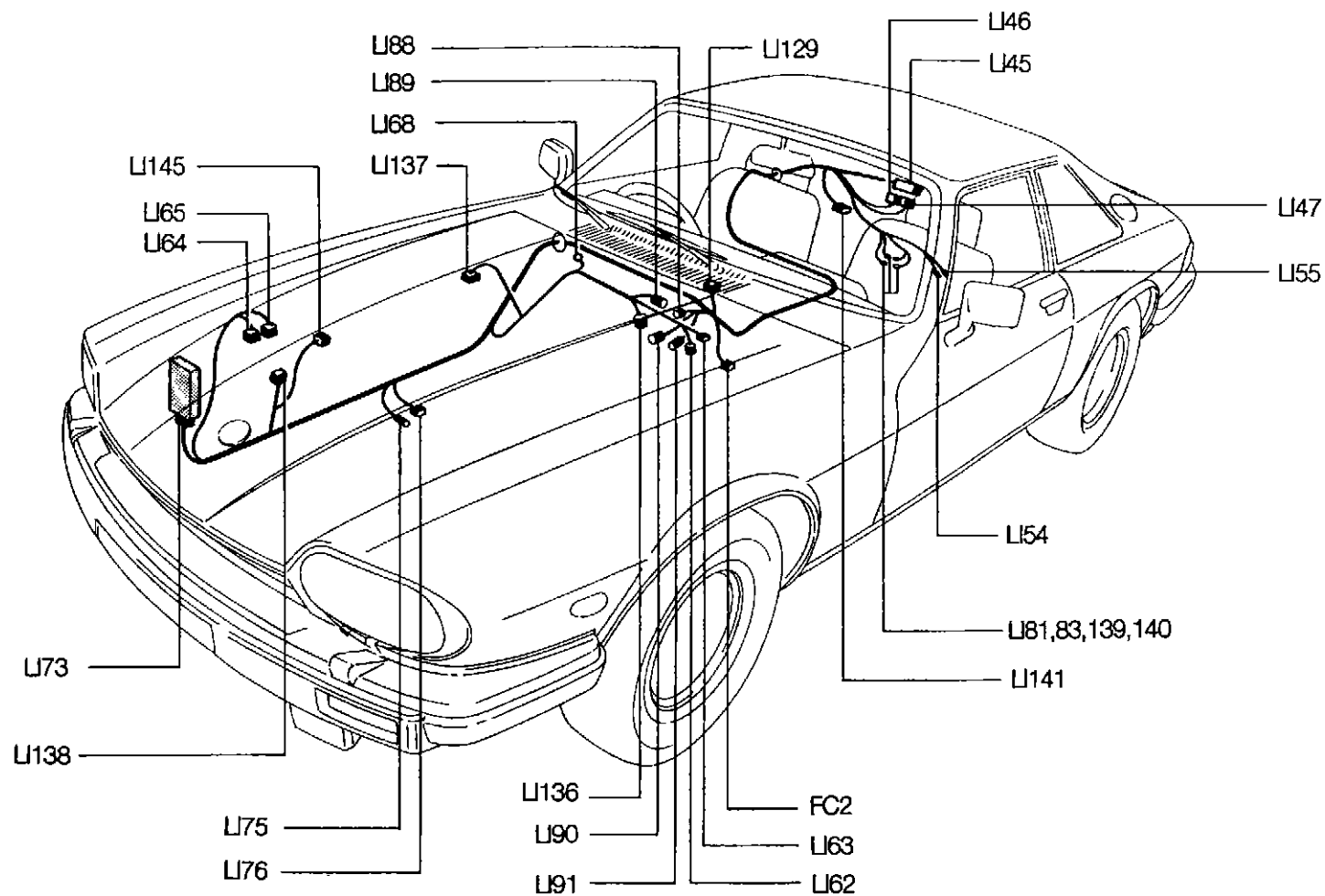


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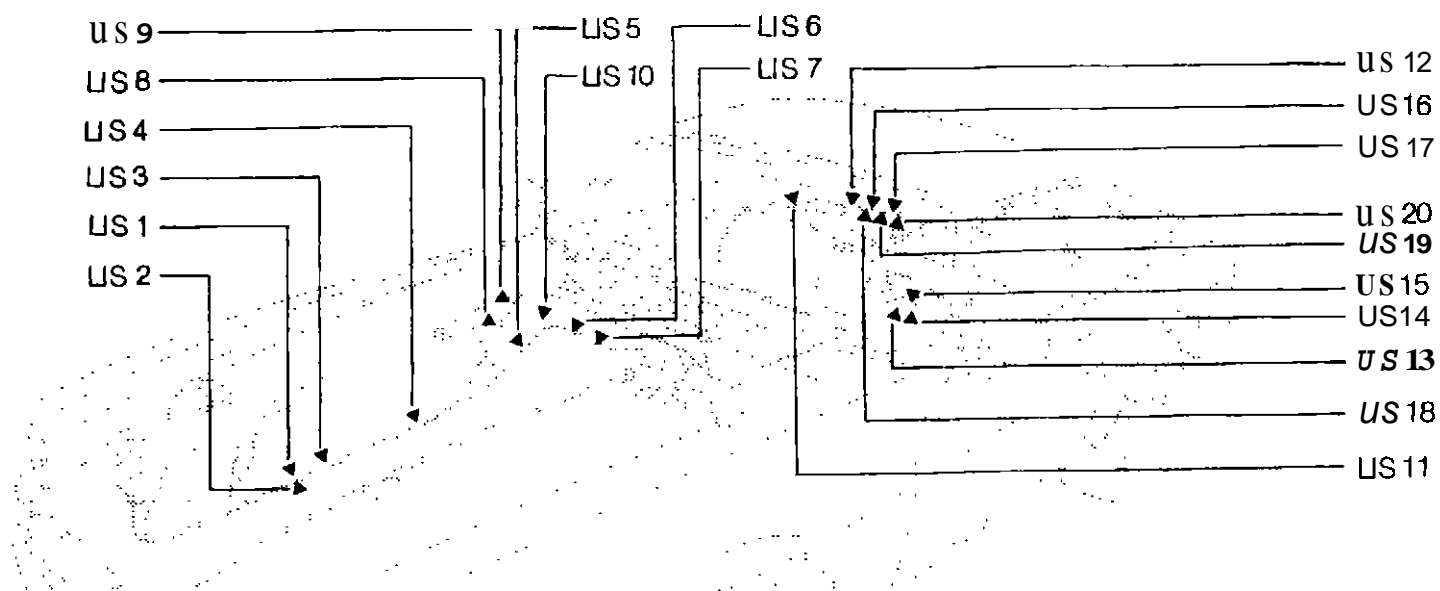


