


# XJ6 Sedan Range 1993 Electrical Guide

 **WARNING:** This publication is intended for use by professional technicians with knowledge of Jaguar vehicle systems. All necessary safety precautions must be taken when servicing or handling components and systems that have the potential for causing bodily injury or death.

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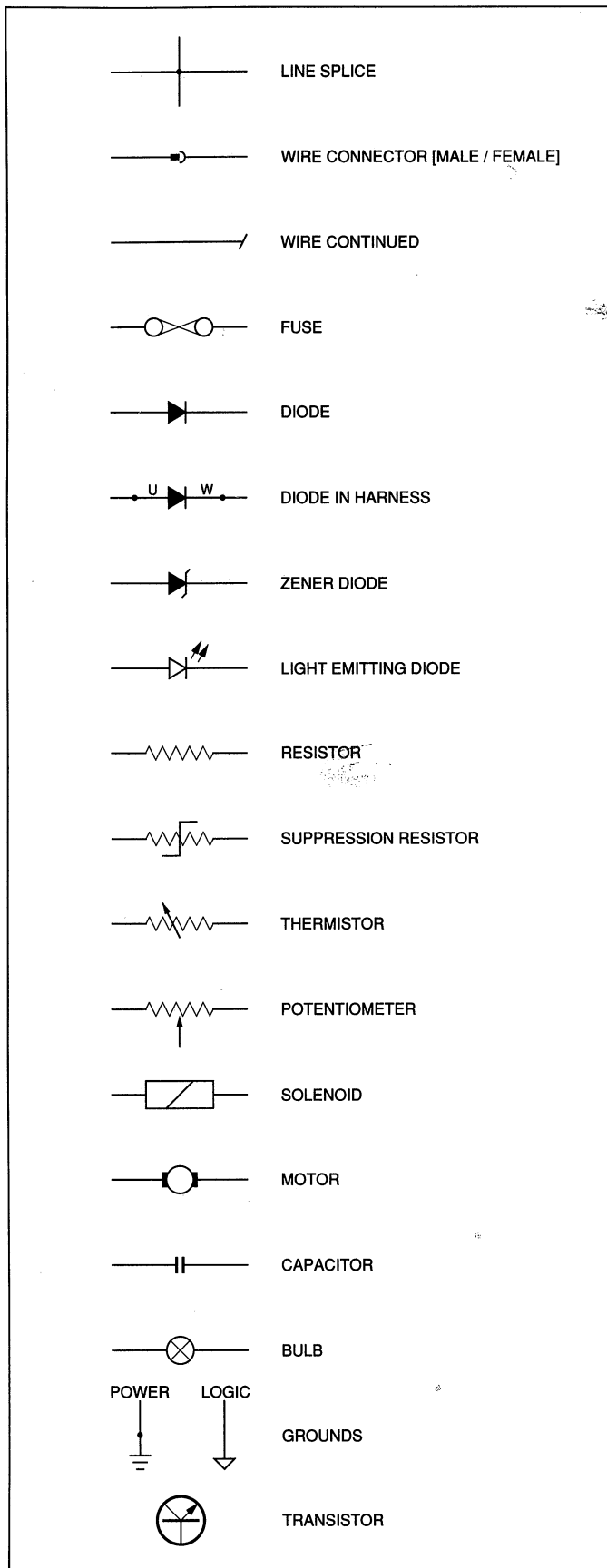
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## Wiring Symbols



## Wiring Color Codes

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

When a wire has two or more color code letters, the first letter indicates the main color and the subsequent letter(s) indicate the tracer color(s).

## Wiring Harness Codes

Code	Description
AC	Air conditioning (climate control unit)
AN	Alternator suppression
BH	Bonnet hood (under hood lights)
CB	Cubby box (glove box)
CE	In-Car entertainment
CF	Cooling fan
CH	Cushion heater
CL	Cigar lighter
DD	Driver's door (main harness)
FA	Front axle (R - right, L - left)
FE	Four-litre (AJ6) engine
FF	Front fender (R - right, L - left)
FL	Fascia lighting
FP	Fuel pump
GB	Transmission (gear box)
HB	Heated backlight (rear window)
HL	Hazard lighting
HM	High mount stop lights
HS	Heated seats
IL	Interior lights
LB	Bulkhead harness (left hand drive)
LF	Left front harness
LS	Left side harness
PD	Passenger's door (main harness)
PL	Puddle lighting
RA	Right rear axle
RD	Rear door harness (R - right, L - left)
RF	Rear fender (R - right, L - left)
RS	Right side harness
SC	Steering column
SM	Seat motor
SQ	Squab heater (Seat back)
SR	Sun roof
SS	Seat switches
ST	Starter terminal
SW	Screen wash
R / L	Right / left
D / P	Driver's / Passenger's

## Connector Codes

HARNESS CODE + CONNECTOR NUMBER + PIN NUMBER

EXAMPLE: LB13-24 (pin number is separated by a dash)

Note: Absence of a dash and a pin number indicates a single wire connector.

## Splice Codes

HARNESS CODE + S + IDENTIFICATION NUMBER

EXAMPLE: LBS3 (no dash is used)

## Ground Codes

HARNESS CODE + G + IDENTIFICATION NUMBER

EXAMPLE: LBG78 (no dash is used)

## Diode Codes

HARNESS CODE + D + IDENTIFICATION NUMBER

EXAMPLE: LSD3 (no dash is used)

## Reference Symbols

Five reference symbols are used to indicate the remainder of the circuit (feed and ground) and refer the reader to one of the five preliminary figures.

 BATTERY POWER DISTRIBUTION (FIGS 1/L, 1/R)

 IGNITION SWITCHED POWER (FIG 2)

 IGNITION SWITCHED GROUND (FIG 3)

 LOGIC GROUND (FIG 4)

 CENTRAL MICROPROCESSOR INPUTS / OUTPUTS (FIG 5)

Note: An 'I' in this symbol denotes an input; an 'O' denotes an output.

## Reference Flags

 REFERENCE FLAG

This symbol refers the reader to a figure number only. It does not refer to a flag with the same number on a different figure.

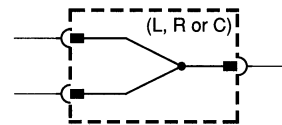
As used in figures 1/L, 1/R, 2 and 3, the FLAG refers to a figure number where the circuit is continued. In this instance, the reader matches the BOX, DIAMOND or OCTAGON numbers to trace the circuit.

In most other cases, it is not necessary to refer to another figure for completion of a circuit. The FLAGS are used to indicate parallel circuits and circuits which share components. Most of the circuits where this situation occurs are overlapped to avoid the necessity for cross-referencing to another figure. Exceptions to this rule are INSTRUMENTATION: NORMAL DISPLAY and the INSTRUMENTATION: HAZARD AND FAULT DISPLAY.

## Splice Boxes

Splice boxes are indicated by a broken line around a harness splice. The letters 'L', 'R' or 'C' are used to denote the left, right or center splice box.

### EXAMPLE:

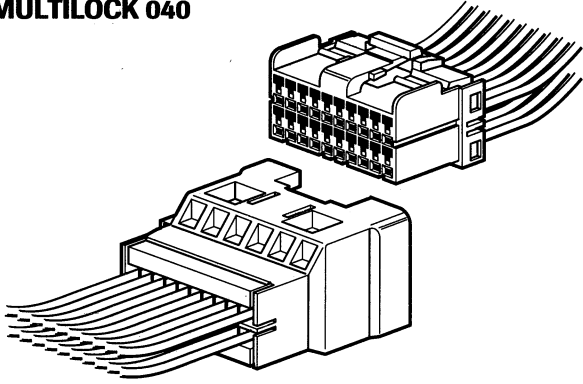


The left and right splice boxes are located, respectively, on the left and right blower housings. The center splice box is integral with the center fuse panel.

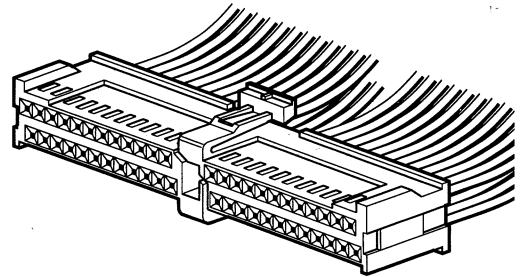
## Data Pages

Every wiring diagram has a corresponding data page to its left in the book. This information aids the reader in identifying and locating components, connectors and ground points. Additionally, where applicable, processor and logic unit INPUT / OUTPUT information is provided to aid the reader in understanding circuit operation. This information should be used for reference only.