## PI HARNESS (5.3 LITRE WITH CATALYTIC CONVERTER) — CONNECTORS



J 86 1246

# PI HARNESS (5.3 LITRE WITH CATALYTIC CONVERTER) — SPLICES

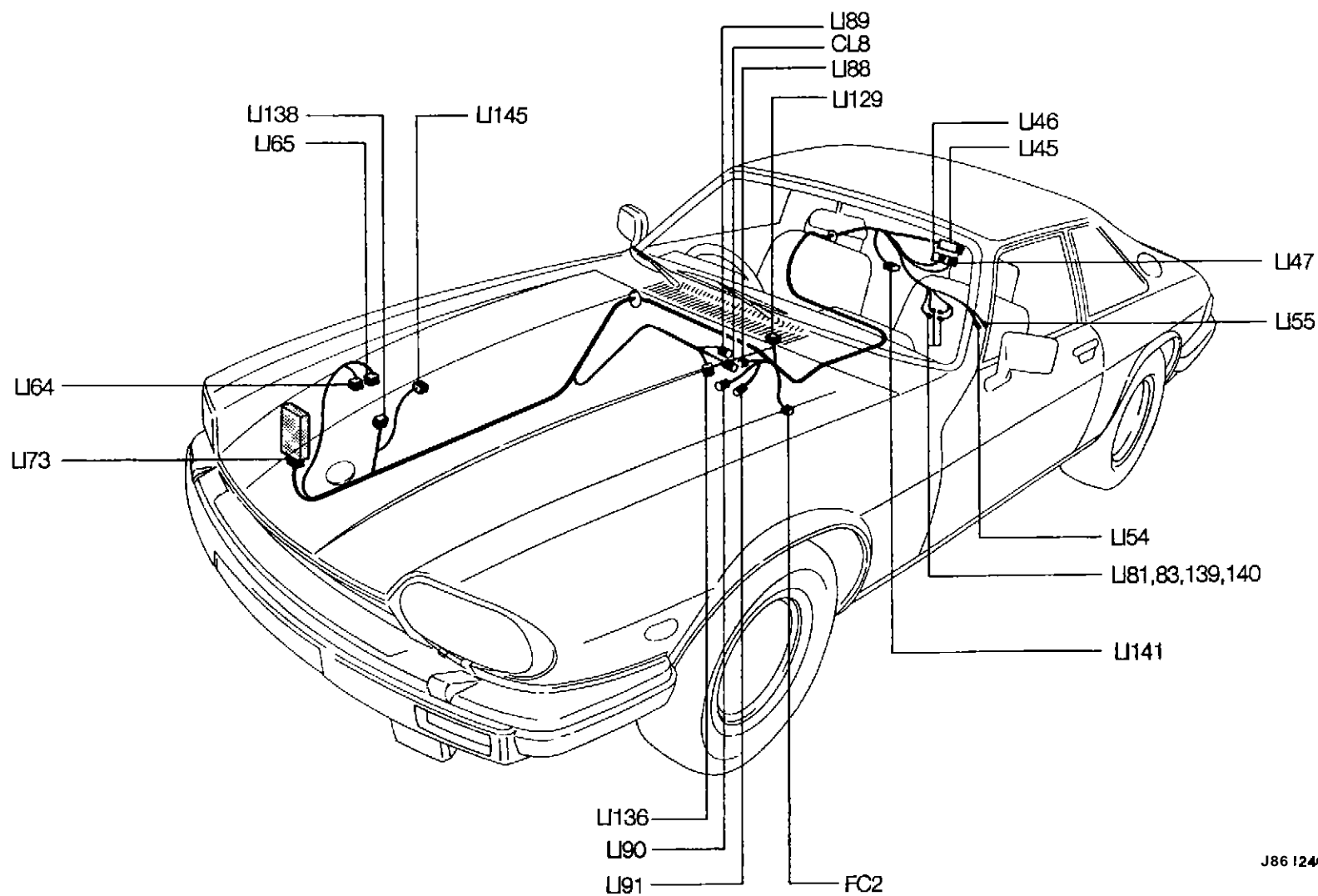


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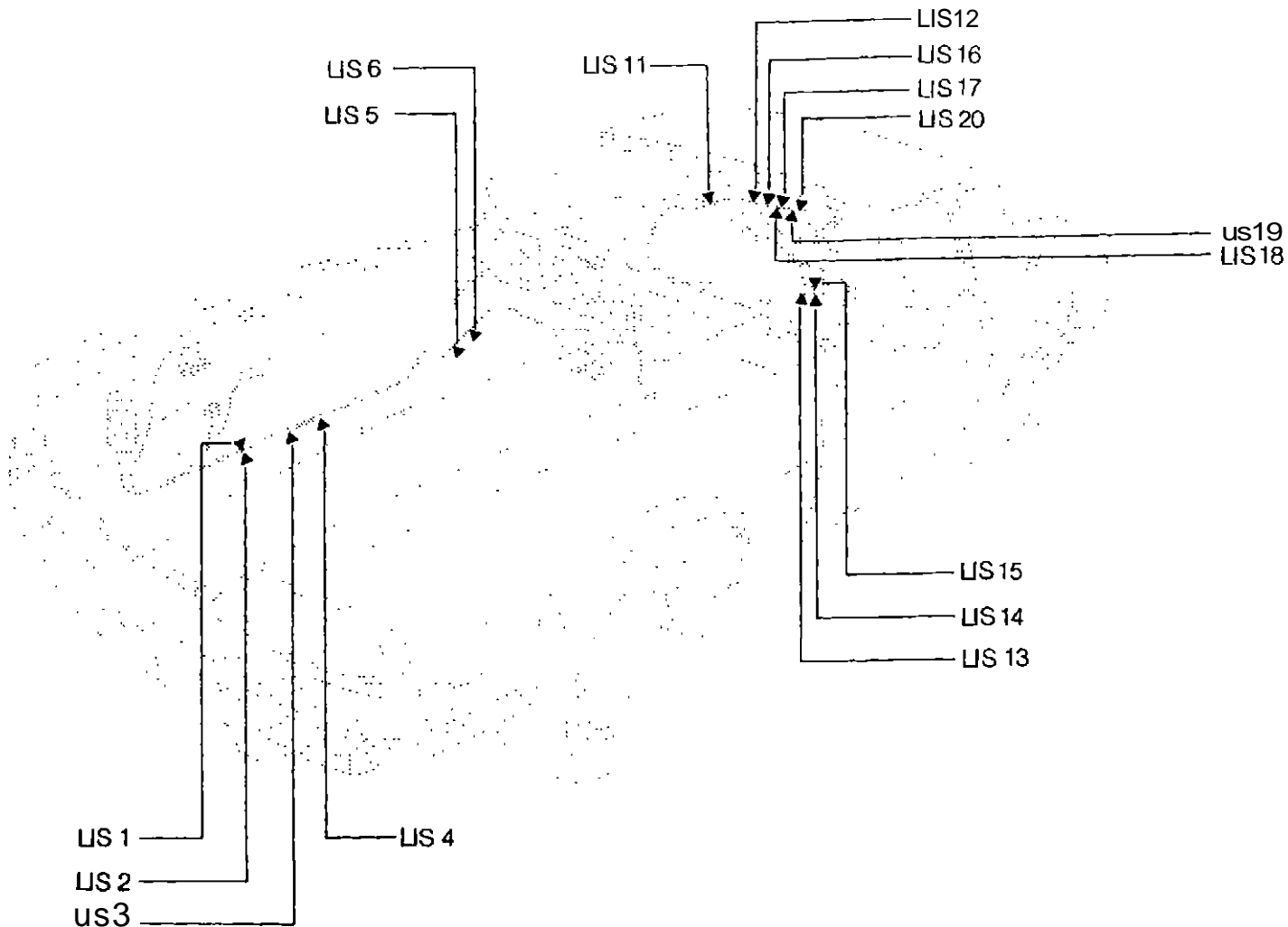


## PI HARNESS (5.3 LITRE WITHOUT CATALYTIC CONVERTER) — CONNECTORS

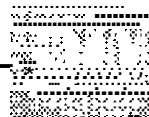


J86 1249

## PI HARNESS (5.3 LITRE WITHOUT CATALYTIC CONVERTER) — SPLICES

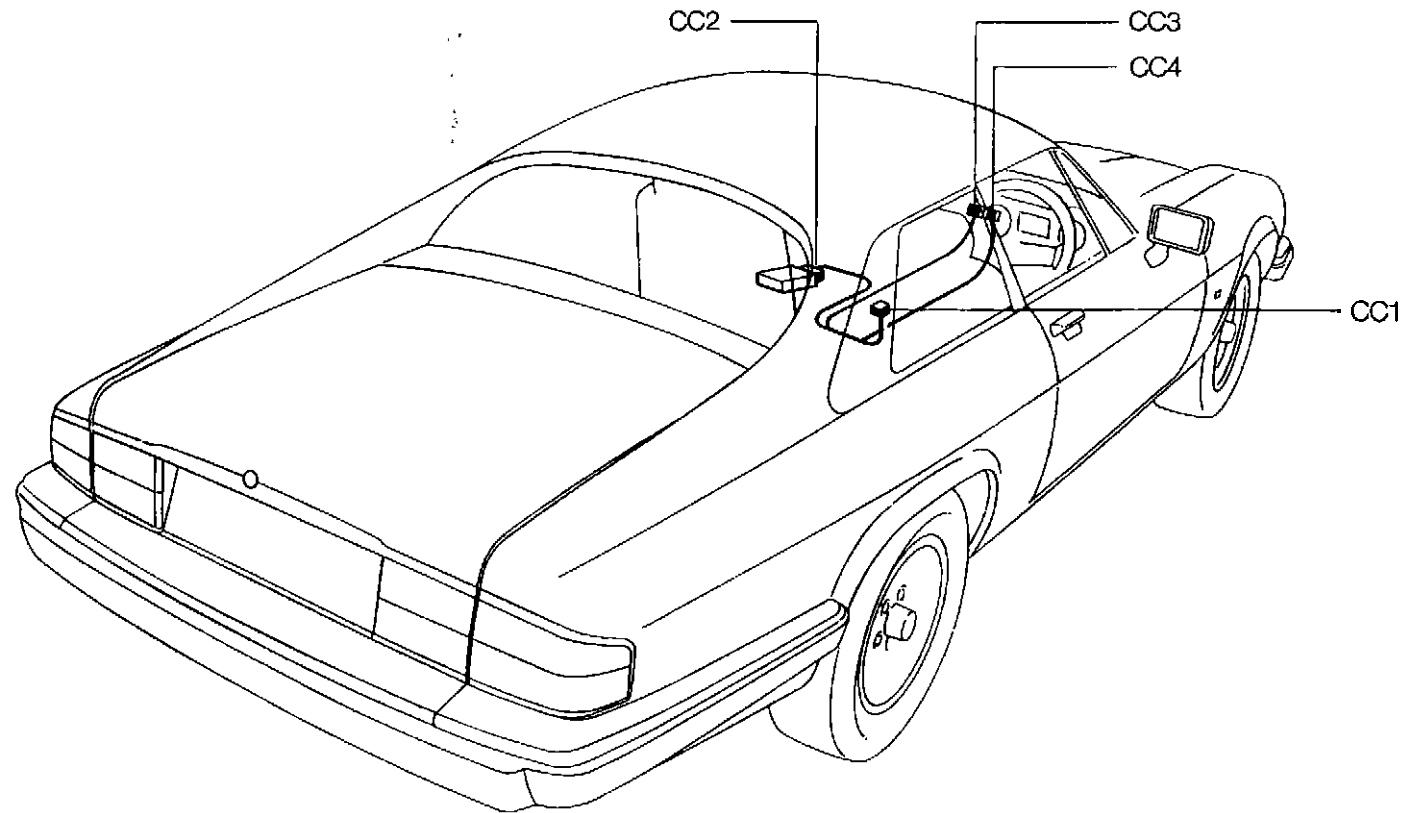


**J06 1252**



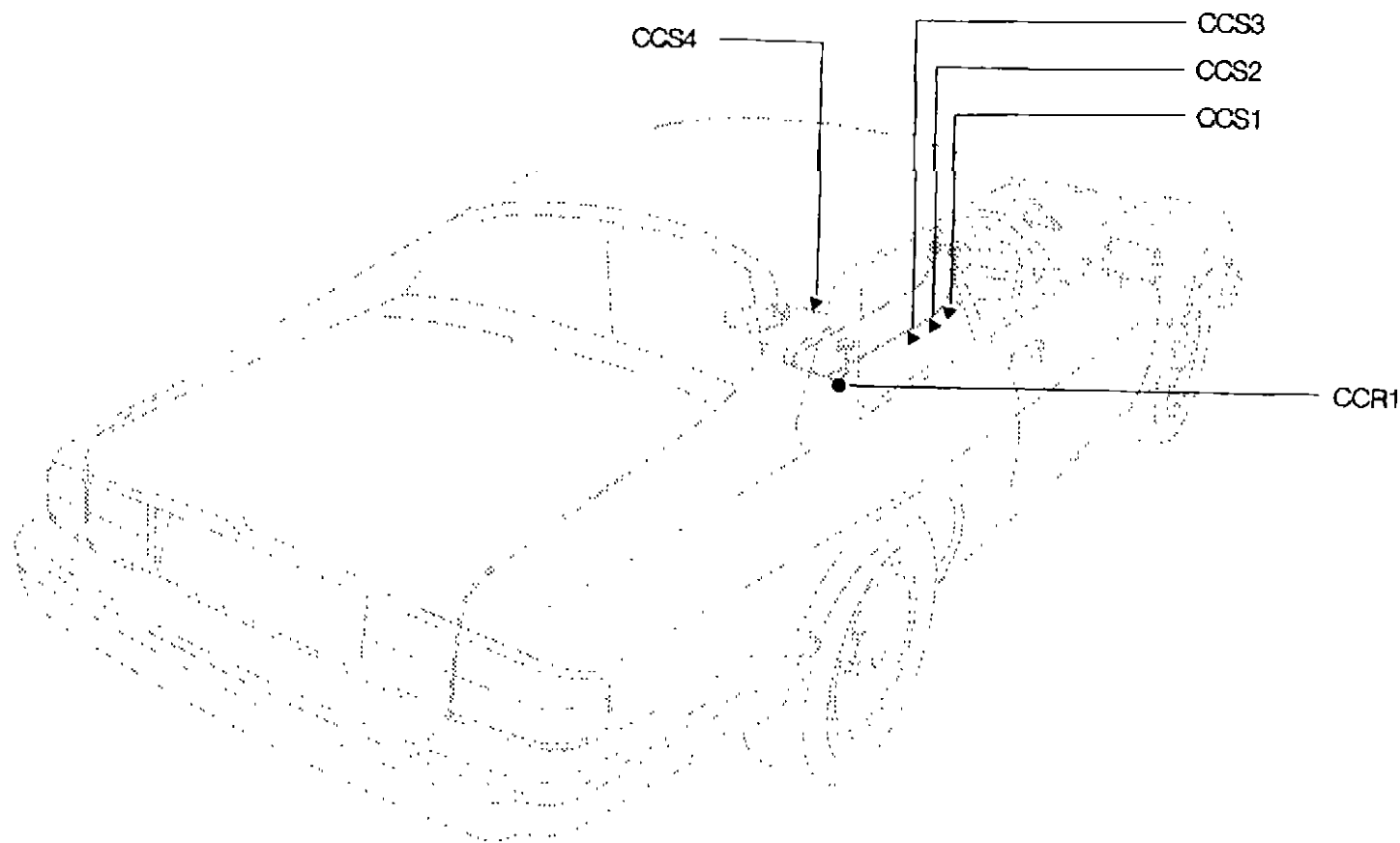


## CRUISE CONTROL HARNESS - CONNECTORS

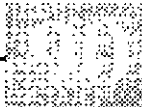


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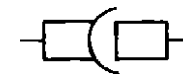
CRUISE CONTROL HARNESS — SPLICES



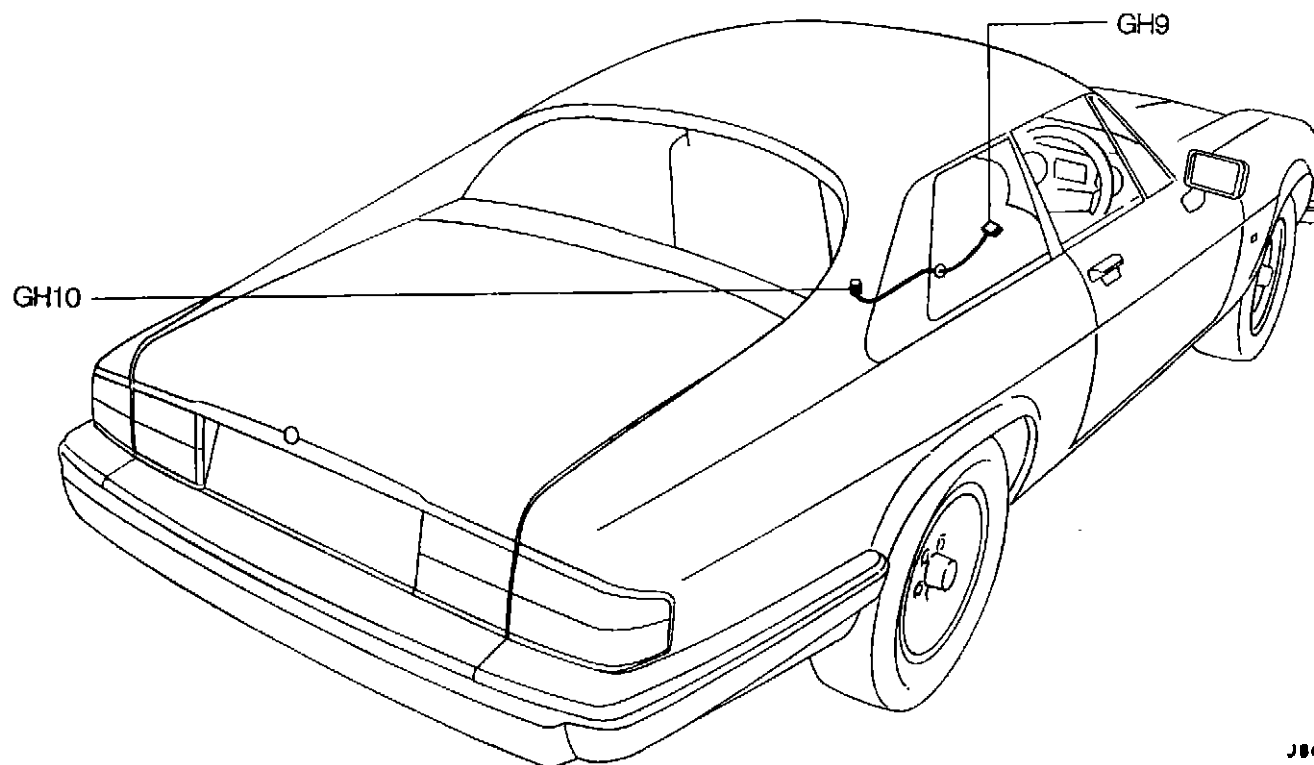
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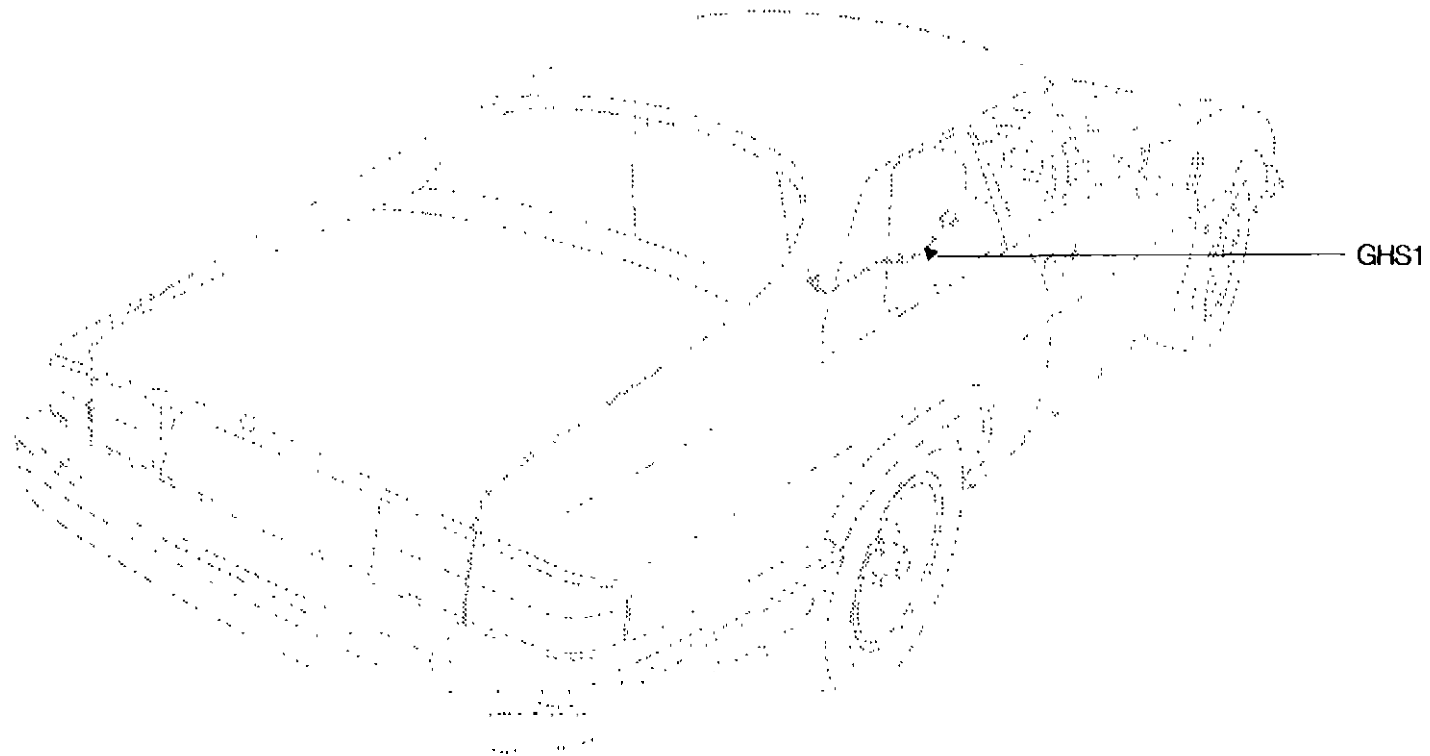


## GEARBOX HARNESS (MANUAL GEARBOX) — CONNECTORS

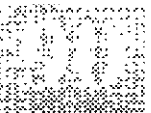


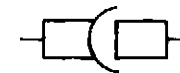
J86 1278

GEARBOX HARNESS (MANUAL GEARBOX) — SPLICES

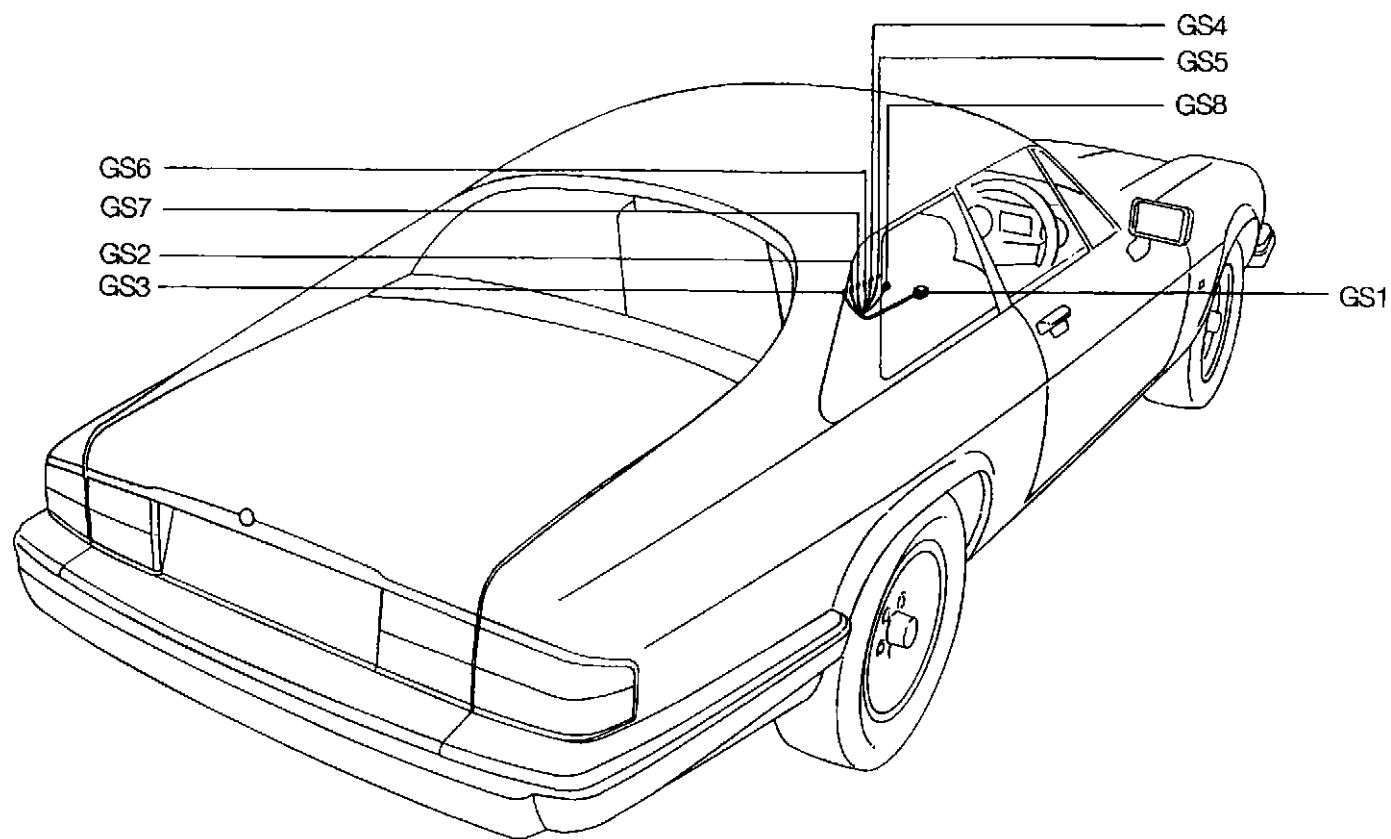


J86 1320



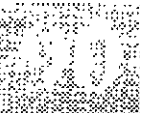
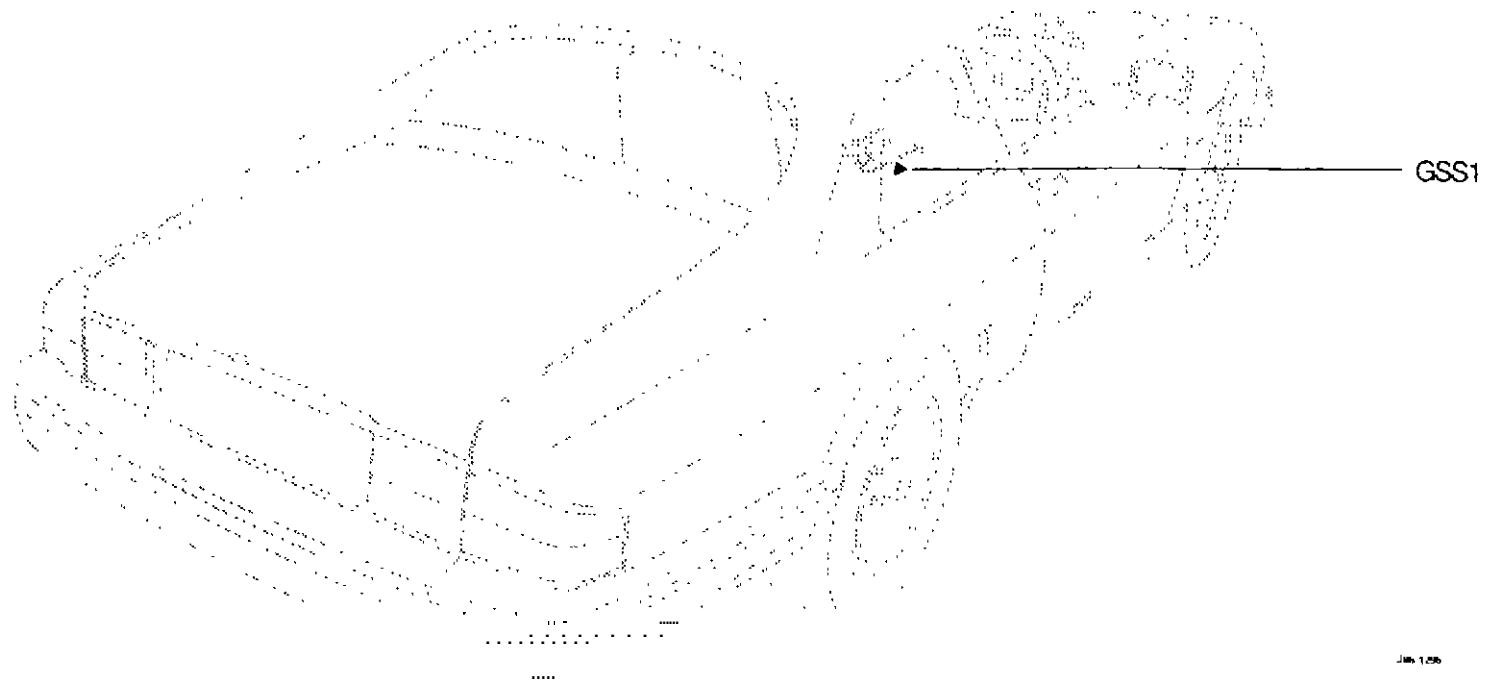