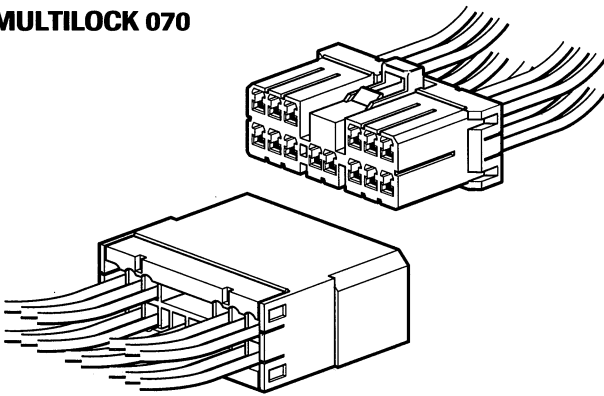
**MULTILOCK 040**



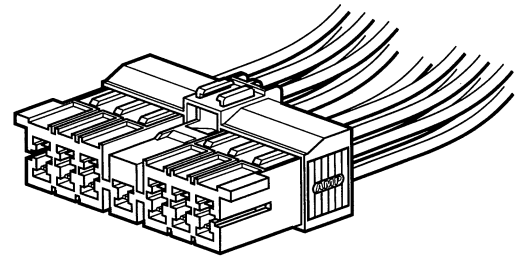
**MODU WIRE TO BOARD**



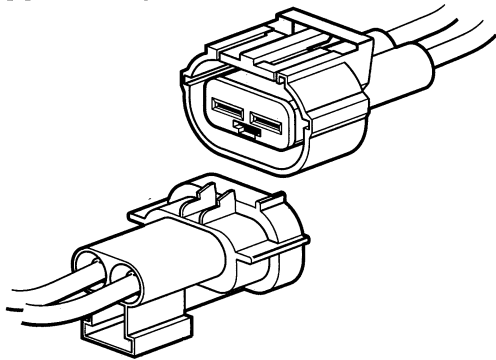
**MULTILOCK 070**



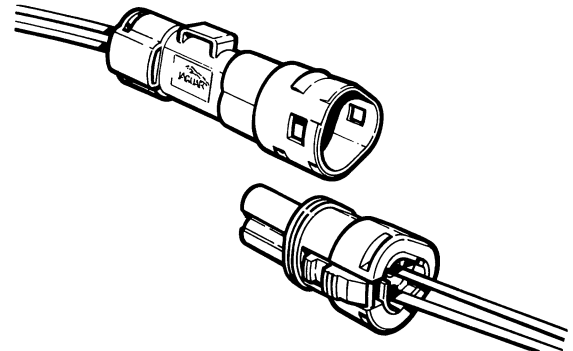
**MIC MK IV**



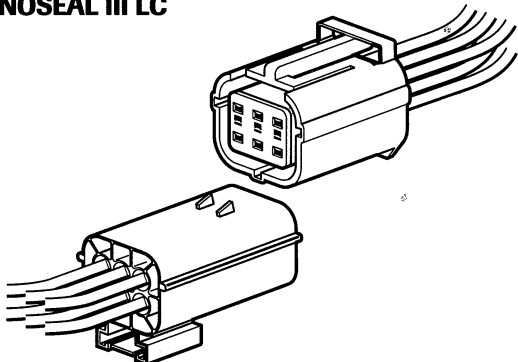
**ECONOSEAL III HC**



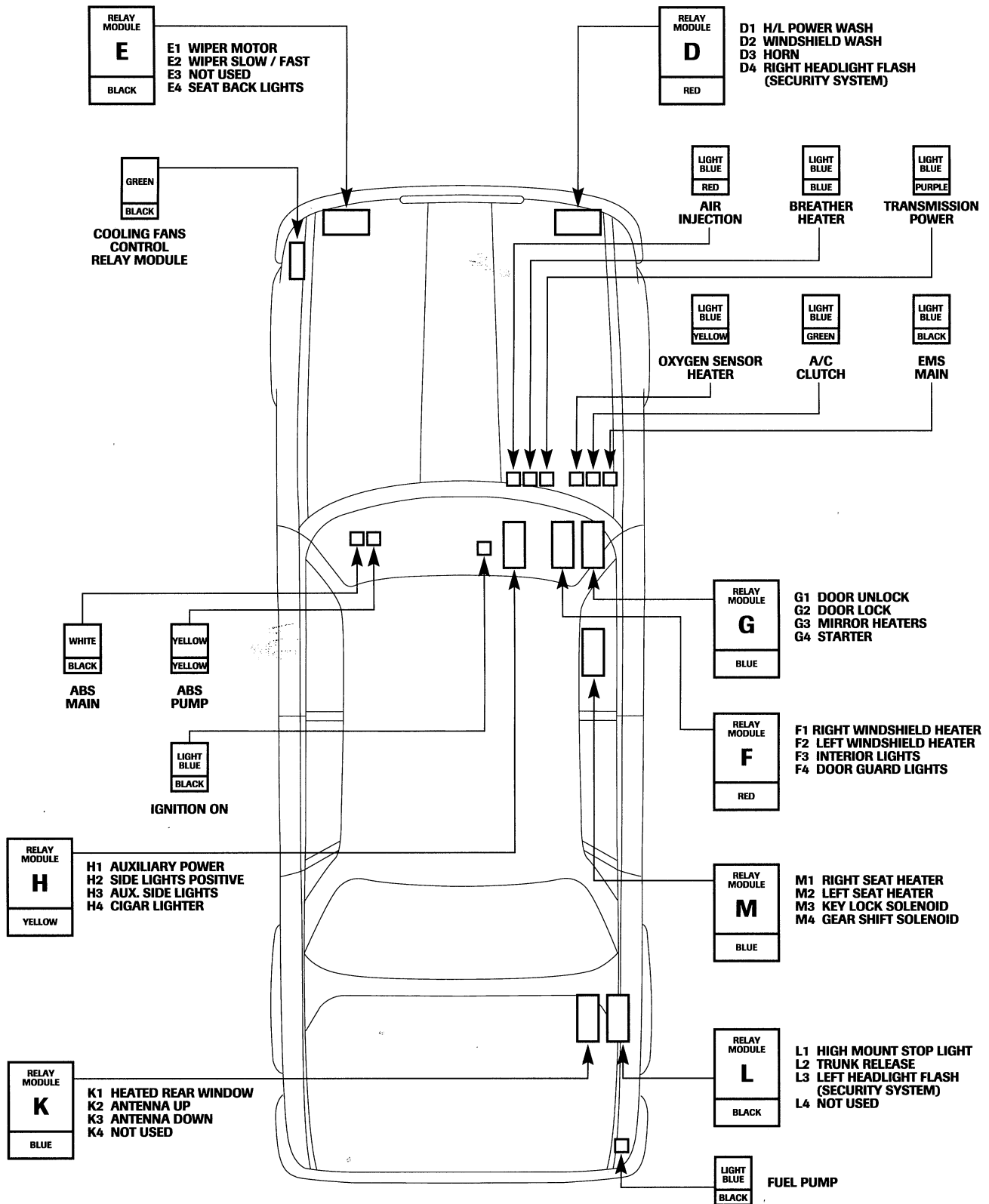
**PM 5**

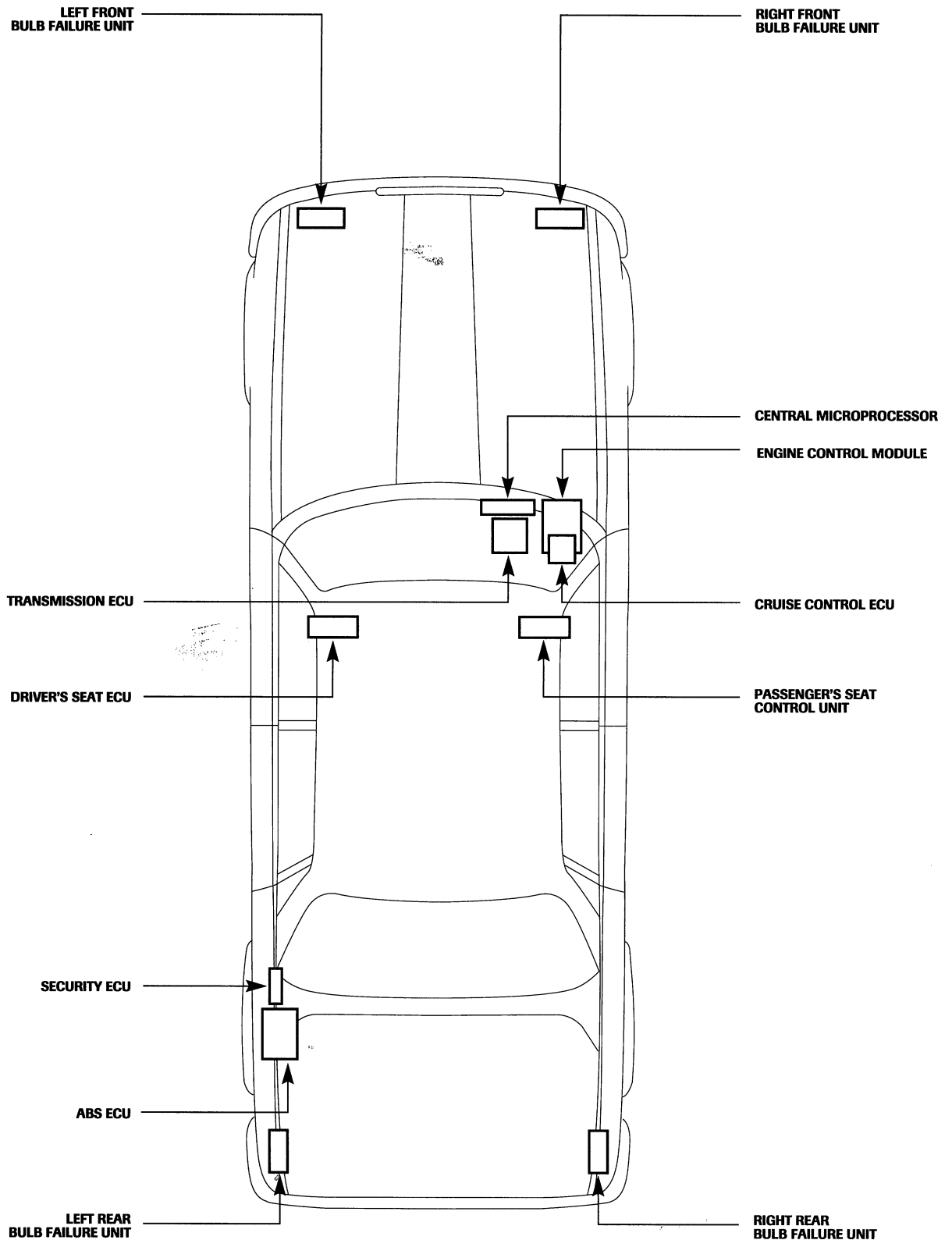


**ECONOSEAL III LC**



# Relay Identification and Location





**Left fuse panel**

Number	Color	Value	Circuit(s)
A1	Red	10A	Driver's seat ECU and memory Mirror heaters Dimmer
A2	Lt. Green	30A	Cooling fans
A3	Violet	3A	Not used
A4	White	25A	Driver's seat power
A5	Violet	3A	Lighting logic Ignition on relay Passenger's seat control Radio memory Transmission ECU memory Center console, LCD lock
A6	Red	10A	Purge control valve Air injection pump Breather heater Data link power
A7	Lt. Green	30A	Cooling fans relay module
A8	Yellow	20A	Windshield wiper motor
A9	Violet	3A	Not used
B1	Lt. Green	30A	Left rear window lift Driver's window lift
B2	Yellow	20A	Sun roof
B3	Violet	3A	Not used
B4	Yellow	20A	Left blower
B5	Red	10A	Instrument pack
B6	Red	10A	Security ECU
B7	Violet	3A	Not used
B8	Lt. Blue	15A	Left rear lights: fog light, reverse light, turn signal, stop light
B9	Lt. Green	30A	ABS power
C1	Yellow	20A	Engine management system power
C2	Red	10A	Interior lights Cigar lighter illumination, hood lights
C3	Red	10A	CPU power
C4	Red	10A	Gear shift interlock
C5	White	25A	Left windshield heater
C6	Lt. Green	30A	ABS pump
C7	Red	10A	Left front side marker, turn signal, side light Left rear tail, license, side marker lights
C8	Lt. Blue	15A	Left headlight high beam
C9	Lt. Blue	15A	Left headlight low beam, left front fog light

**Right fuse panel**

Number	Color	Value	Circuit(s)
A1	Red	10A	Driver's lumbar pump Passenger's lumbar pump Air conditioning clutch
A2	Red	10A	Transmission control power
A3	Violet	3A	Not used
A4	White	25A	Passenger's seat power
A5	Lt. Blue	15A	Central locking
A6	White	25A	Trailer Telephone



## Right fuse panel (continued)

Number	Color	Value	Circuit(s)
A7	White	25A	Heated rear window
A8	Red	10A	Trunk release Antenna
A9	Violet	3A	Not used
B1	Lt. Green	30A	Right rear window lift Passenger's window lift
B2	Lt. Blue	15A	Auxiliary power
B3	Violet	3A	Not used
B4	Yellow	20A	Right blower
B5	Red	10A	Engine management system ECM memory
B6	Lt. Blue	15A	Horns
B7	Red	10A	Windshield washer pump
B8	Lt. Blue	15A	Right rear lights: fog light, reverse light, turn signal, stop light
B9	Lt. Green	30A	Headlight washer pump
C1	Yellow	20A	Cigar lighters
C2	White	25A	Passenger's seat heater Driver's seat heater
C3	White	25A	Starter relay
C4	Red	10A	Oxygen sensor heater, fuel pump relay
C5	White	25A	Right windshield heater
C6	White	25A	Fuel pump
C7	Red	10A	Right front side marker, turn signal, side light Headlight flash (security system) Right rear tail, license, side marker lights
C8	Lt. Blue	15A	Right headlight low beam
C9	Lt. Blue	15A	Right headlight low beam, left front fog light

## Center fuse panel

Number	Color	Value	Circuit(s)
1	Violet	3A	Generator (regulator) Right front bulb failure module (relays): right headlight low beam, fog light Left rear bulb failure module (relays): fog light, reverse light
2	Violet	3A	Passenger's seat heater relay Wiper fast / slow relay Driver's seat heater relay CPU ignition-on input Lighting logic unit
3	Tan	5A	Left front bulb failure module (relays): left headlight low beam, fog light Right rear bulb failure module (relays): fog light, reverse light, high mount stop light
4	Violet	3A	Not used
5	Violet	3A	Cruise control
6	Tan	5A	Cigar lighter relay Starter relay Transmission mode switch illumination
7	Violet	3A	Heated washer jets sensor Motorized aspirator
8	Violet	3A	ABS ECU, ABS main relay
9	Violet	3A	Instrument pack
10	Tan	5A	Not used

# FIG 1 LEFT DATA

## COMPONENTS

DESCRIPTION  
BATTERY  
FUSE PANEL — LEFT

LOCATION  
TRUNK, RIGHT  
LEFT 'A' POST

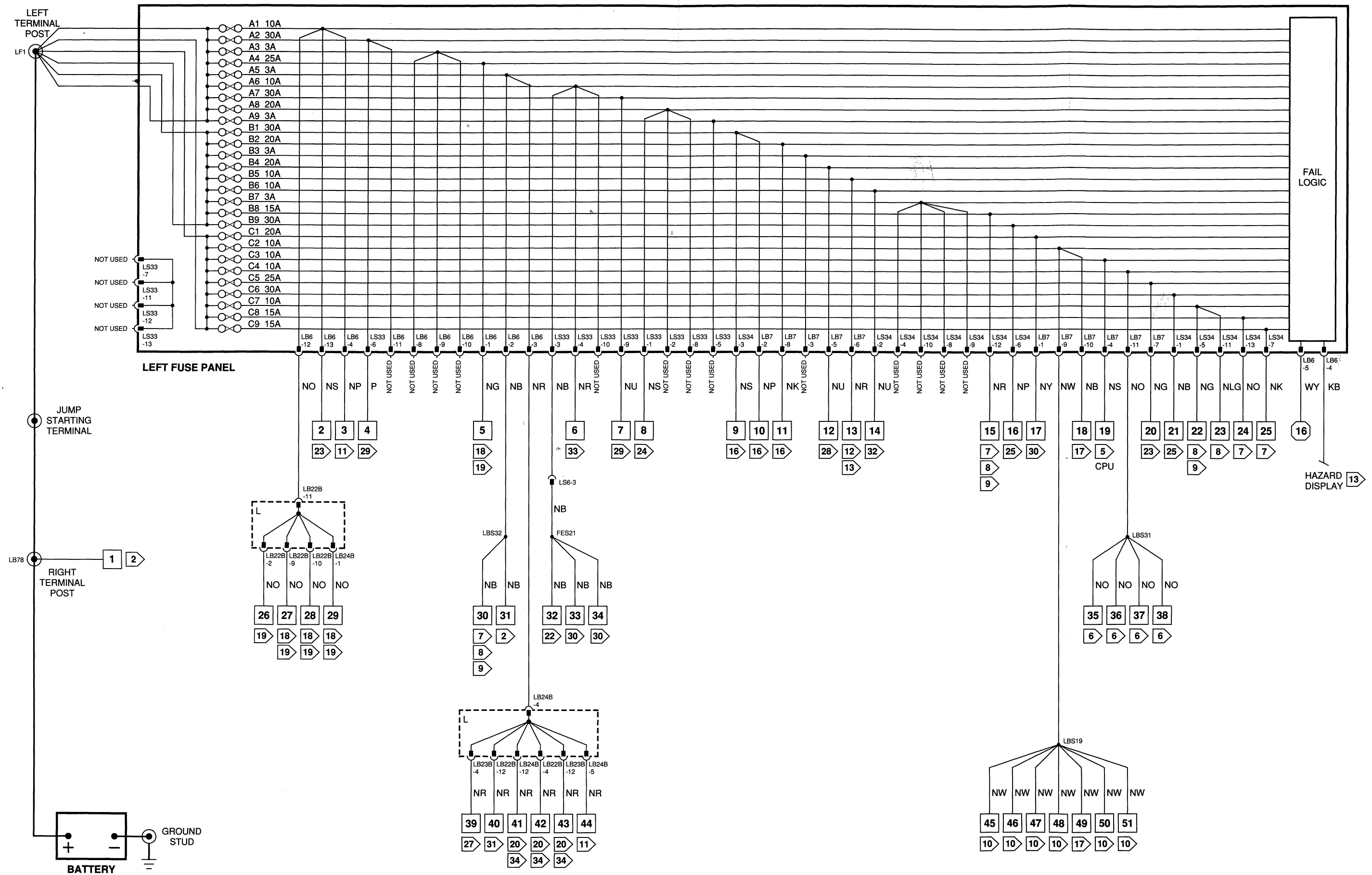
ACCESS  
BATTERY TRIM COVER  
FUSE BOX TRIM COVER

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## CONNECTORS

CODE	DESCRIPTION
LB6	13-WAY AMP MK4 (BROWN)
LB7	13-WAY AMP MK4 (WHITE)
LB22B	16-WAY MULTILOCK 40 (BLACK)
LB23B	16-WAY MULTILOCK 40 (BLUE)
LB24B	16-WAY MULTILOCK 40 (GREEN)
LB78	WHITE EYELET
LF1	WHITE EYELET
LS6	13-WAY ECONOSEAL III LC (BLACK)
LS33	13-WAY AMP MK4 (SLATE)
LS34	13-WAY AMP MK4 (BLACK)

LOCATION / INTERFACE
LEFT 'A' POST / LEFT FUSE PANEL
LEFT 'A' POST / LEFT FUSE PANEL
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
RIGHT OF A/C UNIT, BEHIND FASCIA / RIGHT BATTERY TERMINAL EYELET
LEFT FUSE PANEL ON 'A' POST / LEFT BATTERY TERMINAL EYELET
RIGHT BULKHEAD ADJACENT TO ABS PUMP / RIGHT SIDE HARNESS
LEFT 'A' POST / LEFT FUSE PANEL
LEFT 'A' POST / LEFT FUSE PANEL



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 1 RIGHT DATA

## COMPONENTS

### DESCRIPTION

BATTERY  
FUSE PANEL — RIGHT

### LOCATION

TRUNK, RIGHT  
RIGHT 'A' POST

### ACCESS

BATTERY TRIM COVER  
FUSE BOX TRIM COVER

---

## CONNECTORS

### CODE

LB77  
LB89  
RF1  
RS28  
RS90

### DESCRIPTION

13-WAY AMP MK4 (BROWN)  
13-WAY AMP MK4 (WHITE)  
WHITE EYELET  
13-WAY AMP MK4 (BLACK)  
13-WAY AMP MK4 (SLATE)

### LOCATION / INTERFACE

RIGHT 'A' POST / RIGHT FUSE PANEL  
RIGHT 'A' POST / RIGHT FUSE PANEL  
RIGHT 'A' POST BEHIND FUSE PANEL / BATTERY TERMINAL COVER  
RIGHT 'A' POST / RIGHT FUSE PANEL  
RIGHT 'A' POST / RIGHT FUEL PANEL



# FIG 2 DATA

## COMPONENTS

### DESCRIPTION

DIODE — LBD2  
DIODE — RSD1  
FUSE PANEL — CENTER  
RELAY MODULE H  
(H1 — AUXILIARY POWER RELAY)  
RELAY — IGNITION ON (LB4)  
TRANSIT ISOLATION DEVICE

### LOCATION

EXPOSED IN BULK. HARNESS, CENTER CONSOLE AREA  
EXPOSED IN RIGHT SIDE FRONT HARNESS  
CENTER CONSOLE  
RIGHT DASH UNDER PANEL

BEHIND RADIO  
BATTERY

### ACCESS

BELOW RADIO  
BEHIND RIGHT HEADLIGHT  
INSIDE GLOVE BOX  
RIGHT DASH UNDER PANEL

REMOVE RADIO  
BATTERY COVER

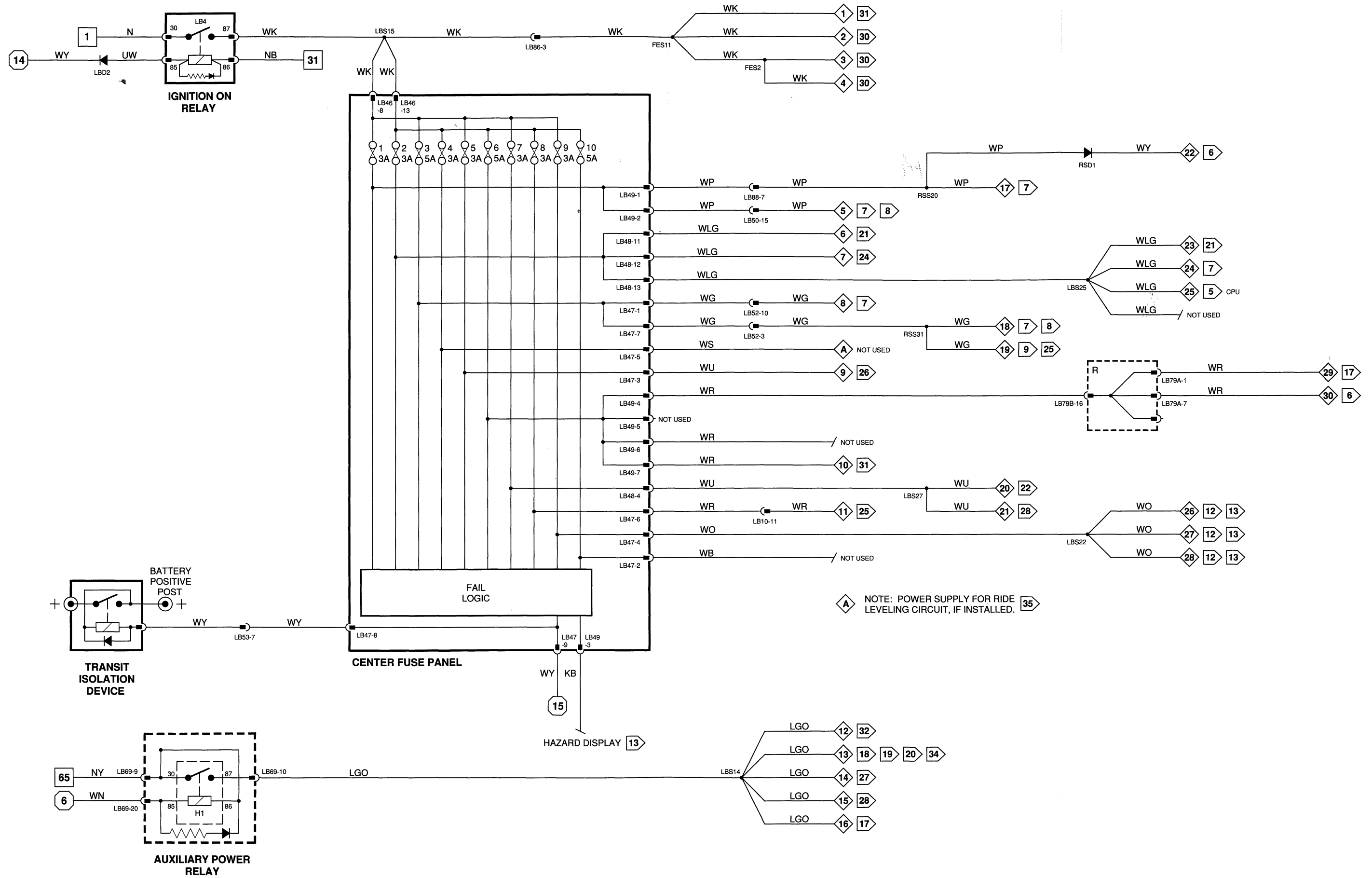
## CONNECTORS

### CODE

LB4 RELAY BASE (BLACK)  
LB10 20-WAY MULTILOCK 40 (BLACK)  
LB46 13-WAY AMP MK4 (BLACK)  
LB47 13-WAY AMP MK4 (WHITE)  
LB48 13-WAY AMP MK4 (BROWN)  
LB49 13-WAY AMP MK4 (SLATE)  
LB50 20-WAY MULTILOCK 40 (BLACK)  
LB52 12-WAY MULTILOCK 70 (BLACK)  
LB53 12-WAY MULTILOCK 70 (WHITE)  
LB69 20-WAY AMP PCB POWER (YELLOW)  
LB79A 12-WAY MULTILOCK 40 (BLACK)  
LB79B 16-WAY MULTILOCK 40 (BLACK)  
LB80A 12-WAY MULTILOCK 40 (GREEN)  
LB86 4-WAY ECONOSEAL III HC (BLACK)  
LB88 20-WAY MULTILOCK 40 (BLACK)