## GEARBOX HARNESS (AUTOMATIC) — CONNECTORS



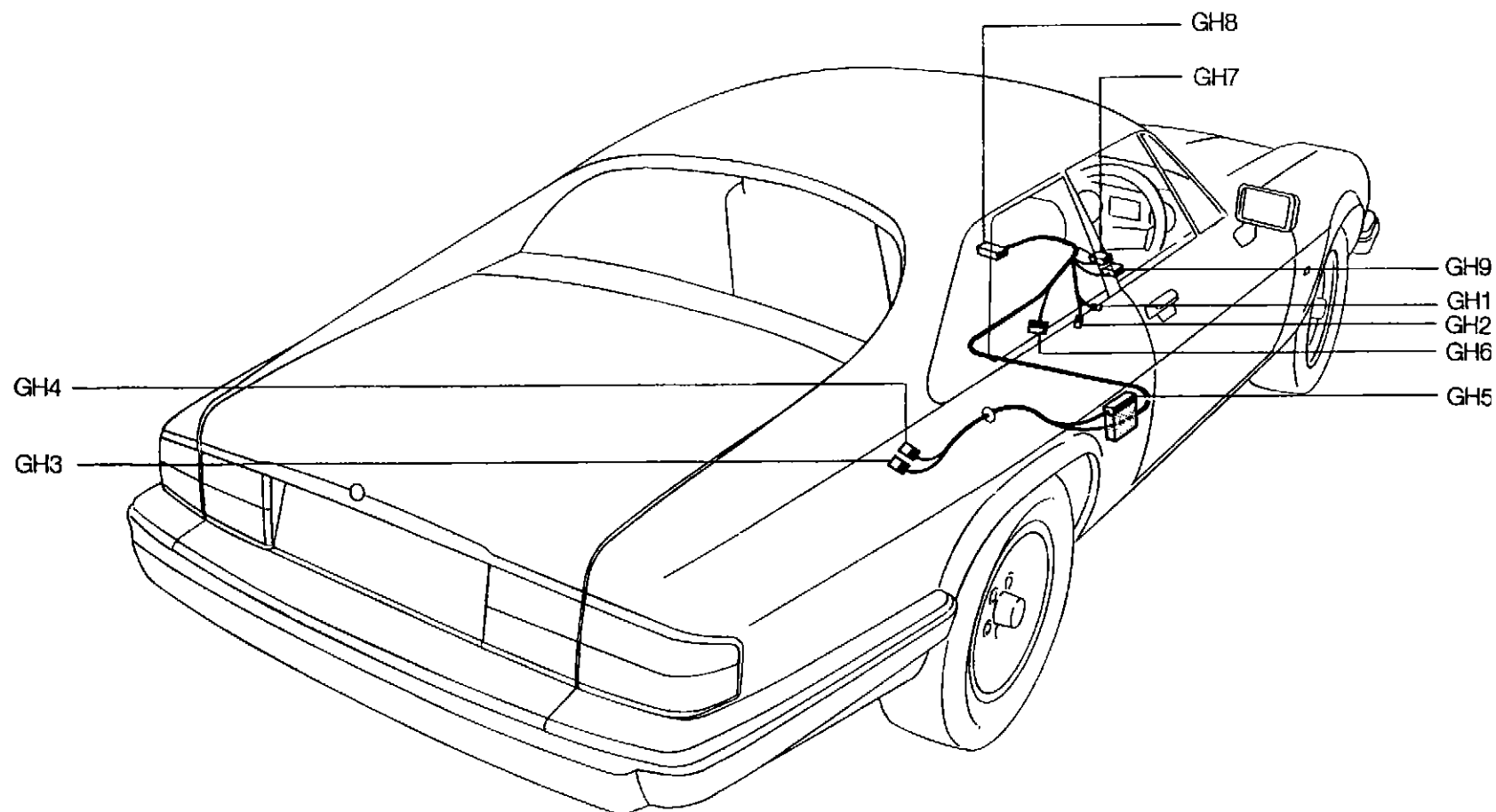
J86 1297

## GEARBOX HARNESS (AUTOMATIC) — SPLICES

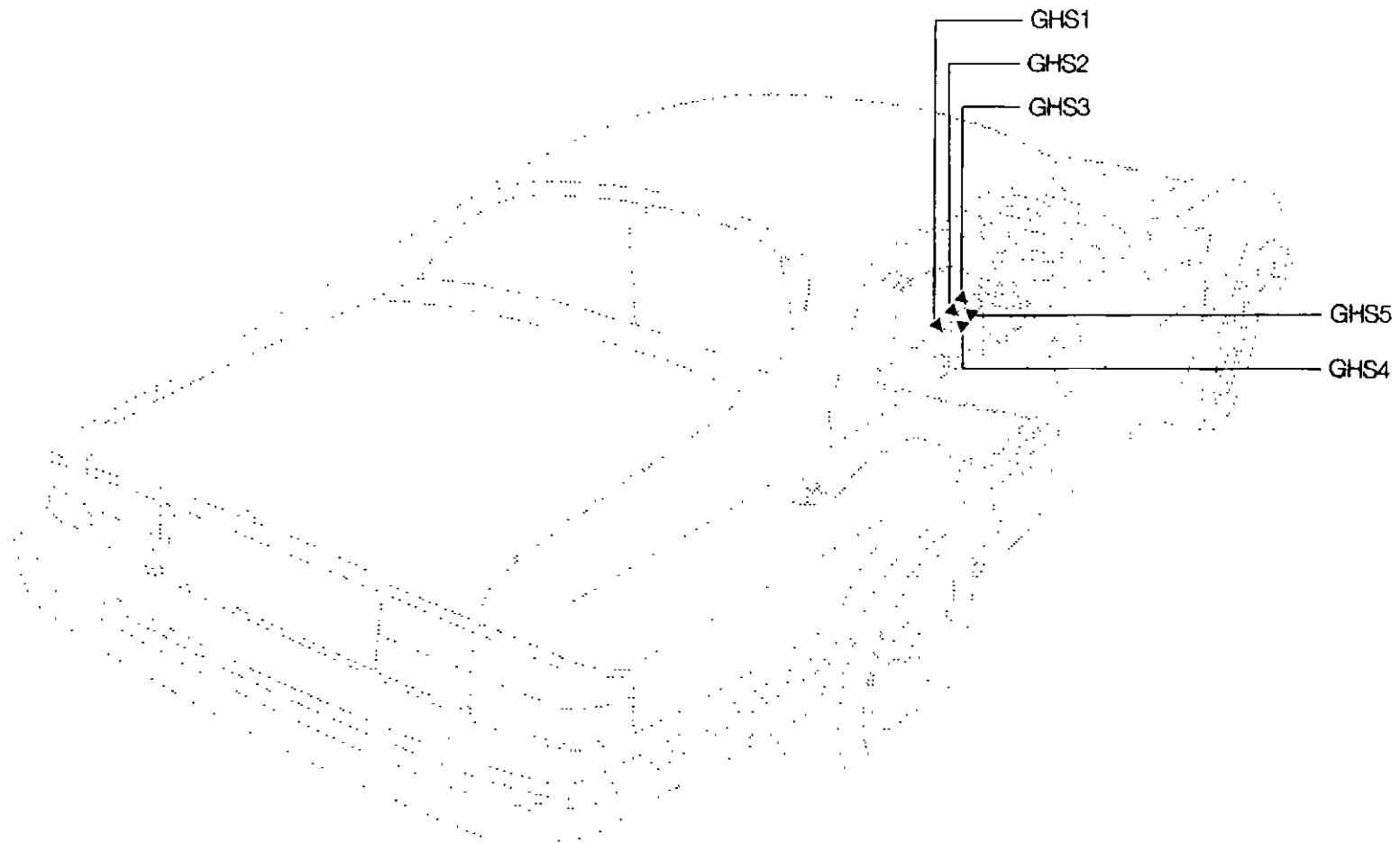




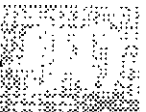
## GEARBOX HARNESS (ELECTRONIC) — CONNECTORS



## GEARBOX HARNESS (ELECTRONIC) — SPLICES

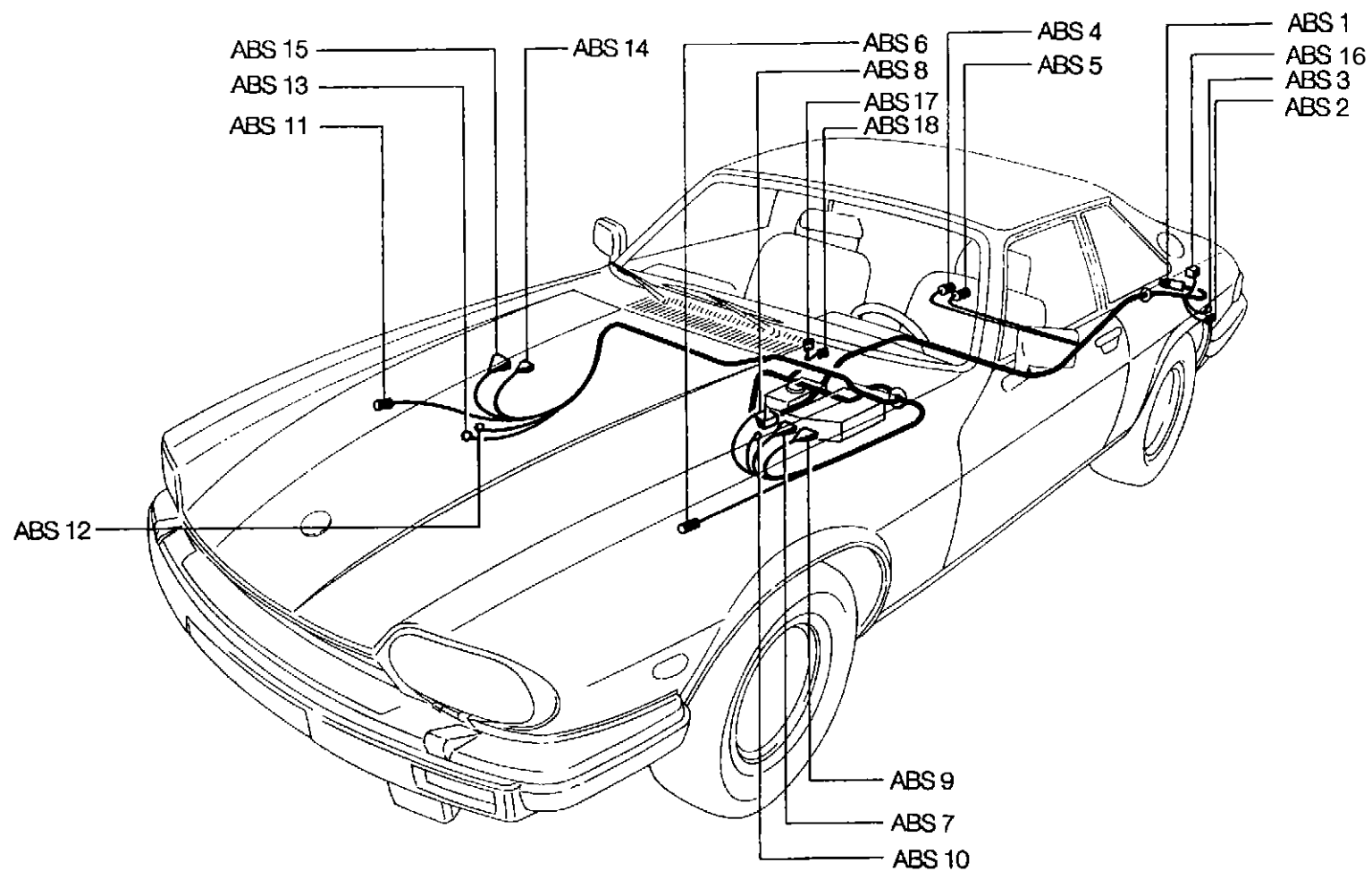


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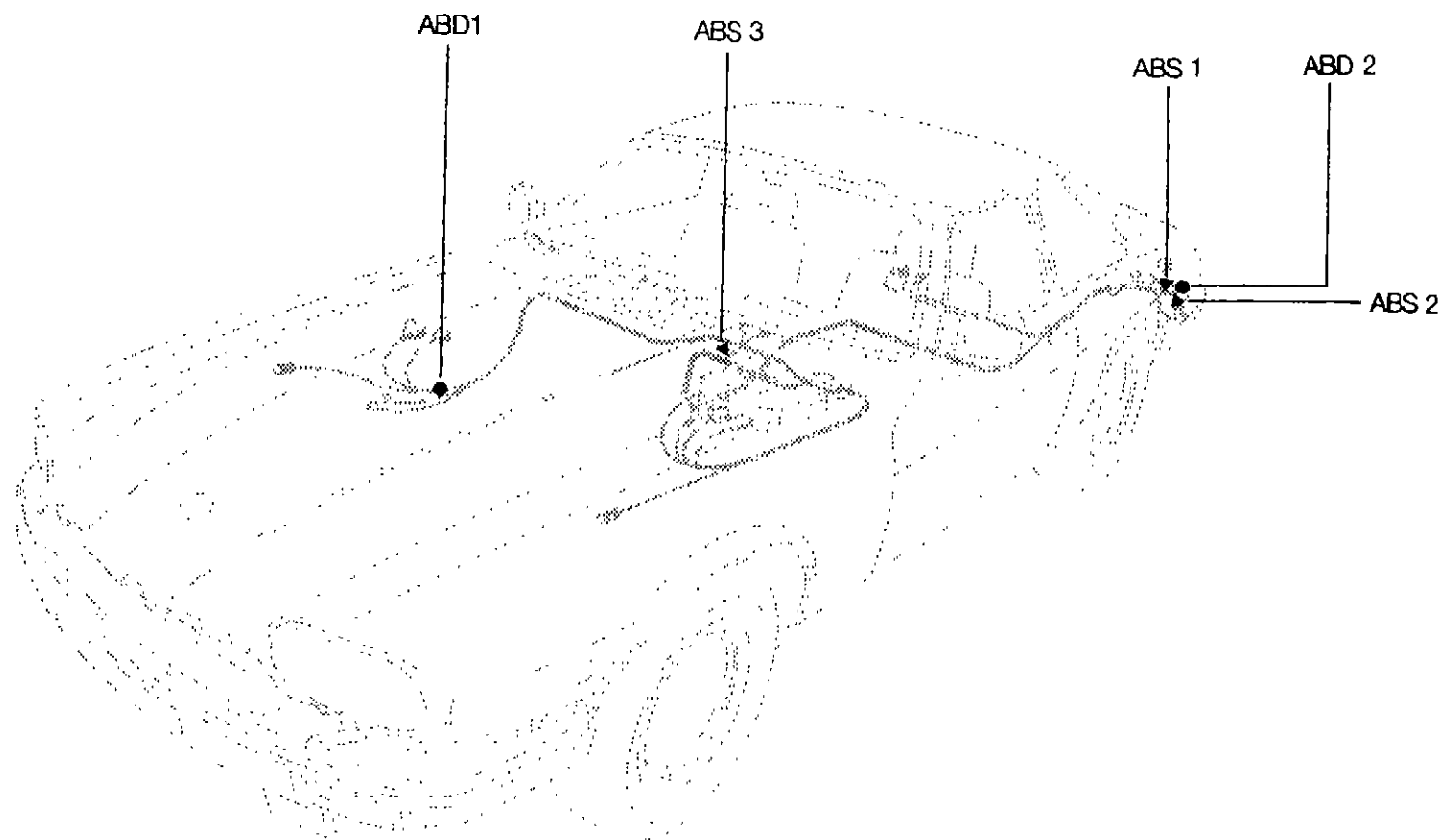




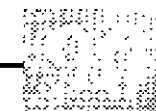
## ABS HARNESS (LEFT HAND DRIVE) — CONNECTORS



## ABSHARNESS (LEFT HAND DRIVE) — SPLICES



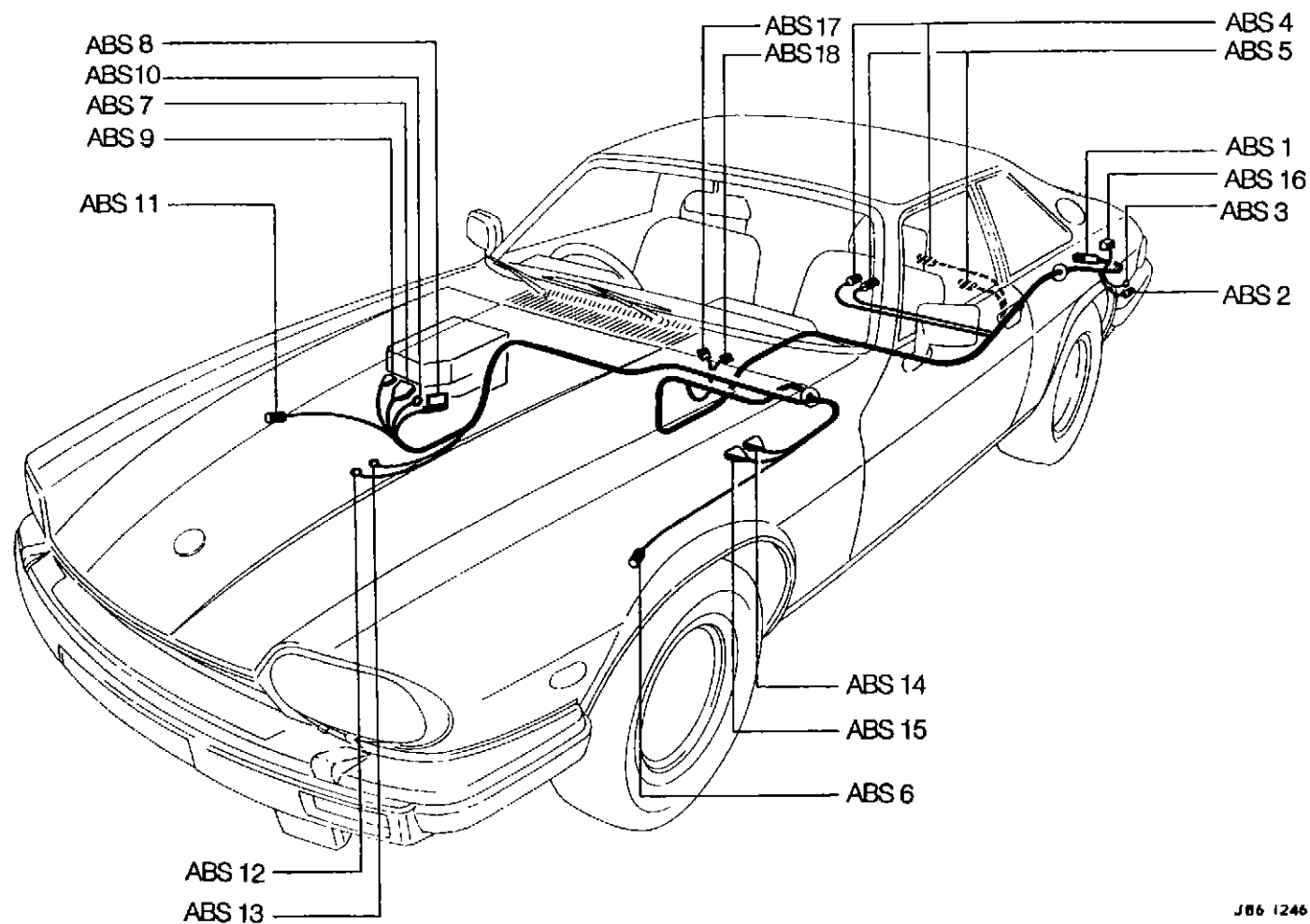
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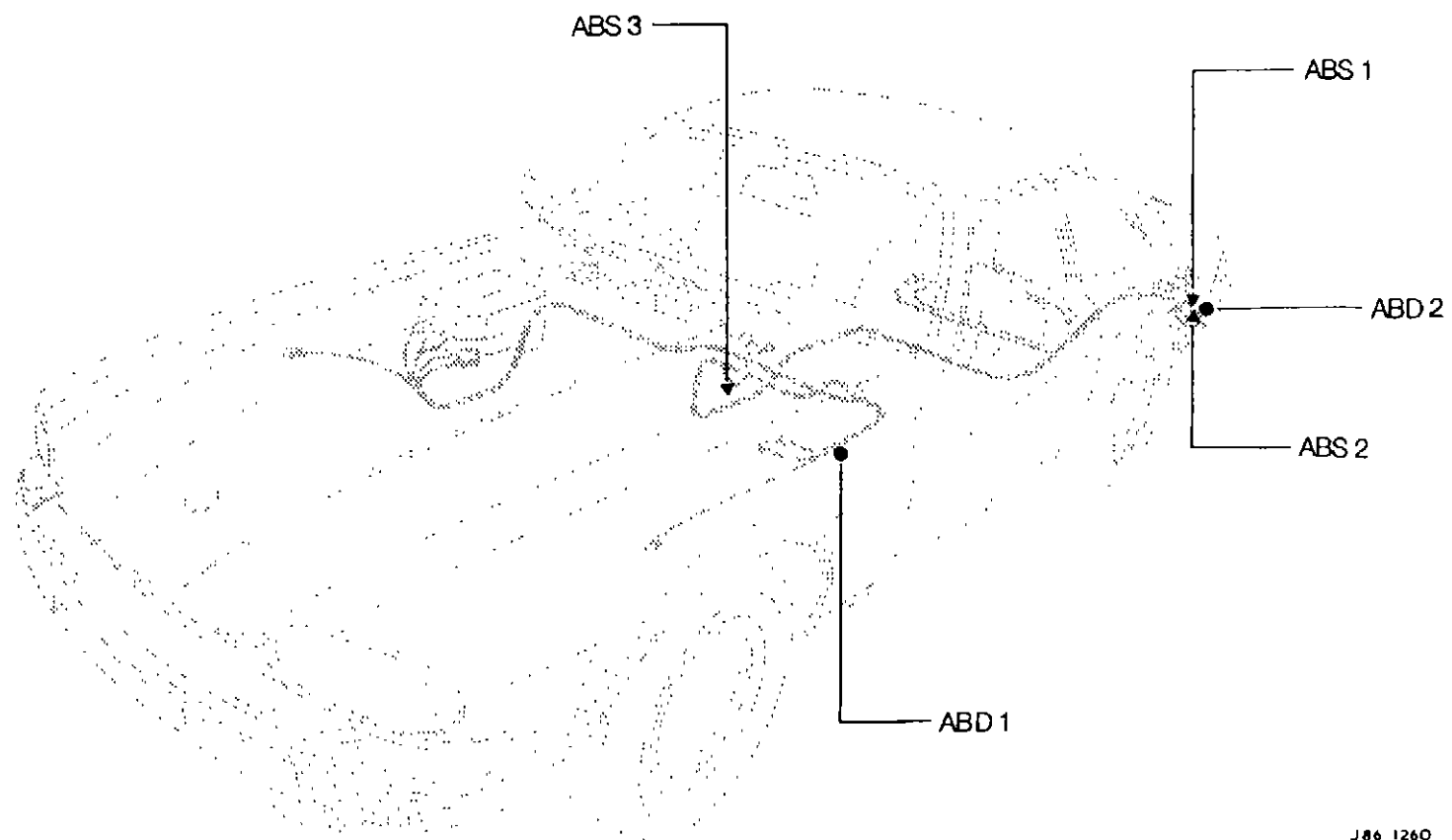