### LOCATION / INTERFACE

BEHIND RADIO ON RIGHT BRACKET / IGNITION ON RELAY  
REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS  
BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS  
RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE H  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT DASH UNDER PANEL / BULKHEAD HARNESS  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 3 DATA

## COMPONENTS

### DESCRIPTION

COLUMN SWITCH GEAR  
(IGNITION SWITCH)  
INERTIA SWITCH

### LOCATION

STEERING COLUMN  
STEERING COLUMN COWL, RIGHT  
DRIVER'S FOOTWELL

### ACCESS

LEFT DASH UNDER PANEL  
STEERING COLUMN LOWER COWL  
ABOVE DEAD PEDAL

## CONNECTORS

### CODE

LB8  
LB22B  
LB23B  
LB24B  
LB35  
LB79B  
LB80B  
LB81B  
LS1  
SC8

### DESCRIPTION

3-WAY LABINAL (SLATE)  
16-WAY MULTILOCK 40 (BLACK)  
16-WAY MULTILOCK 40 (BLUE)  
16-WAY MULTILOCK 40 (GREEN)  
12-WAY MULTILOCK 40 (BLACK)  
16-WAY MULTILOCK 40 (BLACK)  
16-WAY MULTILOCK 40 (GREEN)  
16-WAY MULTILOCK 40 (BLUE)  
SUMITOMO A (WHITE)  
6-WAY PMHD (PURPLE)

### LOCATION / INTERFACE

LOW ON LEFT 'A' POST / INERTIA SWITCH  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
ABOVE LEFT HEADLIGHT INSIDE HOOD / LEFT HOOD HARNESS  
STEERING COLUMN SWITCH GEAR, RIGHT / KEY IN SWITCH

## GROUNDS

### CODE

LBG39A

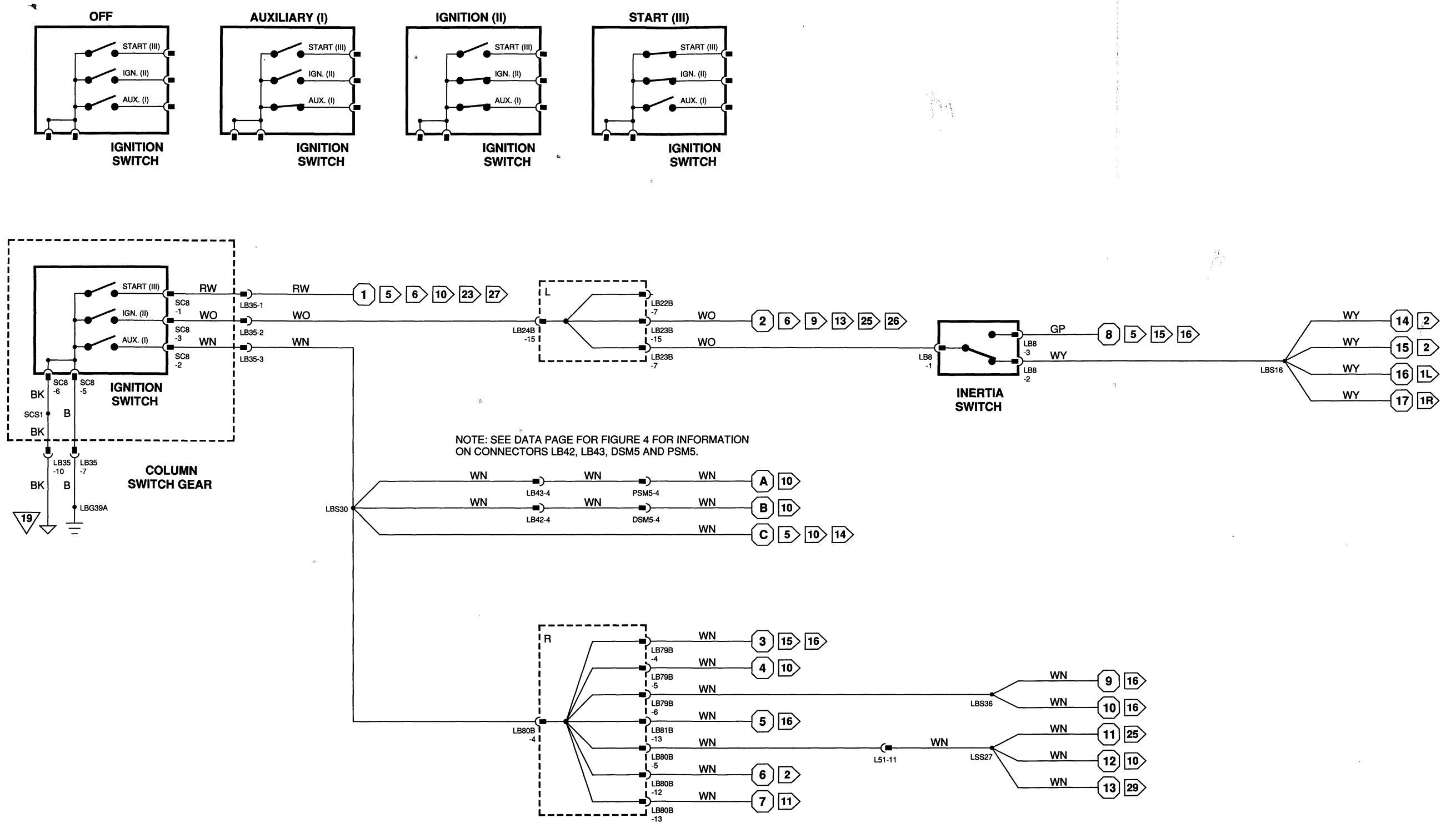
### DESCRIPTION

WHITE EYELET

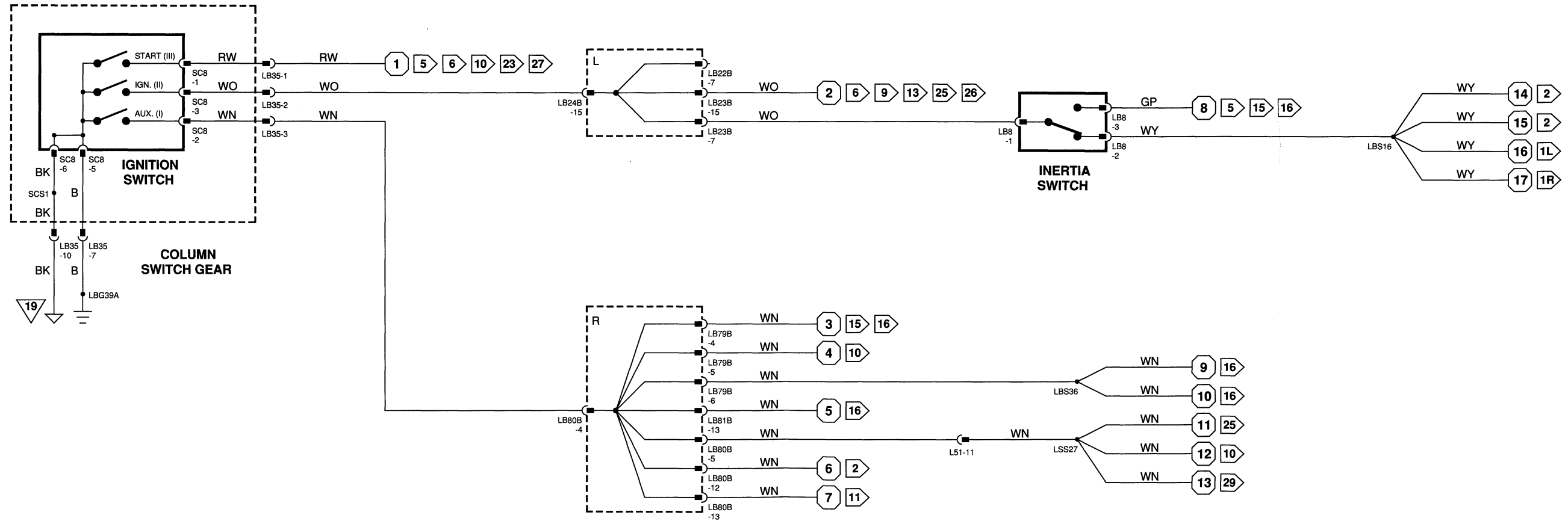
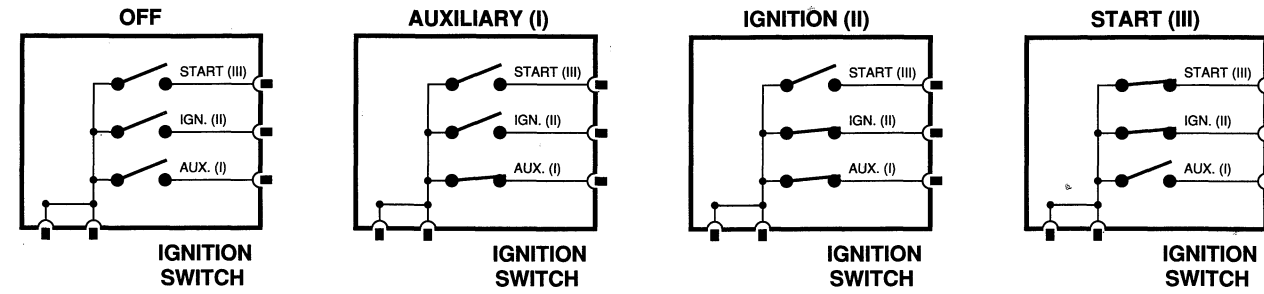
### LOCATION / INTERFACE

CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND





NOTE: SEE DATA PAGE FOR FIGURE 4 FOR INFORMATION ON CONNECTORS LB42, LB43, DSM5 AND PSM5.



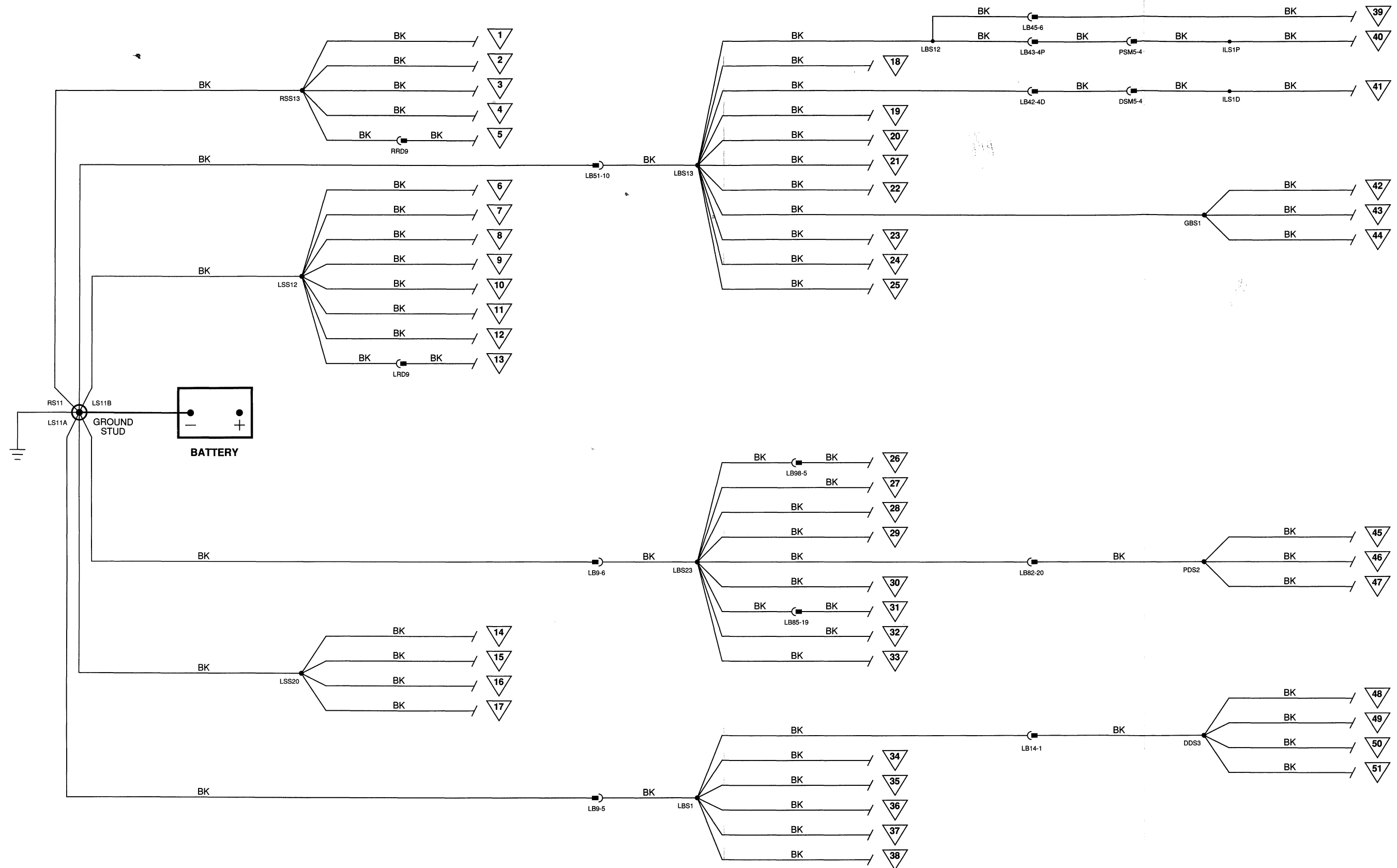
# FIG 4 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BATTERY	TRUNK, RIGHT	BATTERY TRIM COVER

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DSM5	18-WAY MULTILOCK 70 (WHITE)	BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT HARNESS
LB9	12-WAY MULTILOCK 70 (WHITE)	LEFT 'A' POST, ABOVE FUSE PANEL / BULKHEAD HARNESS
LB14	20-WAY MULTILOCK 40 (GREEN)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB42	10-WAY MULTILOCK 70 (WHITE)	FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS
LB43	10-WAY MULTILOCK 70 (WHITE)	FRONT OF PASSENGER'S SEAT BY SEAT CONTROL UNIT / BULKHEAD TO SEAT HARNESS
LB45	6-WAY MULTILOCK 70 (WHITE)	CENTER CONSOLE, BELOW ASHTRAY / SECURITY SYSTEM VALET SWITCH
LB51	12-WAY MULTILOCK 70 (WHITE)	BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB85	20-WAY MULTILOCK 70 (WHITE)	RIGHT DASH UNDER PANEL BY 'A' POST / BULKHEAD HARNESS
LB98	12-WAY MULTILOCK 40 (BLUE)	ADJACENT TO A/C ECU, RIGHT / BULKHEAD HARNESS
LRD9	12-WAY MULTILOCK 40 (BLACK)	LEFT 'B/C' POST / LEFT SIDE HARNESS
LS11A	WHITE EYELET	TRUNK, RIGHT, BEHIND BATTERY / BATTERY GROUND STUD
LS11B	WHITE EYELET	TRUNK, RIGHT, BEHIND BATTERY / LOGIC GROUND EYELET
PSM5	18-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S SEAT HARNESS
RRD9	12-WAY MULTILOCK 40 (BLACK)	RIGHT 'B/C' POST / RIGHT SIDE HARNESS
RS11	WHITE EYELET	TRUNK, RIGHT, BEHIND BATTERY / LOGIC GROUND EYELET



# FIG 5 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB59	6-WAY AMP PCB POWER (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG39C	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

#### INPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
1 LB61-27	PASSENGER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 5V
2 LB61-20	DRIVER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 5V
3 LB61-18	DRIVER'S SEAT BELT SWITCH	BELT UNLATCHED: 129 mV	BELT LATCHED: 157 mV
4 LB61-4	INTERIOR LIGHT SWITCH PAD #2	LIGHTS ON: GROUND	LIGHTS OFF: OPEN CIRCUIT
5 LB61-44	IGNITION KEY IN SWITCH	KEY IN: GROUND	KEY OUT: OPEN CIRCUIT
6 LB61-17	TRIP COMPUTER KEYBOARD ILLUMINATION	SWITCH HELD IN: GROUND	SWITCH RELEASED: OPEN CIRCUIT
7 LB60-26	DOOR KEY BARREL SWITCHES	KEY TO LOCK POSITION: GROUND	KEY OUT: OPEN CIRCUIT
8 LB61-2	DOOR LOCK STATE	DOORS LOCKED: GROUND	DOORS UNLOCKED: OPEN CIRCUIT
9 LB60-1	DOOR UNLOCK STATE	DOORS UNLOCKED: GROUND	DOORS LOCKED: OPEN CIRCUIT
LB61-25	INERTIA SWITCH (KEY ON)	SWITCH UP: GROUND	SWITCH DOWN: OPEN CIRCUIT
10 LB61-6	PANIC (ALL LOCK/CLOSED SWITCH)(KEY ON)	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
11 LB61-11	NOT USED		
12 LB61-8	TRUNK RELEASE SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
13 LB61-13	RADIO ON INPUT (KEY ON)	RADIO ON: 12V	RADIO OFF: 0V
14 LB61-16	BRAKE SWITCH (KEY ON)	BRAKE PEDAL PRESSED: GROUND	PEDAL RELEASED: 12V
LB61-24	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
15 LB61-39	DRIVER'S SEAT HEATER SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
16 LB61-15	PASSENGER'S SEAT HEATER SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
17 LB61-43	SEAT BELT WARNING	SEAT BELT UNLATCHED: GROUND	BELT LATCHED: OPEN CIRCUIT
18 LB61-40	SEAT MEMORY AUDIBLE TONE	MEMORY POS. 1 OR 2: GROUNDS TO TONE	BUTTONS RELEASED: OPEN CIRCUIT
19 LB61-34	LEFT TURN SIGNAL SWITCH	LEFT TURN: GROUND	TURN STALK CENTERED: OPEN CIRCUIT
20 LB61-33	RIGHT TURN SIGNAL SWITCH	RIGHT TURN: GROUND	TURN STALK CENTERED: OPEN CIRCUIT
21 LB61-35	HAZARD SWITCH	HAZARDS ON: GROUND	HAZARDS OFF: OPEN CIRCUIT
22 LB61-22	LEFT TURN SIGNAL FAILURE	FAILED BULB: GROUND	BULBS O.K.: 4.0V
23 LB61-21	RIGHT TURN SIGNAL FAILURE	FAILED BULB: GROUND	BULBS O.K.: 4.0V
24 LB61-48	LEFT TURN SIGNAL DISCONNECT	DISCONNECTED MODULE: OPEN CIRCUIT	CONNECTED MODULE: GROUND SENSED
25 LB61-23	RIGHT TURN SIGNAL DISCONNECT	DISCONNECTED MODULE: OPEN CIRCUIT	CONNECTED MODULE: GROUND SENSED
26 LB61-32	SECURITY SYSTEM TURN SIGNAL FLASH	PULSED SIGNAL TO FLASH	5V
27 LB61-42	CLOCK ILLUMINATION SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
28 LB60-5	ROAD SPEED INPUT	0 MPH: 5 mV AC	10 MPH: 2.2V AC
29 LB61-37	SLOW FLICK WIPER SWITCH	SLOW OR FLICK: GROUND	WIPERS OFF: OPEN CIRCUIT
30 LB61-10	INTERMITTENT WIPER SWITCH	INTERMITTENT: GROUND	WIPERS OFF: OPEN CIRCUIT
31 LB61-12	WIPER PARK SWITCH	WIPER NOT PARKED: GROUND	WIPER PARKED: OPEN CIRCUIT
32 LB61-28	LOW WASHER FLUID	LEVEL NORMAL: GROUND	LEVEL LOW: 12V
33 LB61-9	WASH / WIPE SWITCH	BUTTON PRESSED: GROUND	BUTTON RELEASED: OPEN CIRCUIT
34 LB61-41	SIDE LIGHTS ON WARNING	LIGHTS ON: GROUND	LIGHTS OFF: OPEN CIRCUIT
35 LB61-26	HEATED REAR WINDOW MOMENTARY SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
36 LB61-3	CLIMATE CONTROL DEFROST	DEFROST PRESSED: GROUND	DEFROST RELEASED: OPEN CIRCUIT
37 LB61-36	FRONT WINDSHIELD HEATER SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
LB61-1	ENGINE START INPUT	IGNITION CRANK POSITION: GROUND	KEY OUT: OPEN CIRCUIT
38 LB61-19	GEAR SELECTOR — PARK	R, N, D, 3, 2: GROUND	PARK: OPEN CIRCUIT
39 LB61-30	TRANSMISSION — PARK / NEUTRAL	P, N: GROUND	R, D, 3, 2: 5V
40 LB61-14	SECURITY VALET SWITCH	SWITCH TO OFF: GROUND	SWITCH TO ON: OPEN CIRCUIT
41 LB61-38	REMOTE LOCK / UNLOCK	TO UNLOCK: PULSE TO GROUND	5V
LB59-2	SERIAL COMMUNICATIONS DATA LINK OUTPUT	JDS	—
LB59-4	BATTERY POWER	12V	12V

#### OUTPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
1 LB60-20	SEAT BACK LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
2 LB60-11	DOOR GUARD PUDDLE LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
3 LB60-15	INTERIOR LIGHTING	LIGHTS ON: GROUND	LIGHTS OFF: 12V
4 LB60-28	TRIP COMPUTER KEYBOARD ILLUMINATION	LIGHTS ON: GROUND	LIGHTS OFF: 12V
5 LB60-17	DOOR LOCK OUTPUT	TO LOCK: PULSE TO GROUND	12V
6 LB60-18	DOOR UNLOCK OUTPUT	TO UNLOCK: PULSE TO GROUND	12V
7 LB60-12	DRIVER'S WINDOW UP (KEY ON)	CLOSE: GROUND	12V
8 LB60-19	PASSENGER'S WINDOW UP (KEY ON)	CLOSE: GROUND	12V
9 LB60-23	REAR WINDOWS UP (KEY ON)	CLOSE: GROUND	12V
10 LB60-8	SUN ROOF CLOSE (KEY ON)	CLOSE: GROUND	12V
11 LB60-13	TRUNK RELEASE	SWITCH PRESSED: GROUND	SWITCH RELEASED: 12V
12 LB60-48	ANTENNA DOWN	ANTENNA DOWN: GROUND	ANTENNA UP: 12V
13 LB60-22	ANTENNA UP	ANTENNA UP: GROUND	ANTENNA DOWN: 12V
14 LB60-34	GEAR SHIFT INTERLOCK SOLENOID (KEY ON)	BRAKE APPLIED: GROUND	BRAKE RELEASED: 12V
15 LB60-30	KEY LOCK SOLENOID (KEY ON)	R, N, D, 3, 2: GROUND	PARK, KEY REMOVED: 12V
16 LB60-41	PASSENGER'S SEAT HEATER DRIVE (KEY ON)	HEATER ON: GROUND	HEATER OFF: 12V
17 LB60-44	DRIVER'S SEAT HEATER DRIVE (KEY ON)	HEATER ON: GROUND	HEATER OFF: 12V
18 LB60-37	SEAT BELT WARNING INDICATOR (KEY ON)	5-SEC WARNING LIGHT ON: GROUND	WARNING LIGHT OFF: 12V
19 LB60-3	AUDIBLE WARNINGS (KEY ON)	PULSES TO GROUND	TURN SIGNALS ON: EXAMPLE .012 - .021V
20 LB60-4	AUDIBLE WARNINGS (KEY ON)	PULSES TO GROUND	TURN SIGNALS ON: EXAMPLE .012 - .021V
21 LB60-31	LEFT TURN SIGNAL	LEFT TURN: PULSE TO GROUND	STALK CENTERED: 12V
22 LB60-33	RIGHT TURN SIGNAL	RIGHT TURN: PULSE TO GROUND	STALK CENTERED: 12V
23 LB60-39	LEFT TURN SIGNAL INDICATOR	LEFT TURN: PULSE TO GROUND	STALK CENTERED: 12V
24 LB60-43	RIGHT TURN SIGNAL INDICATOR	RIGHT TURN: PULSE TO GROUND	STALK CENTERED: 12V
25 LB60-46	HAZARD INDICATOR	HAZARD SWITCH ON: PULSE TO GROUND	SWITCH OFF: 12V
26 LB60-40	TURN SIGNAL BULB FAIL INDICATOR	BULB FAIL: 12V	BULBS O.K.: GROUND
27 LB60-29	CLOCK ILLUMINATION POWER	12V	12V
28 LB60-45	WIPER MOTOR	WIPER SWEEPING: GROUND	WIPER PARKED: 12V
29 LB60-38	WINDSHIELD WASHER MOTOR	PUMP ON: GROUND	PUMP OFF: 12V
30 LB60-36	HEADLIGHT WASHER MOTOR	PUMP ON WITH HEADLIGHTS: GROUND	PUMP OFF: 12V
31 LB60-10	DOOR MIRROR HEATERS	MIRROR HEATERS ON: GROUND	MIRROR HEATERS OFF: 12V

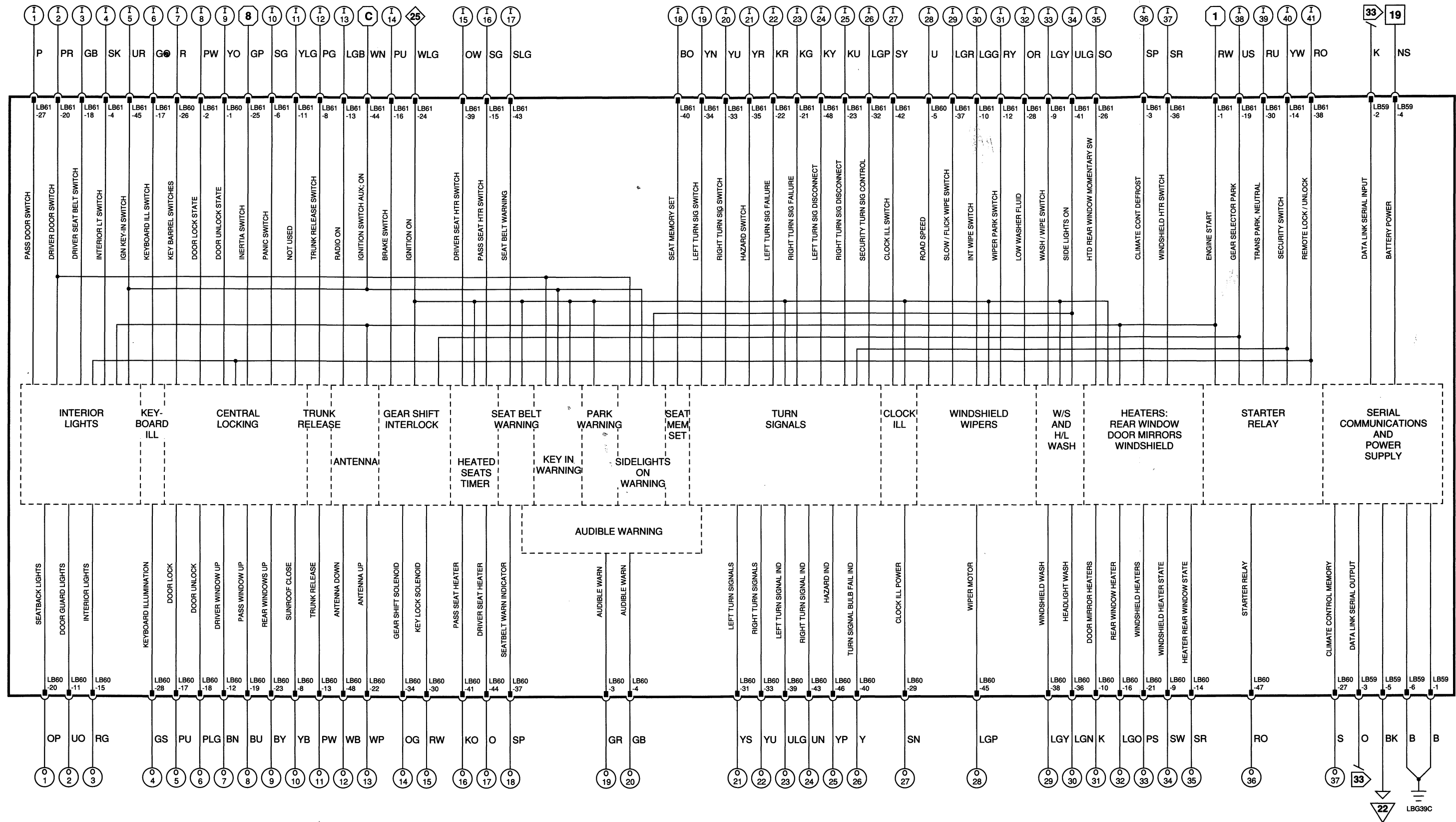
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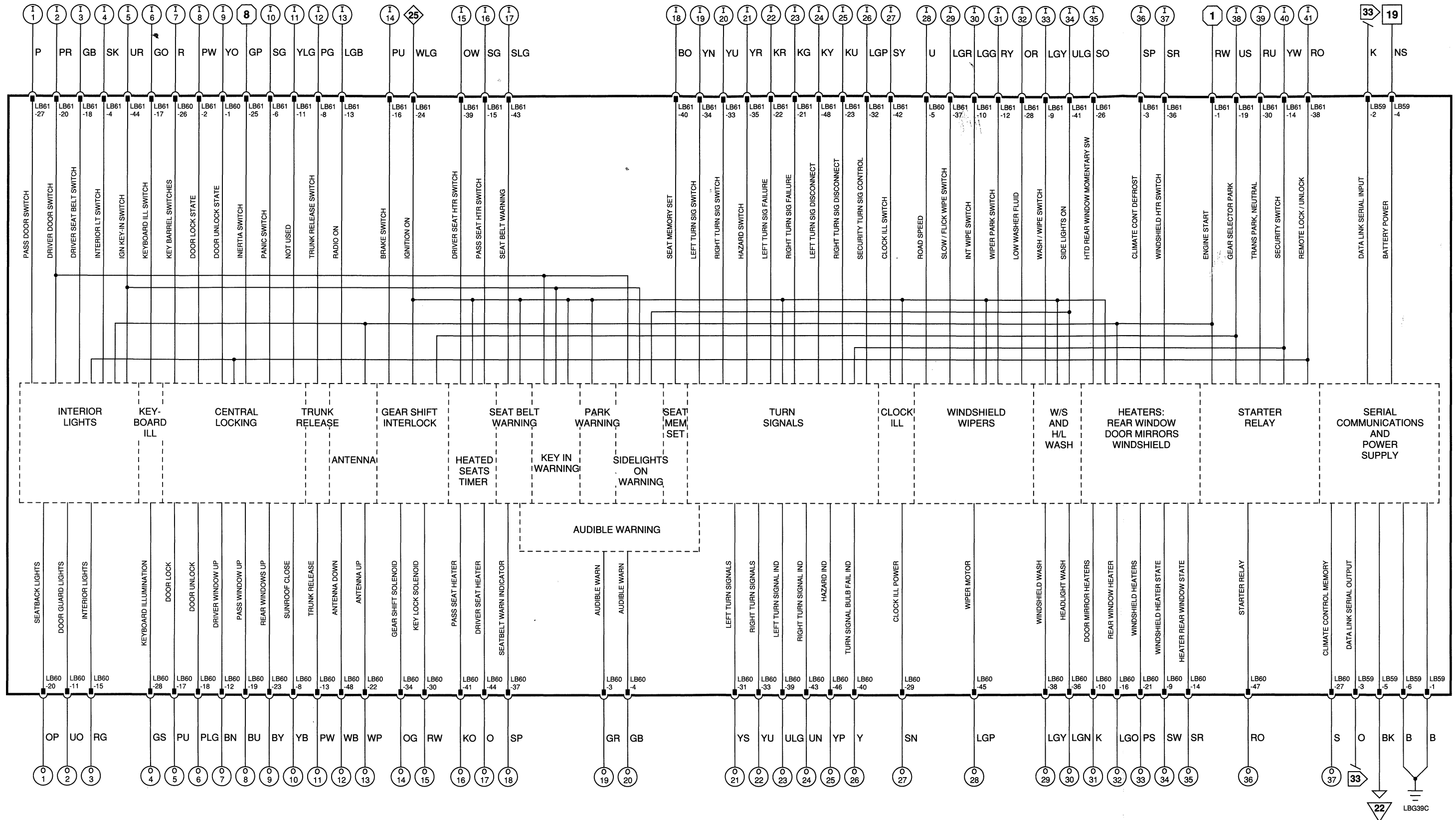
## INPUTS / OUTPUTS (CONTINUED)

### CENTRAL MICROPROCESSOR

#### OUTPUTS (CONTINUED)

CODE	CIRCUIT	ACTIVE	INACTIVE
32 LB60-16	REAR WINDOW HEATER	WINDOW HEATER ON: GROUND	HEATER OFF: 12V
33 LB60-21	WINDSHIELD HEATER	WINDSHIELD HEATER ON: GROUND	HEATER OFF: 12V
34 LB60-9	WINDSHIELD HEATER — STATE (ON/OFF)	STATE LIGHT ON: GROUND	LIGHT OFF: 12V
35 LB60-14	HEATED REAR WINDOW — STATE (ON/OFF)	STATE LIGHT ON: GROUND	LIGHT OFF: 12V
36 LB60-47	STARTER RELAY	KEY TO POSITION III: GROUND	POSITION II: 12V
37 LB60-27	CLIMATE CONTROL MEMORY	5V	5V
LB59-3	SERIAL COMMUNICATIONS DATA LINK	JDS	—
LB59-5	POWER GROUND	GROUND	GROUND
LB59-6	LOGIC GROUND	GROUND	GROUND
LB59-1	LOGIC GROUND	GROUND	GROUND