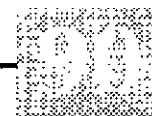
## ABS HARNESS (RIGHT HAND DRIVE) — CONNECTORS



## ABS HARNESS (RIGHT HAND DRIVE) — SPLICES



J86 1260

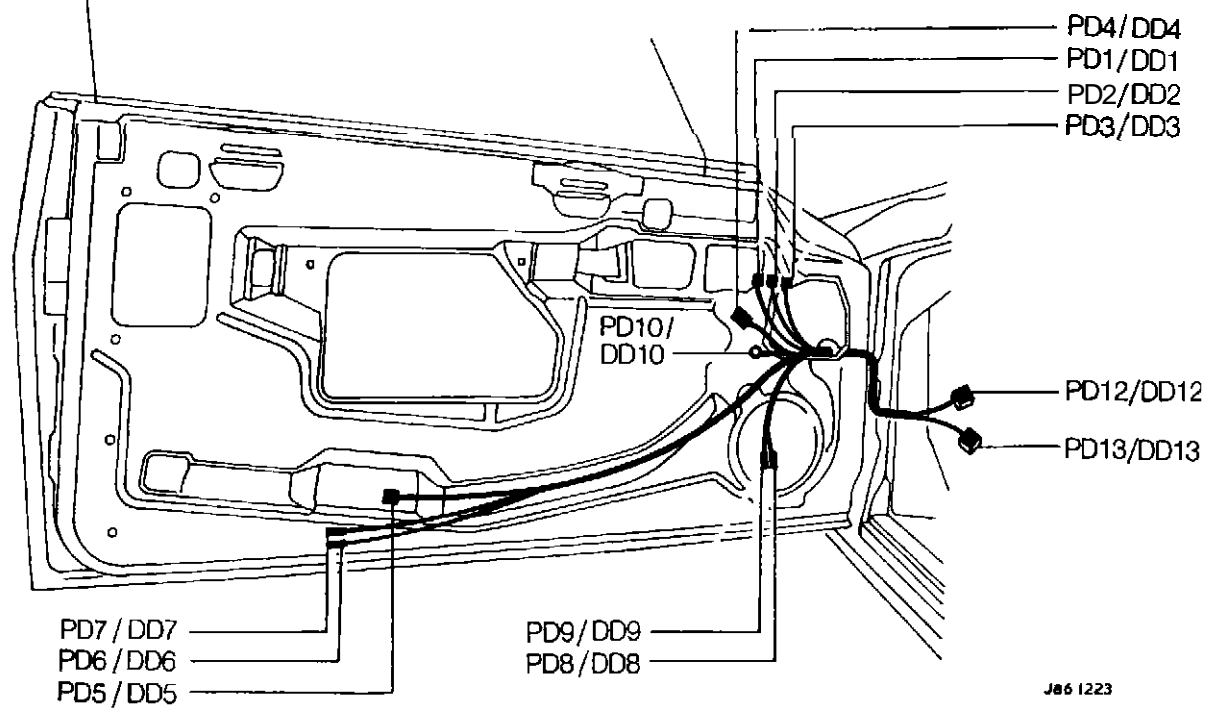




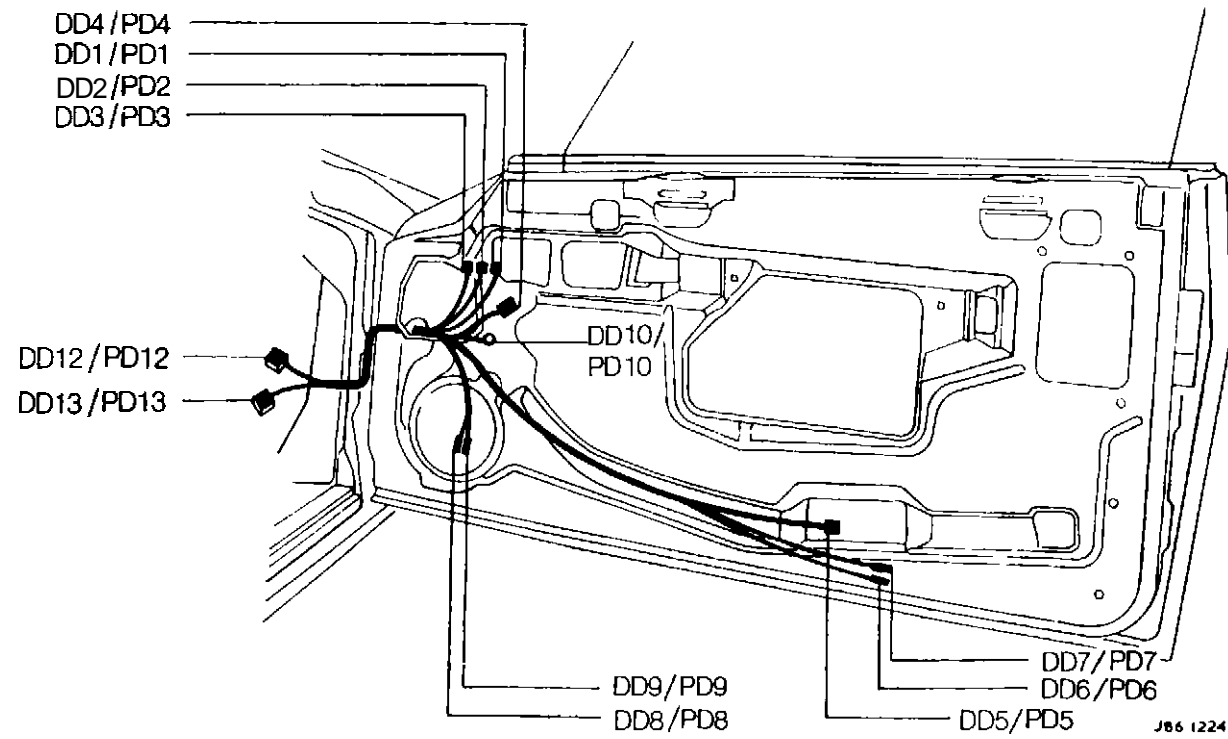
## CIRCUIT DIAGRAMS AND HARNESSES



### DOOR HARNESS (LEFT HAND)

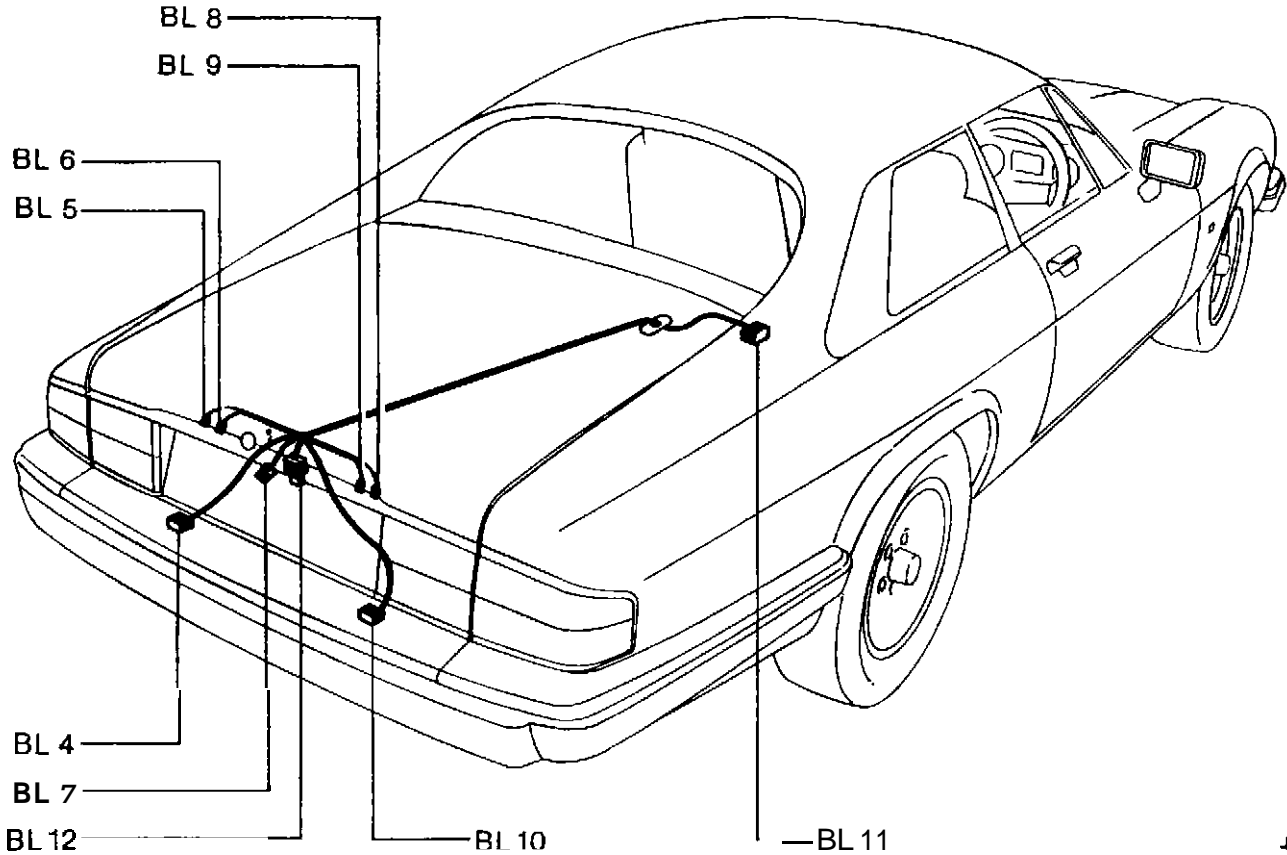


## DOOR HARNESS (RIGHT HAND)





BOOT LID HARNESS — CONNECTORS



## INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
CC1	Sumitomo 6-way socket, natural	Centre console	Remove console trim
CC3	Sumitomo 8-way connector, natural	Centre console	Remove console trim
CC4	Sumitomo 6-way connector, natural	Centre console	Remove console
CH12)	AMP single-way socket	Centre console	Console trim
CH13)			
CH16)			
CH17	Sumitomo 10-way socket, natural	Centre console	Remove console trim
S1			
DD1	Sumitomo 4-way plug, green	Driver door	Door trim
DD2	Sumitomo 6-way plug, green	Driver door	Door trim
DD4	Sumitomo 14-way socket, natural	Driver door	Door trim
DD5	Sumitomo 6-way socket, natural	Driver door	Remove door trim
DD6,7	AMP single-way socket	Driver door	Remove door trim
DD12	Sumitomo 16-way socket, green	Drivers 'A' post	Driver's footwell trim
DD13	Sumitomo 20-way socket, yellow	Driver's 'A' post	Driver's footwell trim
DH4	Sumitomo 14-way socket, natural	Driver's door	Remove door trim
DM1	PM5 connector, black	Underside of cross-member	Engine compartment
DM2	Relay base, blue	LH wing valance	Engine compartment
DR1	Relay base, blue	LH wing valance	Engine compartment
DR2	Relay base, violet	LH wing valance	Engine compartment
DR3	Relay base, violet	LH wing valance	Engine compartment
DR4	Sumitomo 6-way socket	LH wing valance	Engine compartment
DR5	Sumitomo 4-way socket	LH wing valance	Engine compartment