# FIG 6 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BATTERY	TRUNK, RIGHT	BATTERY TRIM COVER
BRAKE SWITCH	ABOVE BRAKE PEDAL	LEFT DASH UNDER PANEL
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
COLUMN SWITCH GEAR (IGNITION SWITCH)	STEERING COLUMN	LEFT DASH UNDER PANEL
GEAR SHIFT SOLENOID	STEERING COLUMN COWL, RIGHT	STEERING COLUMN LOWER COWL
GENERATOR	LEFT SIDE OF 'J' GATE	CENTER CONSOLE TRIM
KEY LOCK SOLENOID	LEFT FRONT OF ENGINE	ENGINE COMPARTMENT
PARK MICRO SWITCH	ABOVE IGNITION SWITCH	STEERING COLUMN COWL
RELAY MODULE G (G4 — STARTER RELAY)	GEARSHIFT INTERLOCK MODULE	CENTER CONSOLE TRIM
RELAY MODULE M (M4 — GEAR SHIFT RELAY) (M3 — KEY LOCK RELAY)	RIGHT DASH UNDER PANEL	RIGHT DASH UNDER PANEL
STARTER	PASSENGER'S SEAT	FLOOR TRIM PANEL
SUPPRESSION MODULE	LEFT REAR OF ENGINE	ENGINE COMPARTMENT
TRANSMISSION ROTARY SWITCH	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
	TRANSMISSION, LEFT SIDE	

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AN1	WHITE EYELET	REAR OF GENERATOR / SUPPRESSION MODULE
AN2	WHITE EYELET	REAR OF GENERATOR / SUPPRESSION MODULE
AN3	3-WAY ECONOSEAL III LC (RED)	BELOW AIR FILTER / SUPPRESSION MODULE HARNESS
FE29	2-WAY ECONOSEAL III HC (BLACK)	BY #6 INJECTOR / STARTER RELAY TO STARTER SOLENOID
FE48	4-WAY ECONOSEAL III LC (BLACK)	BELOW RF BULB FAIL MODULE / ENGINE HARNESS
FE49	3-WAY NIPPON DENSO (BLACK)	REAR OF GENERATOR / CHARGE INDICATOR TO INSTRUMENT PACK
GB7	12-WAY MULTILOCK 40 (BLACK)	LEFT OF CENTER FUSE PANEL, BELOW ASHTRAY / TRANSMISSION HARNESS
LB5	2-WAY MULTILOCK 40 (BLACK)	FRONT OF GEAR SHIFT LEVER / PARK MICRO SWITCH
LB29	4-WAY MULTILOCK 70 (WHITE)	LOWER STEERING COLUMN, ABOVE BRAKE PEDAL / BRAKE/CRUISE SWITCH
LB35	12-WAY MULTILOCK 40 (BLACK)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR
LB55	20-WAY MULTILOCK 40 (BLACK)	CENTER CONSOLE, FRONT OF GEAR SHIFT / BULKHEAD HARNESS
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB70	20-WAY AMP PCB POWER (BLUE)	RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE G
LB79A	12-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80A	12-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB86	4-WAY ECONOSEAL III HC (BLACK)	RIGHT DASH UNDER PANEL / BULKHEAD HARNESS
LB87	20-WAY MULTILOCK 40 (GREEN)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LB101	20-WAY AMP PCB POWER (BLUE)	IN FRONT OF PASSENGER'S SEAT CONTROL UNIT / RELAY MODULE M
LB102	2-WAY MULTILOCK 70 (WHITE)	CENTER CONSOLE BY GEARSHIFT / GEAR SHIFT INTERLOCK SOLENOID
LB103	2-WAY MULTILOCK 40 (BLUE)	BELOW STEERING COLUMN / IGNITION KEY LOCK SOLENOID
SC8	6-WAY PMHD (PURPLE)	STEERING COLUMN SWITCH GEAR, RIGHT / KEY IN SWITCH
ST1	WHITE EYELET	ENGINE, LEFT / STARTER SOLENOID
ST2	WHITE EYELET	STARTER SOLENOID / STARTER BATTERY SUPPLY
ST3	WHITE EYELET	RIGHT BULKHEAD BATTERY STUD / STARTER BULKHEAD SPUR EYELET
ST4	WHITE EYELET	GENERATOR, REAR / GENERATOR TO STARTER LINK

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG39A	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND

## INPUTS / OUTPUTS

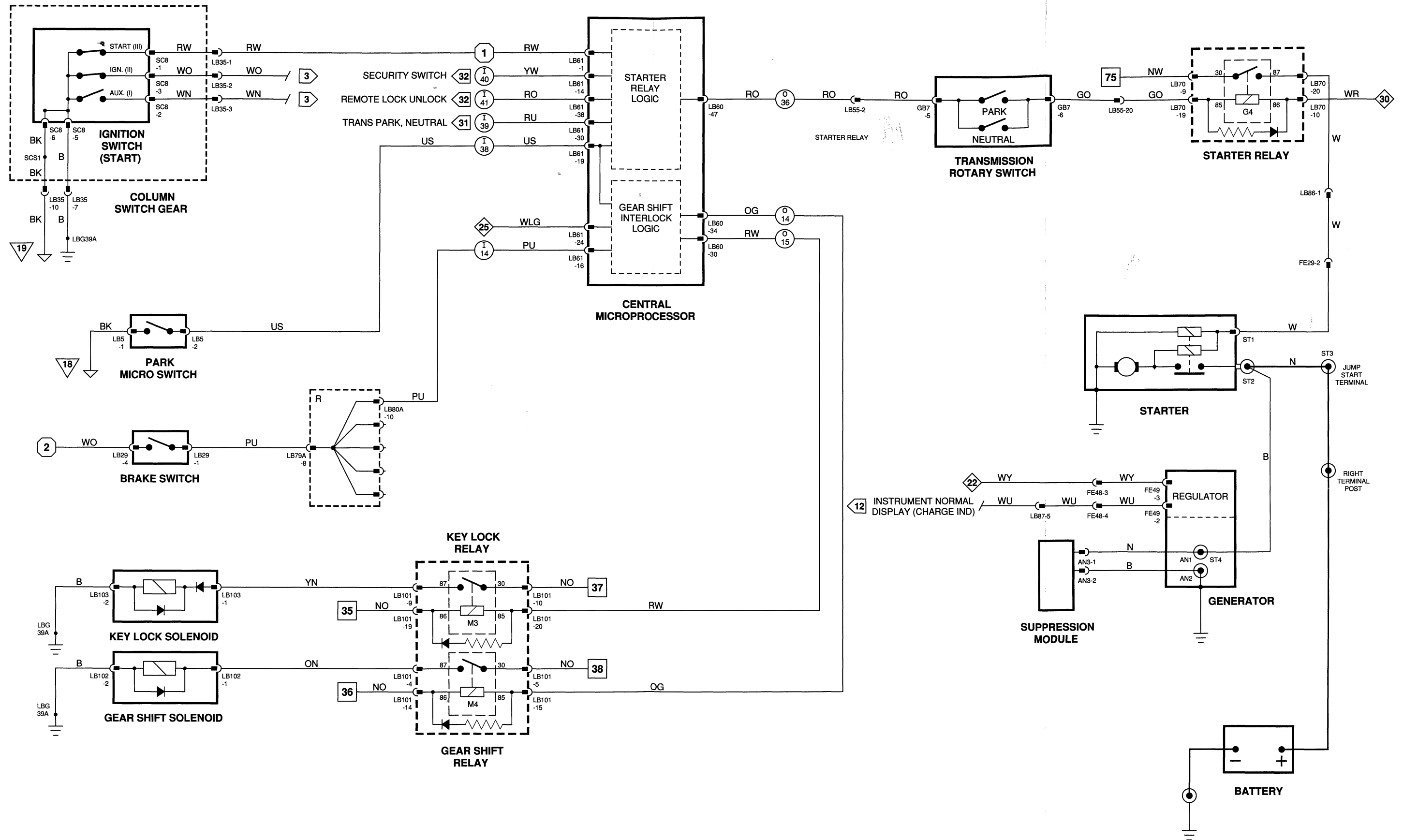
### CENTRAL MICROPROCESSOR

#### INPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
LB61-1	ENGINE START INPUT	IGNITION CRANK POSITION: GROUND	KEY OUT: OPEN CIRCUIT
14 LB61-16	BRAKE SWITCH (KEY ON)	BRAKE PEDAL PRESSED: GROUND	PEDAL RELEASED: 12V
38 LB61-19	GEAR SELECTOR — PARK	R, N, D, 3, 2: GROUND	PARK: OPEN CIRCUIT
39 LB61-30	TRANSMISSION — PARK / NEUTRAL	P, N: GROUND	R, D, 3, 2: 5V
40 LB61-14	SECURITY VALET SWITCH	SWITCH TO OFF: GROUND	SWITCH TO ON: OPEN CIRCUIT
41 LB61-38	REMOTE LOCK / UNLOCK	TO UNLOCK: PULSE TO GROUND	5V

#### OUTPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
14 LB60-34	GEAR SHIFT INTERLOCK SOLENOID (KEY ON)	BRAKE APPLIED: GROUND	BRAKE RELEASED: 12V
15 LB60-30	KEY LOCK SOLENOID (KEY ON)	R, N, D, 3, 2: GROUND	PARK, KEY REMOVED: 12V
36 LB60-47	STARTER RELAY	KEY TO POSITION III: GROUND	POSITION II: 12V



# FIG 7 DATA

## COMPONENTS

### DESCRIPTION

COLUMN SWITCH GEAR  
(HEADLIGHT FLASH SWITCH)  
FASCIA SWITCH PACK  
RELAY AND BULB FAILURE MODULE — LEFT REAR  
RELAY AND BULB FAILURE MODULE — RIGHT FRONT  
RELAY AND BULB FAILURE MODULE — RIGHT REAR  
RELAY MODULE D  
(D4 — RIGHT HEADLIGHT FLASH RELAY)  
RELAY MODULE L  
(L3 — LEFT HEADLIGHT FLASH RELAY)

### LOCATION

STEERING COLUMN  
TURN SIGNAL STALK "PULL"  
FASCIA  
BEHIND LEFT REAR BULB CLUSTER  
BEHIND RIGHT HEADLIGHT  
BEHIND RIGHT REAR BULB CLUSTER  
BEHIND RIGHT HEADLIGHT  
RIGHT REAR WHEEL ARCH

### ACCESS

LEFT DASH UNDER PANEL  
—  
—  
LEFT TRUNK TRIM  
ENGINE COMPARTMENT  
RIGHT TRUNK TRIM  
ENGINE COMPARTMENT  
RIGHT TRUNK TRIM

## CONNECTORS

### CODE

### DESCRIPTION

LB10 20-WAY MULTILOCK 40 (BLACK)  
LB11 20-WAY MULTILOCK 40 (BLUE)  
LB20 20-WAY MULTILOCK 40 (BLUE)  
LB22B 16-WAY MULTILOCK 40 (BLACK)  
LB23B 16-WAY MULTILOCK 40 (BLUE)  
LB24B 16-WAY MULTILOCK 40 (GREEN)  
LB35 12-WAY MULTILOCK 40 (BLACK)  
LB48 13-WAY AMP MK4 (BROWN)  
LB50 20-WAY MULTILOCK 40 (BLACK)  
LB52 12-WAY MULTILOCK 70 (BLACK)  
LB87 20-WAY MULTILOCK 40 (GREEN)  
LB88 20-WAY MULTILOCK 40 (BLACK)  
LFF1 3-WAY HEADLIGHT (WHITE)  
LFF2 2-WAY HEADLIGHT (WHITE)  
LS23 2-WAY ECONOSEAL III LC  
LS28 13-WAY ECONOSEAL III LC (WHITE)  
LS36 13-WAY ECONOSEAL III LC (BLACK)  
LS53 18-WAY MULTILOCK 70 (WHITE)  
RFF1 3-WAY HEADLIGHT (WHITE)  
RFF2 2-WAY HEADLIGHT (WHITE)  
RS4 13-WAY ECONOSEAL III LC (WHITE)  
RS5 13-WAY ECONOSEAL III LC (BLACK)  
RS9 2-WAY ECONOSEAL III LC (BLACK)  
RS21 20-WAY AMP PCB POWER (RED)  
RS42 20-WAY AMP PCB POWER (BLACK)  
RS60 18-WAY MULTILOCK 70 (WHITE)  
SC3 6-WAY PMHD (BLUE)

### LOCATION / INTERFACE

REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
LEFT DASH UNDER PANEL, BELOW FASCIA / FASCIA SWITCH PACK  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
LEFT HEADLIGHT / LOW BEAM  
LEFT HEADLIGHT / HIGH BEAM  
BEHIND LF DIRECTIONAL ASSEMBLY / LF FOG LIGHT  
ADJACENT TO LF BULB FAIL MODULE / LF BULB FAIL MODULE  
ADJACENT TO LF BULB FAIL MODULE / LF BULB FAIL MODULE  
BEHIND LEFT TAIL LIGHT CLUSTER / LR BULB FAIL MODULE  
RIGHT HEADLIGHT / LOW BEAM  
RIGHT HEADLIGHT / HIGH BEAM  
ADJACENT TO RF BULB FAIL MODULE / RF BULB FAIL MODULE  
ADJACENT TO RF BULB FAIL MODULE / RF BULB FAIL MODULE  
BEHIND RF DIRECTIONAL ASSEMBLY / RF FOG LIGHT  
BEHIND RIGHT HEADLIGHT / RELAY MODULE D  
BEHIND AND LEFT OF ANTENNA MOTOR / RELAY MODULE L  
BEHIND RIGHT TAIL LIGHT CLUSTER / RR BULB FAIL MODULE  
STEERING COLUMN SWITCH GEAR, LEFT / TURN SIGNAL SWITCH

## GROUND

### CODE

### DESCRIPTION

LSG27A WHITE EYELET  
LSG27B WHITE EYELET  
RFG3L WHITE EYELET  
RFG3R WHITE EYELET  
RSG6B WHITE EYELET  
RSG6C WHITE EYELET

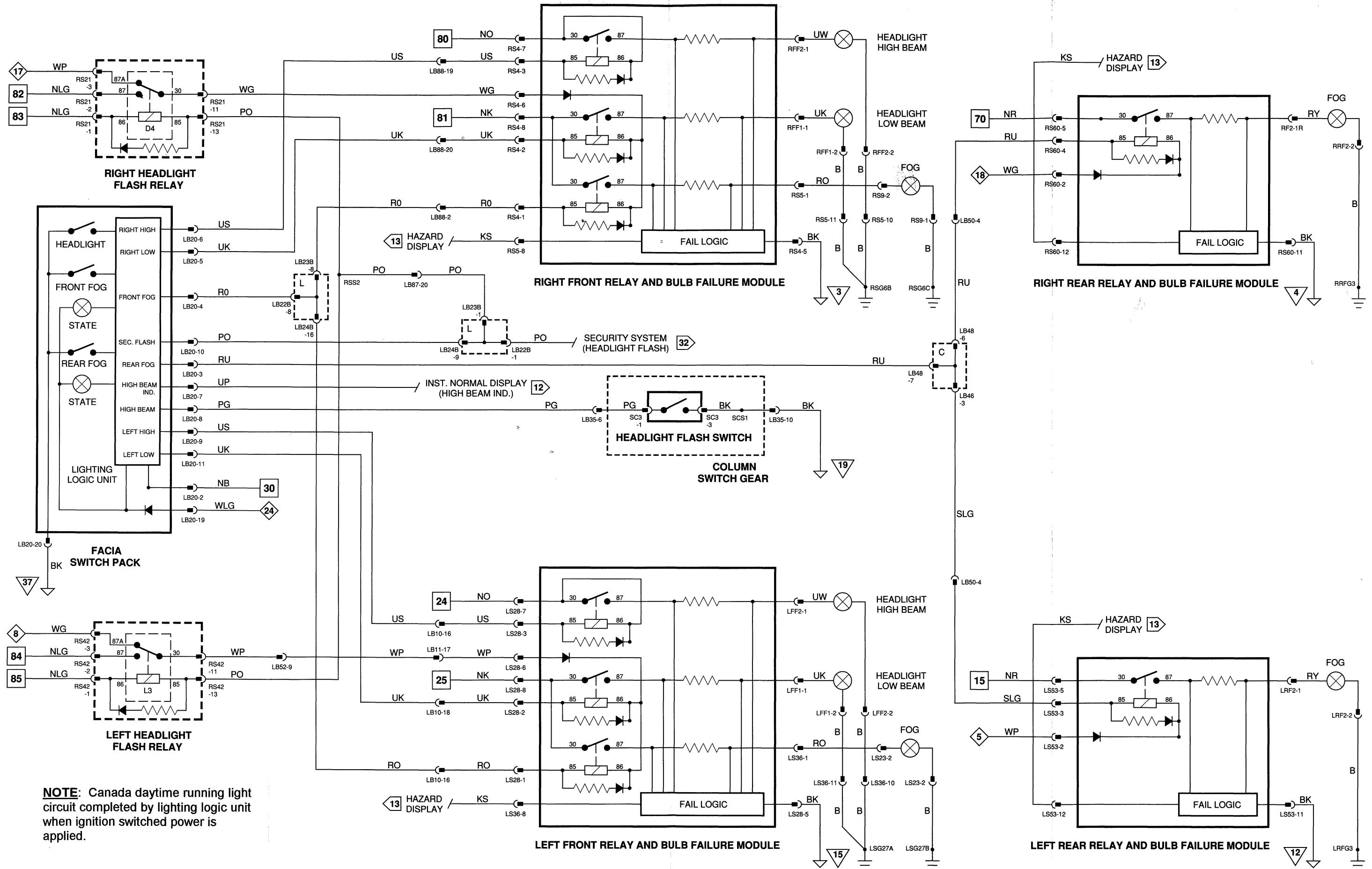
### LOCATION / INTERFACE

ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND  
ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND  
TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND  
TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND  
ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND  
ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND

## INPUTS / OUTPUTS

### FASCIA SWITCH PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB20-2	INPUT	BATTERY POWER	12V	12V
LB20-3	OUTPUT	REAR FOG LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-4	OUTPUT	FRONT FOG LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-5	OUTPUT	RIGHT FRONT HIGH BEAM	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-6	OUTPUT	RIGHT FRONT LOW BEAM	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-7	OUTPUT	INSTRUMENT HIGH BEAM DISPLAY	HIGH BEAM WARNING ON: GROUND	WARNING OFF: 12V
LB20-8	OUTPUT	HEADLIGHT FLASH SWITCH	HEADLIGHT FLASH ON: GROUND	FLASH OFF: 12V
LB20-9	OUTPUT	LEFT FRONT HIGH BEAM	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-10	OUTPUT	HEADLIGHT FLASH	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-11	OUTPUT	LEFT FRONT LOW BEAM	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB20-19	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB20-20	INPUT	LOGIC GROUND	GROUND	GROUND



**NOTE:** Canada daytime running light circuit completed by lighting logic unit when ignition switched power is applied.

# FIG 8 DATA

## COMPONENTS

### DESCRIPTION

FASCIA SWITCH PACK  
RELAY AND BULB FAILURE MODULE — LEFT FRONT  
RELAY AND BULB FAILURE MODULE — LEFT REAR  
RELAY AND BULB FAILURE MODULE — RIGHT FRONT  
RELAY AND BULB FAILURE MODULE — RIGHT REAR  
RELAY MODULE H  
(H3 — AUXILIARY SIDE LIGHTS RELAY)  
TRANSMISSION ROTARY SWITCH

### LOCATION

FASCIA  
BEHIND LEFT HEADLIGHT  
BEHIND LEFT REAR BULB CLUSTER  
BEHIND RIGHT HEADLIGHT  
BEHIND RIGHT REAR BULB CLUSTER  
RIGHT DASH UNDER PANEL  
  
TRANSMISSION, LEFT SIDE

### ACCESS

ENGINE COMPARTMENT  
LEFT TRUNK TRIM  
ENGINE COMPARTMENT  
RIGHT TRUNK TRIM  
RIGHT DASH UNDER PANEL

## CONNECTORS

### CODE

### DESCRIPTION

### LOCATION / INTERFACE

GB7	12-WAY MULTILOCK 40 (BLACK)	LEFT OF CENTER FUSE PANEL, BELOW ASHTRAY / TRANSMISSION HARNESS
LB20	20-WAY MULTILOCK 40 (BLUE)	LEFT DASH UNDER PANEL, BELOW FASCIA / FASCIA SWITCH PACK
LB24A	12-WAY MULTILOCK 40 (GREEN)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB46	13-WAY AMP MK4 (BLACK)	CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL
LB50	20-WAY MULTILOCK 40 (BLACK)	BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS
LB52	12-WAY MULTILOCK 70 (BLACK)	BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS
LB53	12-WAY MULTILOCK 70 (WHITE)	BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS
LB55	20-WAY MULTILOCK 40 (BLACK)	CENTER CONSOLE, FRONT OF GEAR SHIFT / BULKHEAD HARNESS
LB69	20-WAY AMP PCB POWER (YELLOW)	RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE H
LS24	PM 5 (GREEN)	BEHIND LF SIDE MARKER ASSEMBLY / LF SIDE MARKER LIGHT
LS25	PM 5 (BLACK)	BEHIND LF DIRECTIONAL ASSEMBLY / LF SIDE AND DIRECTIONAL LIGHTS
LS28	13-WAY ECONOSEAL III LC (WHITE)	ADJACENT TO LF BULB FAIL MODULE / LF BULB FAIL MODULE
LS36	13-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO LF BULB FAIL MODULE / LF BULB FAIL MODULE
LS53	18-WAY MULTILOCK 70 (WHITE)	BEHIND LEFT TAIL LIGHT CLUSTER / LR BULB FAIL TO LIGHT CLUSTER
LS56	5-WAY MULTIPLE INTERLOCK (WHITE)	BEHIND LEFT TAIL LIGHT CLUSTER / LR BULB FAIL TO LIGHT CLUSTER
RF1	WHITE EYELET	RIGHT 'A' POST BEHIND FUSE PANEL / BATTERY TERMINAL COVER
RS4	13-WAY ECONOSEAL III LC (WHITE)	ADJACENT TO RF BULB FAIL MODULE / RF BULB FAIL MODULE
RS5	13-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO RF BULB FAIL MODULE / RF BULB FAIL MODULE
RS7	PM 5 (BLACK)	BEHIND RF DIRECTIONAL ASSEMBLY / RF SIDE LIGHT
RS8	PM 5 (GREEN)	BEHIND RF SIDE MARKER ASSEMBLY / RF SIDE MARKER LIGHT
RS50	.250 BLADE (BLACK)	BEHIND TRUNK LID TRIM PANEL / LICENSE PLATE LIGHT
RS51	.250 BLADE (BLACK)	BEHIND TRUNK LID TRIM PANEL / LICENSE PLATE LIGHT
RS55	.250 BLADE (BLACK)	BEHIND TRUNK LID TRIM PANEL / LICENSE PLATE LIGHT
RS56	.250 BLADE (BLACK)	BEHIND TRUNK LID TRIM PANEL / LICENSE PLATE LIGHT
RS60	18-WAY MULTILOCK 70 (WHITE)	BEHIND RIGHT TAIL LIGHT CLUSTER / RR BULB FAIL MODULE
RS64	5-WAY MULTIPLE INTERLOCK (WHITE)	BEHIND RIGHT TAIL LIGHT CLUSTER / RR BULB FAIL MODULE TO LIGHT CLUSTER

## GROUNDS

### CODE

### DESCRIPTION

### LOCATION / INTERFACE

LSG27B	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND
LSG54B	WHITE EYELET	TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND
RFG3L	WHITE EYELET	TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND
RFG3R	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND
RS66C	WHITE EYELET	ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND
RS662A	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND
RS662C	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND



# FIG 9 DATA

## COMPONENTS

### DESCRIPTION

BRAKE SWITCH  
 CENTRAL MICROPROCESSOR  
 COLUMN SWITCH GEAR  
 (TURN SIGNAL SWITCHES)  
 FASCIA SWITCH PACK  
 HIGH MOUNT STOP LIGHT  
 RELAY AND BULB FAILURE MODULE — LEFT FRONT  
 RELAY AND BULB FAILURE MODULE — LEFT REAR  
 RELAY AND BULB FAILURE MODULE — RIGHT FRONT  
 RELAY AND BULB FAILURE MODULE — RIGHT REAR  
 RELAY MODULE L  
 (L1 — HIGH MOUNT STOP LIGHT RELAY)

### LOCATION

ABOVE BRAKE PEDAL  
 BEHIND GLOVE BOX  
 STEERING COLUMN  
 STEERING COLUMN, LEFT  
 FASCIA  
 REAR WINDOW  
 BEHIND LEFT HEADLIGHT  
 BEHIND LEFT REAR BULB CLUSTER  
 BEHIND RIGHT HEADLIGHT  
 BEHIND RIGHT REAR BULB CLUSTER  
 RIGHT REAR WHEEL ARCH

### ACCESS

LEFT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 LEFT DASH UNDER PANEL  
 —  
 —  
 —  
 ENGINE COMPARTMENT  
 LEFT TRUNK TRIM  
 ENGINE COMPARTMENT  
 RIGHT TRUNK TRIM  
 RIGHT TRUNK TRIM

## CONNECTORS

### CODE

### DESCRIPTION

LB11 20-WAY MULTILOCK 40 (BLUE)  
 LB20 20-WAY MULTILOCK 40 (BLUE)  
 LB29 4-WAY MULTILOCK 70 (WHITE)  
 LB33 12-WAY MULTILOCK 40 (GREEN)  
 LB35 12-WAY MULTILOCK 40 (BLACK)  
 LB51 12-WAY MULTILOCK 70 (WHITE)  
 LB53 12-WAY MULTILOCK 70 (WHITE)  
 LB60 48-WAY AMP PCB SIGNAL (YELLOW)  
 LB61 48-WAY AMP PCB SIGNAL (BLACK)  
 LB79A 12-WAY MULTILOCK 40 (BLACK)  
 LB80A 12-WAY MULTILOCK 40 (GREEN)  
 LB88 20-WAY MULTILOCK 40 (BLACK)  
 LS25 PM 5 (BLACK)  
 LS28 13-WAY ECONOSEAL III LC (WHITE)  
 LS36 13-WAY ECONOSEAL III LC (BLACK)  
 LS53 18-WAY MULTILOCK 70 (WHITE)  
 LS56 5-WAY MULTIPLE INTERLOCK (WHITE)  
 RS4 13-WAY ECONOSEAL III LC (WHITE)  
 RS5 13-WAY ECONOSEAL III LC (BLACK)  
 RS7 PM 5 (BLACK)  
 RS35 3-WAY EDGE CONTACT (SLATE)  
 RS42 20-WAY AMP PCB POWER (BLACK)  
 RS60 18-WAY MULTILOCK 70 (WHITE)  
 RS64 5-WAY MULTIPLE INTERLOCK (WHITE)  
 SC3 6-WAY PMHD (BLUE)

### LOCATION / INTERFACE

REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
 LEFT DASH UNDER PANEL, BELOW FASCIA / FASCIA SWITCH PACK  
 LOWER STEERING COLUMN, ABOVE BRAKE PEDAL / BRAKE/CRUISE SWITCH  
 LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN CYCLE SWITCH  
 LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR  
 BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
 BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS  
 BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR  
 BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR  
 RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
 RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
 REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
 BEHIND LF DIRECTIONAL ASSEMBLY / LF SIDE AND DIRECTIONAL LIGHTS  
 ADJACENT TO LF BULB FAIL MODULE / LF BULB FAIL MODULE  
 ADJACENT TO LF BULB FAIL MODULE / LF BULB FAIL MODULE  
 BEHIND LEFT TAIL LIGHT CLUSTER / LR BULB FAIL MODULE  
 BEHIND LEFT TAIL LIGHT CLUSTER / LR BULB FAIL TO LIGHT CLUSTER  
 ADJACENT TO RF BULB FAIL MODULE / RF BULB FAIL MODULE  
 ADJACENT TO RF BULB FAIL MODULE / RF BULB FAIL MODULE  
 BEHIND RF DIRECTIONAL ASSEMBLY / RF SIDE LIGHT  
 FITTED TO HIGH MOUNT STOP LIGHT / HIGH MOUNT STOPLIGHT  
 BEHIND AND LEFT OF ANTENNA MOTOR / RELAY MODULE L  
 BEHIND RIGHT TAIL LIGHT CLUSTER / RR BULB FAIL MODULE  
 BEHIND RIGHT TAIL LIGHT CLUSTER / RR BULB FAIL MODULE TO LIGHT CLUSTER  
 STEERING COLUMN SWITCH GEAR, LEFT / TURN SIGNAL SWITCH

## GROUND

### CODE

### DESCRIPTION

LSG4B WHITE EYELET  
 LSG7B WHITE EYELET  
 RSG6C WHITE EYELET  
 RSG62B WHITE EYELET  
 RSG62C WHITE EYELET

### LOCATION / INTERFACE

TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND  
 ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND  
 ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND  
 TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND  
 TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

#### INPUTS

CODE	CIRCUIT
LB61-24	IGNITION SWITCHED POWER
19 LB61-34	LEFT TURN SIGNAL SWITCH
20 LB61-33	RIGHT TURN SIGNAL SWITCH
21 LB61-35	HAZARD SWITCH
22 LB61-22	LEFT TURN SIGNAL FAILURE
23 LB61-21	RIGHT TURN SIGNAL FAILURE
24 LB61-48	LEFT TURN SIGNAL DISCONNECT
25 LB61-23	RIGHT TURN SIGNAL DISCONNECT
26 LB61-32	SECURITY SYSTEM TURN SIGNAL FLASH
40 LB61-14	SECURITY VALET SWITCH

#### ACTIVE

KEY ON: 12V  
 LEFT TURN: GROUND  
 RIGHT TURN: GROUND  
 HAZARDS ON: GROUND  
 FAILED BULB: GROUND  
 FAILED BULB: GROUND  
 DISCONNECTED MODULE: OPEN CIRCUIT  
 DISCONNECTED MODULE: OPEN CIRCUIT  
 PULSED SIGNAL TO FLASH  
 SWITCH TO OFF: GROUND

#### INACTIVE

KEY OFF: OPEN CIRCUIT  
 TURN STALK CENTERED: OPEN CIRCUIT  
 TURN STALK CENTERED: OPEN CIRCUIT  
 HAZARDS OFF: OPEN CIRCUIT  
 BULBS O.K.: 4.0V  
 BULBS O.K.: 4.0V  
 CONNECTED MODULE: GROUND SENSED  
 CONNECTED MODULE: GROUND SENSED  
 5V  
 SWITCH TO ON: OPEN CIRCUIT

#### OUTPUTS

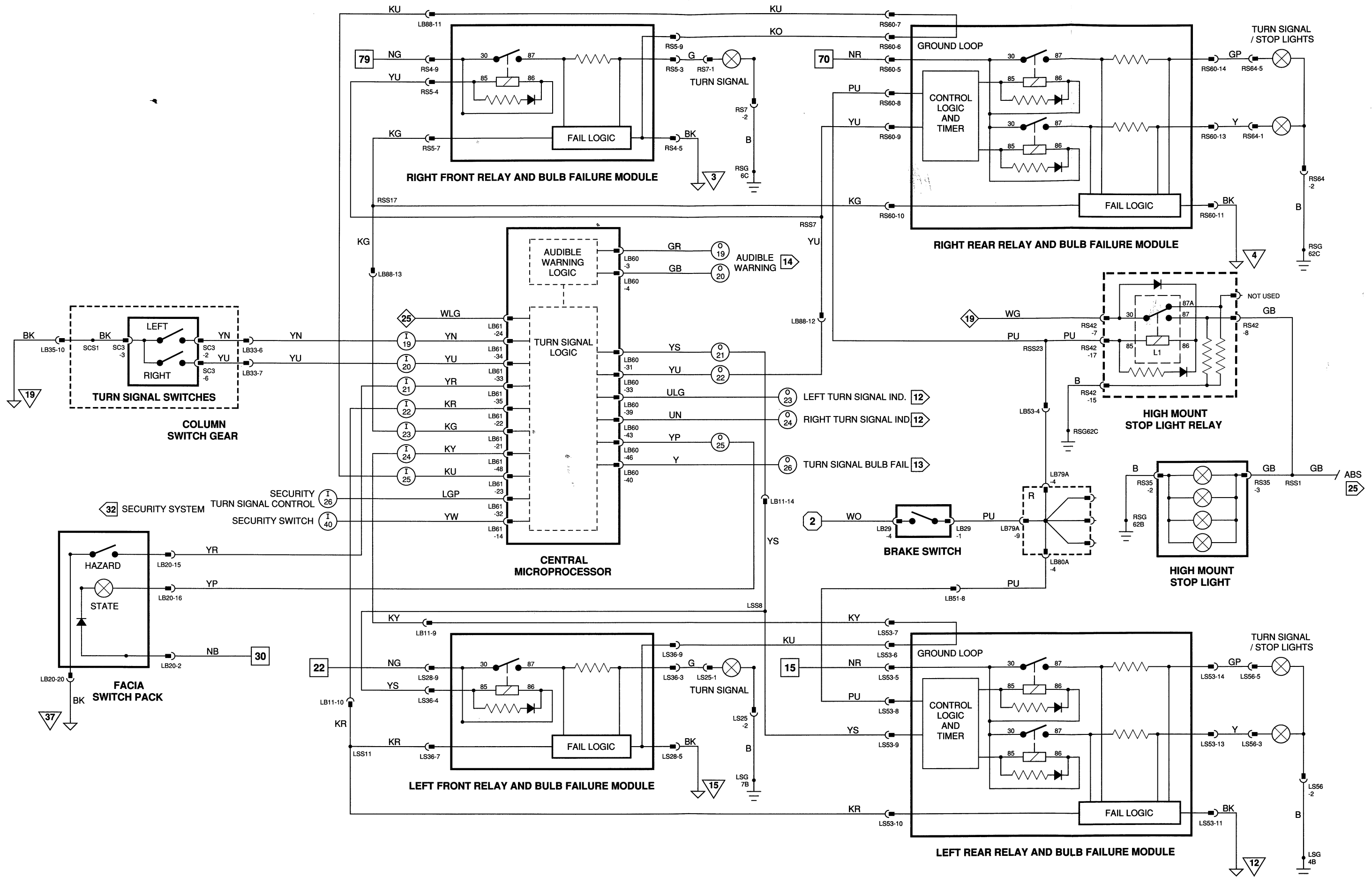
CODE	CIRCUIT
19 LB60-3	AUDIBLE WARNINGS (KEY ON)
20 LB60-4	AUDIBLE WARNINGS (KEY ON)
21 LB60-31	LEFT TURN SIGNAL
22 LB60-33	RIGHT TURN SIGNAL
23 LB60-39	LEFT TURN SIGNAL INDICATOR
24 LB60-43	RIGHT TURN SIGNAL INDICATOR
25 LB60-46	HAZARD INDICATOR
26 LB60-40	TURN SIGNAL BULB FAIL INDICATOR