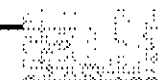


## INDEX TO CONNECTORS

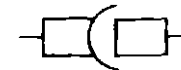
CONNR	DESCRIPTION	LOCATION	ACCESS
CC2	AMP 20-way socket, black	Beneath driver's seat	Access cover
DS1	Sumitomo 20-way plug, red	Driver's 'A' post	Driver's footwell trim
DS2	AMP 48-way socket, black	Forward of driver's seat	Access cover
DS3	AMP 12-way socket, black	Forward of driver's seat	Access cover
DS5			
DS6	Sumitomo 22-way socket, natural	Driver's 'A' post	Driver's 'A' post trim
DS7	Grote and Hartman	Forward of driver's seat	Access cover
DS8	PM4 6 way socket, brown	Forward of driver's seat	Access cover

## INDEX TO CONNECTORS

CONN R	DESCRIPTION	LOCATION	ACCESS
GH3	Relay base, black	Luggage compartment	Remove trim
GH4	Relay base	Luggage compartment-	Remove trim
GH5	ECU 38-way socket	Luggage compartment forward of RH wheel	Remove luggage compartment trim
GH6	Sumitomo 6-way connector, natural	Centre console	Remove console trim
GH7	Sumitomo 24-way connector, yellow	Centre console	Remove console trim
GH8	Sumitomo 13-way connector, natural	RH footwell	Remove footwell trim
GH9	Sumitomo 14-way connector, natural	Centre console	Remove centre
HH18	Sumitomo 2-way socket, natural	)	
HH19	Fuse holder	)	
HH20	Relay base, natural	)	
HH21	Relay base, yellow	)	
HH22	Relay base, blue	)	
HH23	Relay base, green	)	
HH24	Relay base, black	)	
HH25	Relay base, red	)Hood equipment panel	Remove rear seats
HH26	Sumitomo 13-way socket, natural	)	
HH27)	AMP single-way socket	)	
HH28)		)	
HH29)		)	
HH30)		)	
HH31	PM4 6-way plug, brown	)	
HH32	Sumitomo 6-way plug, natural	)	
HS	Relay base	LH and RH blower motor orifice	Remove blower motor





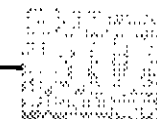


### INDEX TO CONNECTORS

CONN R	DESCRIPTION	LOCATION	ACCESS
LB128	AMP single-way socket	Component mounting plate	Remove footwell trim
LB129	PM5 3-way socket	Doors	Remove door trim
LB130	PM5 3-way socket	Seat belt anchorage	Remove centre console
LB134	Sumitomo 8-way plug, red	Bulkhead	Remove footwell trim
LB135	Sumitomo 14-way plug, natural	Driver's door	Remove door trim
LB138	Sumitomo 14-way socket, black	Passenger's 'A' post	Remove 'A' post trim
LB139	Relay base, black	Passenger's underscuttle	Footwell trim
LB140)	Sumitomo 2-way socket, natural	Driver's 'A' post	'A' post/footwell trim
LB141)	AMP singleway	Passenger dash panel	Remove footwell trim
LB142	socket		

## INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
LE144	Relay base, red	Passenger underscuttle	Remove footwell trim
LE145	Eyelet	Bulkhead	Engine compartment
LE146	Eyelet	Bulkhead	Engine compartment
LE148	Sumitomo 16-way socket, natural	Bulkhead	Engine compartment
LE149	AMP 12-way socket	Bulkhead	Engine compartment
LE150	Sumitomo 6-way socket, natural	Driver's footwell	Remove footwell trim
LE157	Sumitomo 4-way connector, natural	Centre console	Remove console trim
LE160	Sumitomo 2-way socket, natural	Passenger's 'A' post	Remove 'A' post trim
LE161	Eyelet (earth)	Door-above radio speaker	Remove door trim
LE162	Sumitomo 6-way connector, red	Centre console	Remove console trim
LE165	PM5 3-way connector, black	Centre console	Remove radio telephone
LE166	PM5 3-way connector, violet	Driver's footwell	Remove footwell trim
LE167	Sumitomo 4-way socket, red	Driver's underscuttle	Remove footwell trim
LB170	Relay base, red	Relay mounting plate	Remove footwell trim
LE171	ESPA 8-way socket, black	Column switchgear-RH side	
LE172	Relay base	Relay plate, driver side	Remove footwell trim
LE173	Relay base, blue	Compt plate, driver side	Remove footwell trim
LE174	Relay base, green	Compt plate, driver side	Remove footwell trim
LE175	Relay base, green	Driver's underscuttle	Driver's footwell trim
LE176	Sumitomo 6-way socket, natural	Driver's dash panel	Remove footwell trim
LB179	Sumitomo 14w, plug natural	Driver's door	Remove door trim
LB186)	AMP single-way socket	Driver's dash panel	Remove footwell trim
LB187)			
LB188	Sumitomo 2-way socket, natural	Passenger 'A' post	'A' post trim
LE189	Sumitomo 6-way socket, black	Driver's underscuttle	Remove footwell trim
LE190	Sumitomo 3-way socket, brown	LH blower motor	Remove fascia
LE191	Eyelet	Bulkhead	Engine compartment
LE192	Eyelet	Bulkhead	Engine compartment
LB195)	AMP socket	Behind roof lamp	Remove roof lamp
LB196)			
LB197)			



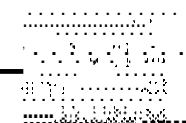


## INDEX TO CONNECTORS

CONN R	DESCRIPTION	LOCATION	ACCESS
LE202	PM4 6-way socket, black	Column switchgear	Column switchgear cowl
LE203	Sumitomo 2-way socket, natural	Column switchgear	Column switchgear cowl
LE211	Sumitomo 6-way socket, black	Centre console	Remove console trim
LE212	3-way socket, grey	Driver's 'A' post	Remove 'A' post trim
LB213	Sumitomo 3-way socket, brown	RH blower motor	Remove fascia
LE246	Sumitomo 18-way socket, black	Fascia	Remove fascia trim
LE247	Sumitomo 14-way socket, black	Driver's footwell	Remove footwell trim
LB259	Relay base, violet	Relay plate, driver underscuttle	Remove footwell trim
LE260	Relay base, brown	Relay plate, driver underscuttle	Remove footwell trim
LE267	PM5 3-way socket, violet	Instrument pack	Remove instrument pack
LE282	Eyelet	Bulkhead	Engine Compartment
LB283	Relay base, natural	Compt plate, pass underscuttle	Remove footwell trim
LE286	Relay base, natural	Relay plate, driver underscuttle	Remove footwell trim
LE287	Eyelet	Bulkhead	Engine compartment
LE288	Eyelet	Bulkhead	Engine compartment
LE292	Eyelet	Bulkhead	Engine Compartment

## INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
LF1	Sumitomo 20-way socket,black	LH 'A' post	Remove 'A' post trim
LF2	Sumitomo 14 way socket black	LH 'A' post	Remove 'A' post trim
LF6	Relay base, black	LH wing valance	Engine compartment
LF8	Relay base, blue	LH wing valance	Engine compartment
LF7	Relay base ,red	LH wing valance	Engine compartment
LF9	Relay base, blue	LH wing valance	Engine compartment
LF10	Relay base (blue)	LH wing valance	Engine Compartment
LF11	Relay base (blue)	LH wing valance	Engine Compartment
LF13	PM5 3-way socket, black	LH wing valance	Engine compartment
LF16	Sumitomo 3-way socket	LH wing valance	Engine compartment
LF17	Sumitomo 2-way socket, black	Behind cross member	Engine compartment
LF19	Eyelet	RH wing valance	Engine compartment
LF2	Sumitomo 14-way connector, blue	LH 'A' post	Remove 'A' post trim
LF20	Sumitomo 2-way socket, black	Windscreen washer reservoir	Engine compartment
LF21	Sumitomo 4-way socket, black	Adjacent to washer reservoir	
LF22	Sumitomo 4-way socket,green	LH headlight cavity	Remove headlight glass/rear apperture
LF23	Grote and Hartman	RH headlight cavity	Remove headlight
LF24	PM5 2-way socket, yellow	Rear of bumper - LH. side	Beneath car
LF25	PM5 2-way socket, yellow	Rear of bumper - R.H. side	Beneath car
LF26	Sumitomo 2 way socket blue	RH side marker	Beneath car
LF27	PM5 3-way socket, violet	Behind bumper -R.H. side	Beneath car
LF28	Grote and Hanman 6-way socket	LH headlight cavity	Remove headlight glass/rear apperture
LF29	Sumitomo 4-way socket, green	RH headlight cavity	Remove headlight glass/shear cavity
LF3	Eyelet	Bulkhead	Engine Compartment
LF30	Sumitomo 2 way socket blue	LH side marker	Beneath car
LF31	PM5 2 way socket black	LH direction indicator	Beneath car





## CIRCUIT DIAGRAMS AND HARNESSSES

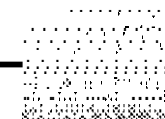


### INDEX TO CONNECTORS

CONN R	DESCRIPTION	LOCATION	ACCESS
LF32	PM5 2-way socket	Behind bumper LH side	Beneath car
LF33	PM5 2-way socket, yellow	Rear of bumper	Beneath car
LF37	Fusebox	LH wing valance	Engine compartment
LF39	Sumitomo 2-way socket, black	LH wing valance	Engine compartment
LF40	Sumitomo 2-way socket, black	LH wing valance	Engine Compartment
LF41	AMP single-way socket	Clutch master cylinder	Engine compartment
LF42			
LF43	Sumitomo 2-way socket, blue	To rear of bumper – LH.	Beneath car
LF46	Eyelet	Battery post	Engine compartment
LI80)	Eyelet	Bulkhead earth	Engine compartment
LI81)			

## INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
LI85	Lucar single-way socket	Oil pressure switch	Engine compartment
LI91	PM5 3-way socket, violet	Console-passengerside	Remove console trim
LI92	Sumitomo 25-way socket, blue	RH 'A' post	Remove trim
LI93	AMP 25-way socket, yellow	RH 'A' post	Remove trim
LI95	Relay base, red	Behind RH hockey stick	Luggage compartment
LI97	Eyelet	Bulkhead	Engine compartment
LI98	AMP Junior Timer, black	Engine breather pipe	Engine compartment
LI99	AMP 2-way junior timer, brown	Air intake pipe	Engine compartment
LI100	Packard Metripak 150 series, black	Idle speed motor	Engine compartment
LI101	AMP 2-way socket	Cylinder block	Engine compartment
LI103	PM4 6-way socket, blue	Throttle linkage	Engine compartment
LI104	Bosch Minitimer 6-way socket, black	Inlet manifold pipe	Engine compartment
LI107)	Eyelet	Inlet manifold	Engine compartment
LI108)			
LI109	PM5 3-way socket, black	Crankshaft speed sensor	Engine compartment
LI110)	Eyelet	Ignition coil (supply)	Engine compartment
LI111)			
LI113	Bosch Minitimer 7-way socket, black	Forward of ignition coil	Engine compartment
LI114	Eyelet (earth)	Ignition coil fixing	Engine compartment
LI115	Lucar single-way socket	Water temperature trans'r	Engine compartment
LI116	AMP Junior timer	Fuel injectors	Engine compartment