#### ACTIVE

PULSES TO GROUND  
 PULSES TO GROUND  
 LEFT TURN: PULSE TO GROUND  
 RIGHT TURN: PULSE TO GROUND  
 LEFT TURN: PULSE TO GROUND  
 RIGHT TURN: PULSE TO GROUND  
 HAZARD SWITCH ON: PULSE TO GROUND  
 BULB FAIL: 12V

#### INACTIVE

TURN SIGNALS ON: EXAMPLE .012 - .021V  
 TURN SIGNALS ON: EXAMPLE .012 - .021V  
 STALK CENTERED: 12V  
 STALK CENTERED: 12V  
 STALK CENTERED: 12V  
 STALK CENTERED: 12V  
 SWITCH OFF: 12V  
 BULBS O.K.: GROUND



  BATTERY POWER (FIGS 1/L, 1/R)  
   IGNITION POWER (FIG 2)  
   IGNITION SWITCHED GROUND (FIG 3)  
   LOGIC GROUND (FIG 4)  
   CPU INPUTS / OUTPUTS (FIG 5)  
   FIG NUMBER REFERENCE



# FIG 10 DATA

## COMPONENTS

### DESCRIPTION

CENTER CONSOLE  
CENTRAL MICROPROCESSOR  
COLUMN SWITCH GEAR  
(KEY-IN SWITCH)  
DOOR GUARD LIGHT — DRIVER  
DOOR GUARD LIGHT — LEFT REAR  
DOOR GUARD LIGHT — PASSENGER  
DOOR GUARD LIGHT — RIGHT REAR  
DOOR SWITCH PACK — DRIVER  
DOOR SWITCH PACK — LEFT REAR  
DOOR SWITCH PACK — PASSENGER  
DOOR SWITCH PACK — RIGHT REAR  
DOOR SWITCH — DRIVER  
DOOR SWITCH — LEFT REAR  
DOOR SWITCH — PASSENGER  
DOOR SWITCH — RIGHT REAR  
SEAT BELT SWITCH — DRIVER  
E POST LIGHT — LEFT  
E POST LIGHT — RIGHT  
RELAY MODULE E  
(E4 — SEAT BACK LIGHTS RELAY)  
RELAY MODULE F  
(F3 — INTERIOR LIGHTS RELAY)  
(F4 — DOOR GUARD LIGHTS RELAY)  
ROOF CONSOLE  
SEAT BACK LIGHT AND SWITCH — LEFT  
SEAT BACK LIGHT AND SWITCH — RIGHT  
TRUNK LIGHT  
TRUNK LIGHT SWITCH  
VANITY MIRROR — LEFT  
VANITY MIRROR — RIGHT

### LOCATION

BEHIND DRIVER / PASSENGER SEAT  
BEHIND GLOVE BOX  
STEERING COLUMN  
IGNITION SWITCH  
DRIVER'S DOOR  
LEFT REAR DOOR  
PASSENGER'S DOOR  
RIGHT REAR DOOR  
DRIVER'S DOOR  
LEFT REAR DOOR  
PASSENGER'S DOOR  
RIGHT REAR DOOR  
DRIVER'S DOOR LATCH  
LEFT REAR DOOR LATCH  
PASSENGER'S DOOR LATCH  
RIGHT REAR DOOR LATCH  
DRIVER'S SEAT BELT ANCHOR  
LEFT REAR 'E' POST  
RIGHT REAR 'E' POST  
BEHIND LEFT HEADLIGHT  
  
RIGHT DASH UNDER PANEL  
  
ROOF CONSOLE  
DRIVER'S SEAT BACK  
PASSENGER'S SEAT BACK  
TRUNK  
RIGHT TRUNK HINGE  
LEFT VANITY MIRROR  
RIGHT VANITY MIRROR

### ACCESS

—  
RIGHT DASH UNDER PANEL  
LEFT DASH UNDER PANEL  
STEERING COLUMN LOWER COWL  
DRIVER'S DOOR CASING  
LEFT REAR DOOR CASING  
PASSENGER'S DOOR CASING  
RIGHT REAR DOOR CASING  
DRIVER'S DOOR LOWER CASING  
LEFT REAR DOOR LOWER CASING  
PASSENGER'S DOOR LOWER CASING  
RIGHT REAR DOOR LOWER CASING  
DRIVER'S DOOR CASING  
LEFT REAR DOOR CASING  
PASSENGER'S DOOR CASING  
RIGHT REAR DOOR CASING  
LEFT SIDE  
TRIM PANEL  
TRIM PANEL  
ENGINE COMPARTMENT  
  
RIGHT DASH UNDER PANEL  
  
—  
SWITCH BEZEL  
SWITCH BEZEL  
TRUNK PANEL  
RIGHT TRUNK TRIM  
HEADLINER  
HEADLINER

## CONNECTORS

### CODE DESCRIPTION

DD1 8-WAY MULTILOCK 70 (WHITE)  
DD4 4-WAY ECONOSEAL III LC (BLACK)  
DIL3 3-WAY MULTILOCK 70 (WHITE)  
DPL1 2-WAY MULTILOCK 70 (WHITE)  
DPL2 .250 BLADE (WHITE)  
DPL3 .250 BLADE (WHITE)  
DSM5 18-WAY MULTILOCK 70 (WHITE)  
DSM8 2-WAY MULTILOCK 40 (BLACK)  
LB9 12-WAY MULTILOCK 70 (WHITE)  
LB11 20-WAY MULTILOCK 40 (BLUE)  
LB12 20-WAY MULTILOCK 40 (BLACK)  
LB14 20-WAY MULTILOCK 40 (GREEN)  
LB15 2-WAY MULTILOCK 40 (BLACK)  
LB34 12-WAY MULTILOCK 40 (GREEN)  
LB35 12-WAY MULTILOCK 40 (BLACK)  
LB42 10-WAY MULTILOCK 70 (WHITE)  
LB43 10-WAY MULTILOCK 70 (WHITE)  
LB50 20-WAY MULTILOCK 40 (BLACK)  
LB52 12-WAY MULTILOCK 70 (BLACK)  
LB60 48-WAY AMP PCB SIGNAL (YELLOW)  
LB61 48-WAY AMP PCB SIGNAL (BLACK)  
LB71 20-WAY AMP PCB POWER (RED)  
LB73 2-WAY MULTILOCK 40 (BLACK)  
LB75 4-WAY MULTILOCK 40 (BLACK)  
LB79A 12-WAY MULTILOCK 40 (BLACK)  
LB80A 12-WAY MULTILOCK 40 (GREEN)  
LB81A 12-WAY MULTILOCK 40 (BLUE)  
LB82 20-WAY MULTILOCK 40 (BLACK)  
LB86 4-WAY ECONOSEAL III HC (BLACK)  
PIL3 3-WAY MULTILOCK 70 (WHITE)  
LB87 20-WAY MULTILOCK 40 (GREEN)  
LB88 20-WAY MULTILOCK 40 (BLACK)  
LPL1 2-WAY MULTILOCK 70 (WHITE)  
LPL2 .250 BLADE (WHITE)  
LPL3 .250 BLADE (WHITE)  
LRD1 12-WAY MULTILOCK 70 (WHITE)  
LRD4 4-WAY ECONOSEAL III LC (BLACK)  
LRD9 12-WAY MULTILOCK 40 (BLACK)  
LS39 2-WAY MULTILOCK 40 (BLACK)  
LS70 20-WAY AMP PCB POWER (BLACK)  
PD1 12-WAY MULTILOCK 70 (WHITE)  
PD4 4-WAY ECONOSEAL III LC (BLACK)  
PPL1 2-WAY MULTILOCK 70 (WHITE)  
PPL2 .250 BLADE (WHITE)  
PPL3 .250 BLADE (WHITE)  
PSM5 18-WAY MULTILOCK 70 (WHITE)  
RRD1 12-WAY MULTILOCK 70 (WHITE)  
RRD4 4-WAY ECONOSEAL III LC (BLACK)  
RRD9 12-WAY MULTILOCK 40 (BLACK)  
RPL1 2-WAY MULTILOCK 70 (WHITE)  
RPL2 .250 BLADE (WHITE)  
RPL3 .250 BLADE (WHITE)  
RS34 2-WAY MULTILOCK 40 (BLACK)  
RS48 .250 BLADE (BLACK)  
RS49 .250 BLADE (BLACK)  
RS57 .250 BLADE (BLACK)  
SC8 6-WAY PMHD (PURPLE)

### LOCATION / INTERFACE

DRIVER'S DOOR, BOTTOM OF SWITCH PACK / DRIVER'S DOOR HARNESS  
DRIVER'S DOOR, BOTTOM REAR / DRIVER'S DOOR SWITCH  
REAR OF DRIVER'S SEAT BACK / SEAT BACK READING LIGHT  
BELOW DRIVER'S DOOR CATCH / DRIVER'S DOOR HARNESS  
BEHIND DRIVER'S PUDDLE LIGHT / DRIVER'S PUDDLE LIGHT  
DRIVER'S DOOR, BEHIND PUDDLE LIGHT CASING / DRIVER'S PUDDLE LIGHT  
BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT HARNESS  
BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT BELT SWITCH  
LEFT 'A' POST, ABOVE FUSE PANEL / BULKHEAD HARNESS  
REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS  
LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS  
BEHIND LEFT SUN VISOR LINING / LEFT VANITY MIRROR  
BEHIND CENTER CONSOLE CLOCK / CENTER CONSOLE SWITCH PANEL  
LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR  
FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS  
FRONT OF PASSENGER'S SEAT BY SEAT CONTROL UNIT / BULKHEAD TO SEAT HARNESS  
BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS  
BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR  
BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR  
RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE F  
ROOF CONSOLE / MAP AND INTERIOR LIGHTS  
BEHIND RIGHT SUN VISOR LINING / RIGHT VANITY MIRROR  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS  
RIGHT DASH UNDER PANEL / BULKHEAD HARNESS  
REAR OF PASSENGER'S SEAT BACK / SEAT BACK READING LIGHT  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
BELOW LR DOOR CATCH / LR DOOR HARNESS  
BEHIND LR PUDDLE LIGHT / LR PUDDLE LIGHT  
LR DOOR, BEHIND PUDDLE LIGHT CASING / LR PUDDLE LIGHT  
LR DOOR, BOTTOM OF SWITCH PACK / LR DOOR HARNESS  
LR DOOR, BOTTOM OF DOOR / LR DOOR SWITCH  
RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / LR HARNESS  
LEFT 'E' POST BEHIND TRIM PANEL / LEFT 'E' POST LIGHT  
LEFT HEADLIGHT BRACKET BELOW HOOD HINGE / RELAY MODULE E  
PASSENGER'S DOOR, BOTTOM OF SWITCH PACK / PASSENGER'S DOOR HARNESS  
PASSENGER'S DOOR, BOTTOM REAR / PASSENGER'S DOOR SWITCH  
BELOW PASSENGER'S DOOR CATCH / PASSENGER'S DOOR HARNESS  
BEHIND PASSENGER'S PUDDLE LIGHT / PASSENGER'S PUDDLE LIGHT  
PASSENGER'S DOOR, BEHIND PUDDLE LIGHT CASING / PASSENGER'S PUDDLE LIGHT  
BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S SEAT HARNESS  
RR DOOR, BOTTOM OF SWITCH PACK / RR DOOR HARNESS  
RR DOOR, BOTTOM OF DOOR / RR DOOR SWITCH  
RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / RR HARNESS  
BELOW RR DOOR CATCH / RR DOOR HARNESS  
BEHIND RR PUDDLE LIGHT / RR PUDDLE LIGHT  
RR DOOR, BEHIND PUDDLE LIGHT CASING / RR PUDDLE LIGHT  
BEHIND RIGHT 'E' POST LIGHT / RIGHT 'E' POST LIGHT  
BEHIND TRUNK LID TRIM PANEL / TRUNK LIGHT  
BEHIND TRUNK LID TRIM PANEL / TRUNK LIGHT  
TRUNK, RIGHT, MOUNTED TO HINGE / TRUNK LIGHT MICRO SWITCH  
STEERING COLUMN SWITCH GEAR, RIGHT / KEY IN SWITCH

## GROUND

### CODE DESCRIPTION

LBG13B WHITE EYELET  
LBG39B WHITE EYELET  
LBG84A WHITE EYELET

### LOCATION / INTERFACE

ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND  
CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND  
ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND

CONTINUED AT LEFT ON FOLDOUT

## INPUT / OUTPUTS

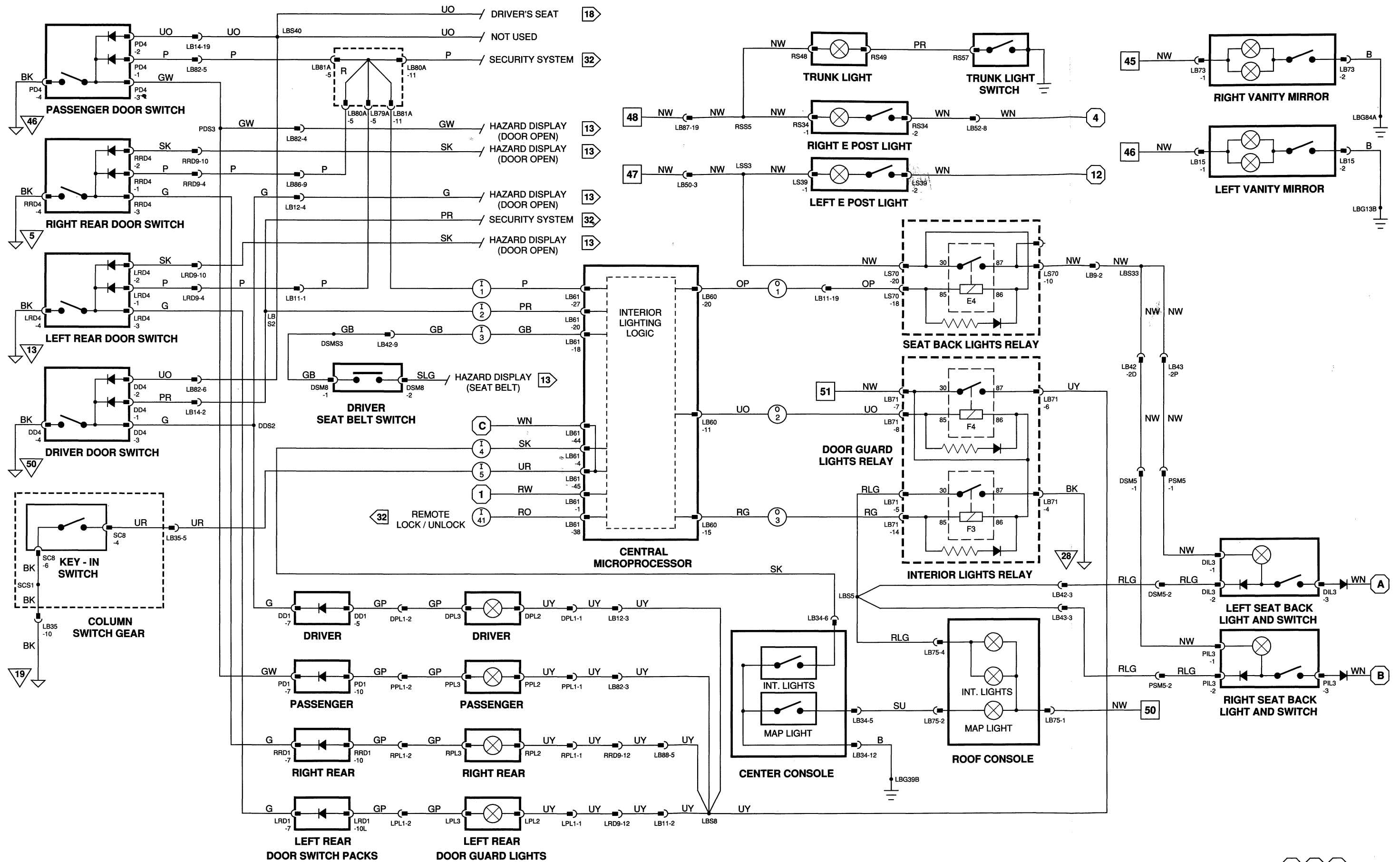
### CENTRAL MICROPROCESSOR

#### INPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
1 LB61-27	PASSENGER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 5V
2 LB61-20	DRIVER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 5V
3 LB61-18	DRIVER'S SEAT BELT SWITCH	BELT UNLATCHED: 129 mV	BELT LATCHED: 157 mV
4 LB61-4	INTERIOR LIGHT SWITCH PAD #2	LIGHTS ON: GROUND	LIGHTS OFF: OPEN CIRCUIT
5 LB61-44	IGNITION KEY IN SWITCH	KEY IN: GROUND	KEY OUT: OPEN CIRCUIT
LB61-1	ENGINE START INPUT	IGNITION CRANK POSITION: GROUND	KEY OUT: OPEN CIRCUIT
41 LB61-38	REMOTE LOCK / UNLOCK	TO UNLOCK: PULSE TO GROUND	5V