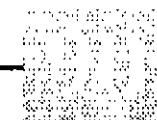


### INDEX TO CONNECTORS

CONN R	DESCRIPTION	LOCATION	ACCESS
LI124	PM5 3-way socket, green	Air cond. comp'r clutch	Engine Compartment
LI125)	Lucar single-way socket	Air conditioning cut-out	Engine compartment
LI126)			
LI127	Lucar single-way socket	Oil pressure transmitter	Engine compartment
LI131	Relay base, blue	LH wing valance	Engine Compartment
LI132	PM4 6-way socket, brown	Beneath air cond unit	Remove footwell trim
LI133	PM5 3-way socket, violet	Beneath air cond unit	Remove footwell trim
LI135	PM4 6-way socket	Bulkhead-RH side	Engine Compartment
LI142	AMP Junior timer 2-way socket, black	LH front wheel arch	Remove trim panel
LL16	AMP single way	Steering wheel	

## INDEX TO CONNECTORS

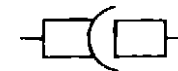
CONN R	DESCRIPTION	LOCATION	ACCESS
PD1	Sumitomo 4-way plug, green	Driver door	Door trim
PD2	Sumitomo 6-way plug, green	Driver door	Door trim
PD4	Sumitomo 14-way socket, natural	Driver door	Door trim
PD5	Sumitomo 6-way socket, natural	Driver door	Remove door trim
PD6,7	AMP single-way socket	Driver door	Remove door trim
PD12	Sumitomo 16-way socket, green	Drivers 'A' post	Driver's footwell trim
PD13	Sumitomo 20-way socket, yellow	Driver's 'A' post	Driver's footwell trim
RB128	AMP single-way socket	Component mounting plate	Remove footwell trim
RB129	PM5 S way socket	Doors	Remove door trim
RB130	PM5 S way socket	Seat belt anchorage	Remove centre console
RB139	Relay base, black	Passenger's underscuttle	Remove footwell trim
RB134	Sumitomo 8-way plug, red	Bulkhead	Remove footwell trim
RB135	Sumitomo 14-way plug, natural	Driver's door	Remove door trim
RB139	Relay base, black	Passenger's underscuttle	Footwell trim







## CIRCUIT DIAGRAMS AND HARNESSSES

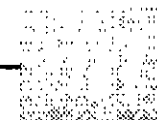


### INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
RB140	Sumitomo 2-way socket, natural	Driver's 'A' post	'A' post/footwell trim
RB141	AMP single-way	Passenger dash panel	Remove footwell trim
RE142	socket		
RB144	Relay base, red	Passenger underscuttle	Remove footwell trim
RB145	Eyelet	Bulkhead	Engine compartment
RB146	Eyelet	Bulkhead	Engine compartment
RB148	Sumitomo 16-way socket, natural	Bulkhead	Engine compartment
RB149	AMP 12-way socket	Bulkhead	Engine compartment
RB150	Sumitomo 6-way socket, natural	Driver's footwell	Remove footwell trim
RB160	Sumitomo 2-way socket, natural	Passenger's 'A' post	Remove 'A' post trim
RE161	Eyelet (earth)	Door-above radio speaker	Remove door trim
RE162	Sumitomo 6-way connector, red	Centre console	Remove console trim
RE165	PM5 3-way connector, black	Centre console	Remove radio telephone
RE166	PM5 3-way connector, violet	Driver's footwell	Remove footwell trim
RB167	Sumitomo 4-way socket, red	Driver's underscuttle	Remove footwell trim
RB170	Relay base, red	Relay mounting plate	Remove footwell trim
RE171	ESPA 8-way socket, black	Column switchgear-RH side	
RB172	Relay base	Relay plate, driver side	Remove footwell trim
RB173	Relay base, blue	Compt plate, driver side	Remove footwell trim
RB174	Relay base, green	Compt plate, driver side	Remove footwell trim
RB176	Sumitomo 6-way socket, natural	Driver's dash panel	Remove footwell trim
RB179	Sumitomo 14w, plug natural	Driver's door	Remove door trim

## INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
RB186)	AMP single-way socket	Driver's dash panel	Remove footwell trim
RB187)			
RE188	Sumitomo 2-way socket, natural	Passenger 'A' post	'A' post trim
RB190	Sumitomo 3-way socket, brown	LH blower motor	Remove fascia
RE191	Eyelet	Bulkhead	Engine compartment
RB192	Eyelet	Bulkhead	Engine compartment
RB195)	AMP socket	Behind roof lamp	Remove roof lamp
RB196)			
RB197)			
RB202	PM4 6-way socket, black	Column switchgear	Column switchgear cowl
RB203	Sumitomo 2-way socket, natural	Column switchgear	Column switchgear cowl
RE211	Sumitomo 6-way socket, black	Centre console	Remove console trim
RE212	3-way socket, grey	Driver's 'A' post	Remove 'A' post trim
RB213	Sumitomo 3-way socket, brown	RH blower motor	Remove fascia
RB246	Sumitomo 18-way socket, black	Fascia	Remove fascia trim
RB247	Sumitomo 14-way socket, black	Driver's footwell	Remove footwell trim
RB259	Relay base, violet	Relay plate - driver underscuttle	Remove footwell trim
RB260	Relay base, brown	Relay mounting plate	Remove footwell trim





## CIRCUIT DIAGRAMS AND HARNESSSES

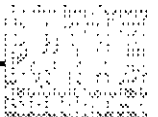


### INDEX TO CONNECTORS

CONN R	DESCRIPTION	LOCATION	ACCESS
RB281	Eyelet	Bulkhead	Engine compartment
RB282	Eyelet	Bulkhead	Engine Compartment
RB286	Relay base, natural	Relay plate, driver underscuttle	Remove <b>footwell</b> trim
RC1	PM5 3-way socket, black	Over LH rear wheel	Remove rear wheel
RC2	PM5 3-way socket, black	Over RH rear wheel	Luggage compartment
RF1	Sumitomo 18-way connector, black	RH 'A' post	Remove 'A' post trim
RF18	Sumitomo 2-way socket, blue	To rear of bumper - R.H.	Beneath car
RF23)	AMP single-way socket	Clutch master cylinder	Engine compartment
RF24)			

## INDEX TO CONNECTORS

CONN'R	DESCRIPTION	LOCATION	ACCESS
RH96	Sumitomo 4-way socket, natural	Luggage Compartment	Corner trim
RH104	AMP 2-way socket, black	Fuel tank	Luggage compartment
RH107)	AMP single-way socket	Belo-way RH rear window	Remove trim
RH108)			
RH113	Relay base, yellow	Behind LH hockey stick	Remove luggage Compartment trim
RH114	AMP 4-way socket, black	Behind LH hockey stick	Remove luggage Compartment trim
RH117	Sumitomo 10-way socket, natural	Luggage Compartment – LH/RH rear corner	Remove corner trim
RH119	Sumitomo 4-way socket, natural	Luggage compartment LH/RH rear corner	Remove corner trim
RH125	Sumitomo 2-way socket, natural	Bottom edge of boot	Raise luggage compartment lid





## CIRCUIT DIAGRAMS AND HARNESSSES

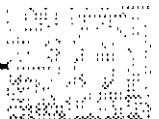


### INDEX TO CONNECTORS

CONN	DESCRIPTION	LOCATION	ACCESS
RH131)	AMP single-way socket	Belo-way LH rear window	Remove trim
RH132)			
RH142	PM5 3-way socket, black	Luggage Compartment RH side	Remove luggage compartment trim
RH143	Relay base, black	Luggage Compartment	Remove luggage compartment trim
RH145	PM5 3-way socket, black	LH 'B' post	Remove trim
RH147	PM5 3-way socket, black	RH 'B' post	Remove trim
RH154	AMP single-way socket	Luggage compartment	Remove luggage Compartment trim RH155)
RH160	Sumitomo 14-way connector, natural	Centre console	Remove centre trim
RH161	Sumitomo 20-way connector, natural	Centre console	Remove console
RH162	Sumitomo 6-way connector, red	Centre console	Remove centre console trim
RH172	AMP singleway socket	Battery spur-luggage compartment	Remove battery cover
RH173	Relay base, yellow/black	Behind RH hockey stick	Remove hockey stick
RH174	Sumitomo 14-way connector, blue	Centre console	Remove centre console trim

## INDEX TO CONNECTORS

CONNR	DESCRIPTION	LOCATION	ACCESS
SAC10	Sumitomo 3-way socket, black	)	
SAC11	Sumitomo 3-way socket, black	)	
SAC12	Sumitomo 3-way socket, red	)	
SAC13	Sumitomo 3-way socket, red	)	
SAC16/17		AMP single-way socket	)
SAC18/19		AMP single-way socket	)
SAC2	15-way socket, white		) SAC3 15-way socket, white
SAC23124		AMP single-way socket	)
SAC26	Sumitomo 3-way socket, black	)	
SAC28	Sumitomo 5-way socket, black	)	
SAC29	Sumitomo 8-way socket, black	)	
SAC4	15-way socket, white	)	
SAC5	4-way socket, black	)	
SAC6	7-way socket, black	)	
SAC7	Sumitomo 6-way socket, natural	)	
SAC9	Sumitomo 3-way socket, black	) Air conditioning unit	Remove air conditioning unit
SB1	PM5 2 way socket black	Adjacent to seat control unit	Access cover
SE2	PM5 2 way socket green	Driver's seat	Access cover
SB3	PM5 2 way socket green	Passenger's seat	Access cover
SH4	PM5 3-way socket, black	Adjacent to seat fore/aft motor	Remove seat
SH6	Grote Hartman 4-way socket, natural	Driver's seat belt	Driver's seat
SH13	Grote Hartman 4-way socket, black	Adjacent to seat fore/	Remove access cover
SM1	Sumitomo 20-way socket, black	Forward of driver's seat	Access cover
SM2	Grote Hartman 4 way socket black	Forward of driver's seat	Access cover
SM3	Grote Hartman 4 way socket black	Forward of driver's seat	Access cover
SM4	Grote Hartman 4 way socket yellow	Forward of driver's seat	Access cover
SM5	Grote Hartman 4 way socket blue	Forward of driver's seat	Access cover
SM7	Grote Hartman 4 way socket black	Fore/aft motor	Beneath seat





## INDEX TO CONNECTORS

CONN	DESCRIPTION	LOCATION	ACCESS
SN1	Sumitomo 12 way socket yellow	Forward of passenger's seat	Beneath seat
SN2	Grote Hartman 4 way socket black	Forward of passenger's seat	Access cover
SN3	Grote Hartman 4 way socket black	Forward of passenger's seat	Access cover
SN4	Grote Hartman 4-way socket, yellow	Seat cushion	Remove seat
SN5	Grote Hartman 4 way socket blue	Recline motor	Remove squab rear trim
SN6	PM5 2 way socket yellow	Lumbar pump motor	Remove squab rear trim
SN7	Grote Hartman 4 way socket black	Fore/aft motor	Beneath seat
SN8	PM5 2 way socket black	Seat pressure pad	Beneath passenger's seat
SS2	Sumitomo 10-way connector, red	Column switchgear	Column switchgear cowl
XT7	Sumitomo 6-way socket, black	Centre console	Remove console trim