#### OUTPUTS

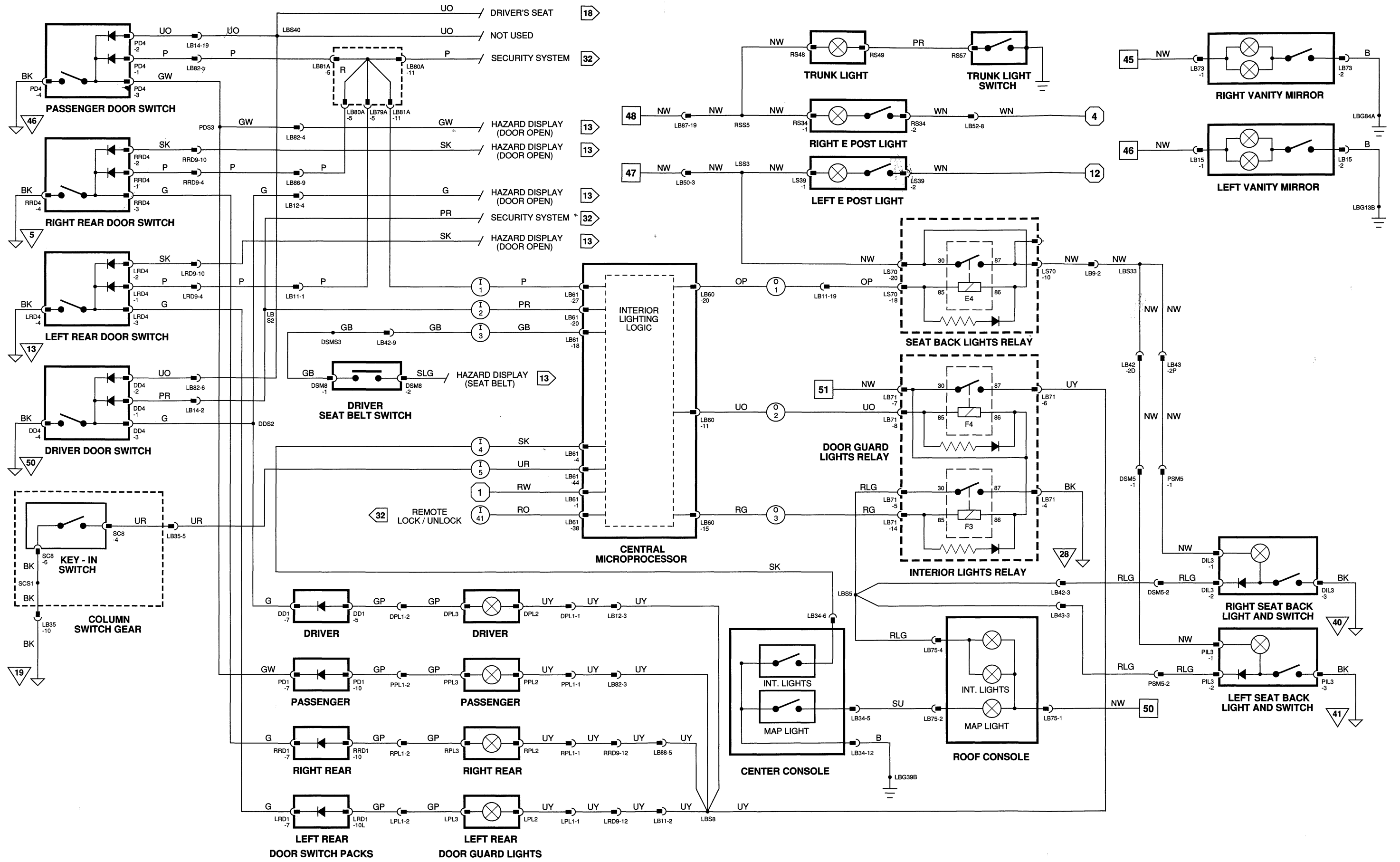
CODE	CIRCUIT	ACTIVE	INACTIVE
1 LB60-20	SEAT BACK LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
2 LB60-11	DOOR GUARD PUDDLE LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
3 LB60-15	INTERIOR LIGHTING	LIGHTS ON: GROUND	LIGHTS OFF: 12V



  BATTERY POWER (FIGS 1/L, 1/R)  
   IGNITION POWER (FIG 2)  
   IGNITION SWITCHED GROUND (FIG 3)  
   LOGIC GROUND (FIG 4)  
   CPU INPUTS / OUTPUTS (FIG 5)  
   FIG NUMBER REFERENCE

NOTE: A B C VIN 673810 ON

NOTE: SEAT BACK LIGHT CIRCUIT REVISED VIN 673810 ON HOOD LIGHTS AND GLOVE BOX LIGHT — FIG 17



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

NOTE: HOOD LIGHTS AND GLOVE BOX LIGHT — FIG 17

# FIG 11 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTER CONSOLE	BETWEEN DRIVER / PASSENGER SEAT	—
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
CLIMATE CONTROL PANEL	CENTER CONSOLE ABOVE RADIO	—
CLIMATE CONTROL SWITCH	CENTER CONSOLE, ABOVE RADIO	—
COLUMN SWITCH GEAR (DIMMER)	STEERING COLUMN	LEFT DASH UNDER PANEL
DOOR SWITCH PACK — DRIVER	STEERING COLUMN COWL, LEFT	STEERING COLUMN LOWER COWL
DOOR SWITCH PACK — LEFT REAR	DRIVER'S DOOR	DRIVER'S DOOR LOWER CASING
DOOR SWITCH PACK — PASSENGER	LEFT REAR DOOR	LEFT REAR DOOR LOWER CASING
DOOR SWITCH PACK — RIGHT REAR	PASSENGER'S DOOR	PASSENGER'S DOOR LOWER CASING
FASCIA SWITCH PACK	RIGHT REAR DOOR	RIGHT REAR DOOR LOWER CASING
INSTRUMENT PACK	FASCIA	—
RADIO	DRIVER'S SIDE FASCIA	—
SEAT SWITCH PACK — DRIVER	CENTER CONSOLE	—
SEAT SWITCH PACK — PASSENGER	CENTER CONSOLE, LEFT SIDE	CENTER CONSOLE
	CENTER CONSOLE, RIGHT SIDE	CENTER CONSOLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AC1	24-WAY AMP PCB SIGNAL (BLACK)	BEHIND CLIMATE CONTROL PANEL / CLIMATE CONTROL PANEL
DD1	8-WAY MULTILOCK 70 (WHITE)	DRIVER'S DOOR, BOTTOM OF SWITCH PACK / DRIVER'S DOOR HARNESS
DD2	20-WAY MULTILOCK 40 (BLACK)	DRIVER'S DOOR SWITCH PACK, NEAR FRONT OF DOOR / DRIVER'S DOOR SWITCH PACK
LB10	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB12	20-WAY MULTILOCK 40 (BLACK)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB20	20-WAY MULTILOCK 40 (BLUE)	LEFT DASH UNDER PANEL, BELOW FASCIA / FASCIA SWITCH PACK
LB21	24-WAY AMP PCB SIGNAL (BLACK)	BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK
LB22A	12-WAY MULTILOCK 40 (BLACK)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB23A	12-WAY MULTILOCK 40 (BLUE)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB24A	12-WAY MULTILOCK 40 (GREEN)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB25	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK
LB26	18-WAY MULTILOCK 70 (YELLOW)	REAR OF TRIP COMPUTER BY STEERING COLUMN / TRIP COMPUTER
LB33	12-WAY MULTILOCK 40 (GREEN)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN CYCLE SWITCH
LB34	12-WAY MULTILOCK 40 (GREEN)	BEHIND CENTER CONSOLE CLOCK / CENTER CONSOLE SWITCH PANEL
LB35	12-WAY MULTILOCK 40 (BLACK)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR
LB36	14-WAY MULTILOCK 70 (WHITE)	BEHIND CENTER CONSOLE RADIO / RADIO
LB37	20-WAY MULTILOCK 40 (GREEN)	MOUNTED LEFT OF CENTER CONSOLE CHEEK / DRIVER SEAT SWITCH PACK
LB49	13-WAY AMP MK4 (SLATE)	CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL
LB54	20-WAY MULTILOCK 40 (BLUE)	MOUNTED RIGHT OF CENTER CONSOLE CHEEK / PASSENGER SEAT SWITCH PACK
LB57	12-WAY MULTILOCK 40 (BLACK)	BELOW A/C CASE, RIGHT, NEAR A/C ECU / BULKHEAD HARNESS
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB81A	12-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB87	20-WAY MULTILOCK 40 (GREEN)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
PD1	12-WAY MULTILOCK 70 (WHITE)	PASSENGER'S DOOR, BOTTOM OF SWITCH PACK / PASSENGER'S DOOR HARNESS
RRD1	12-WAY MULTILOCK 70 (WHITE)	RR DOOR, BOTTOM OF SWITCH PACK / RR DOOR HARNESS
RRD9	12-WAY MULTILOCK 40 (BLACK)	RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / RR HARNESS
SC1	6-WAY PMHD (BLACK)	STEERING COLUMN SWITCH GEAR, LEFT / FASCIA DIMMER CONTROL
SC7	6-WAY PMHD (GREEN)	STEERING COLUMN SWITCH GEAR, LEFT / LIGHTING SWITCH GEAR
SC8	6-WAY PMHD (PURPLE)	STEERING COLUMN SWITCH GEAR, RIGHT / KEY IN SWITCH

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG13A	WHITE EYELET	ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND
LBG39A	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG39B	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG39C	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG84B	WHITE EYELET	ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND
LSG54B	WHITE EYELET	TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND
RSG62C	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

### COLUMN SWITCH GEAR (DIMMER)

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
SC1-1	OUTPUT	DIMMER OUTPUT	MAXIMUM BRIGHTNESS: 12V	MINIMUM BRIGHTNESS: 3.4V
SC1-2	OUTPUT	SIDE LIGHTS	LIGHTS ON: GROUND	LIGHTS OFF: 12V
SC1-3	INPUT	BATTERY POWER	12V	12V
SC1-5	OUTPUT	DIMMER OVERRIDE	DIMMER LATCHED: 12V	UNLATCHED: OPEN CIRCUIT
SC1-6	OUTPUT	DIMMER	LIGHTS ON: GROUND	LIGHTS OFF: 12V
SC7-1	OUTPUT	INSTRUMENT PACK LIGHTING	LIGHTS ON: 10V	LIGHTS OFF: OPEN CIRCUIT
SC7-2	INPUT	IGNITION SWITCHED GROUND	GROUND	GROUND
SC8-5	INPUT	POWER GROUND	GROUND	GROUND

### CENTER CONSOLE

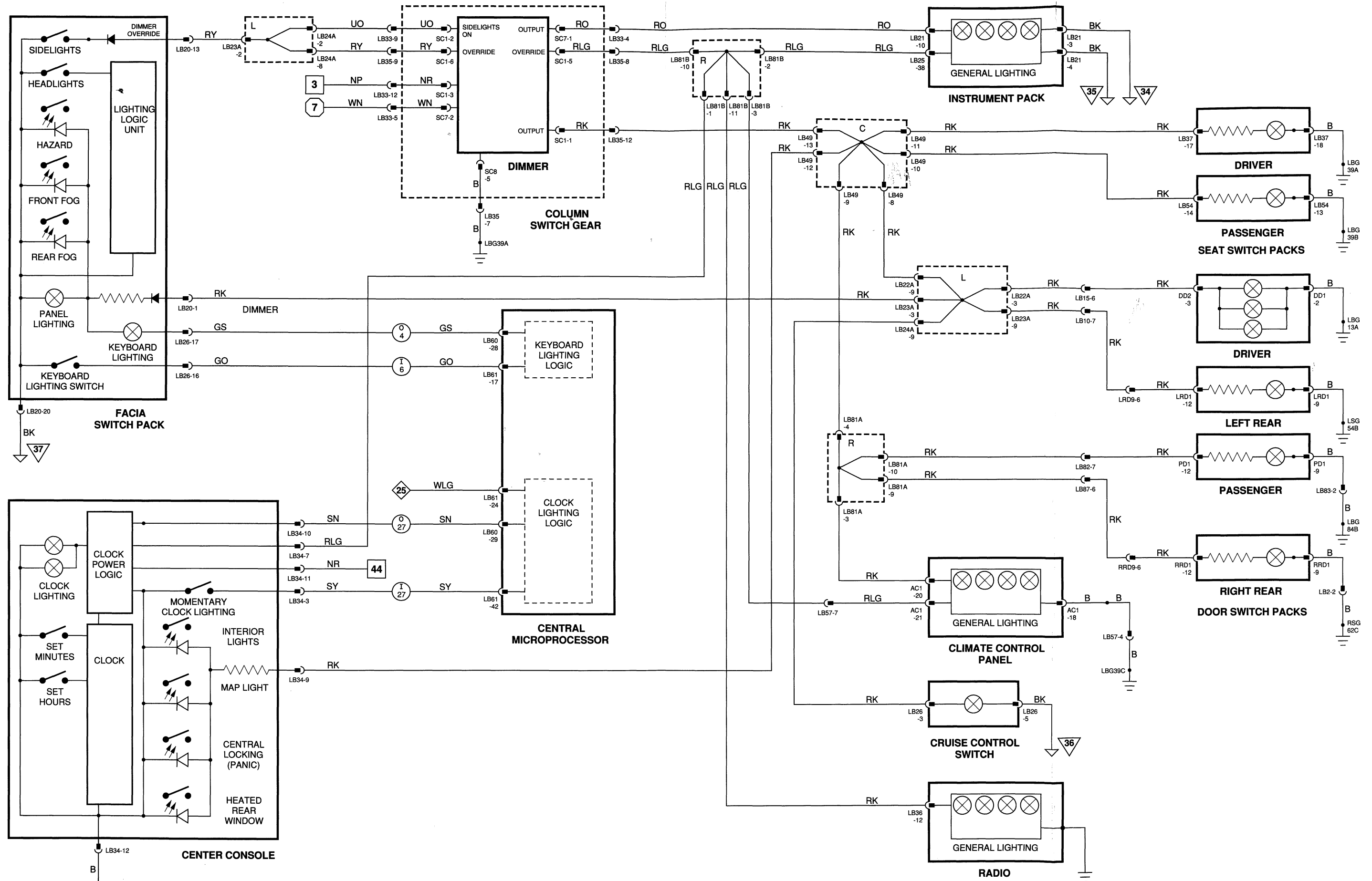
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB34-3	OUTPUT	MOMENTARY CLOCK LIGHTING	BUTTON PRESSED: GROUND	BUTTON RELEASED: OPEN CIRCUIT
LB34-7	INPUT	CLOCK ILLUMINATION / DIMMER	LIGHTS ON / DIMMER LATCHED: 12V	LIGHTS / DIMMER ON: MIN. 3V
LB34-9	INPUT	CENTER CONSOLE LOCATE ILLUMINATION	LIGHTS ON / DIMMER LATCHED: 12V	LIGHTS / DIMMER ON: MIN. 3V
LB34-10	INPUT	CLOCK ILLUMINATION	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB34-11	INPUT	BATTERY POWER	12V	12V
LB34-12	INPUT	POWER GROUND	GROUND	GROUND

### CENTRAL MICROPROCESSOR

CODE	CIRCUIT	ACTIVE	INACTIVE
6 LB61-17	TRIP COMPUTER KEYBOARD ILLUMINATION	SWITCH HELD IN: GROUND	SWITCH RELEASED: OPEN CIRCUIT
LB61-24	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
27 LB61-42	CLOCK ILLUMINATION SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT

### OUTPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
4 LB60-28	TRIP COMPUTER KEYBOARD ILLUMINATION	LIGHTS ON: GROUND	LIGHTS OFF: 12V
27 LB60-29	CLOCK ILLUMINATION POWER	12V	12V



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

NOTES: CIGAR LIGHTERS — FIG 17  
 TRANS. MODE SWITCH, GEAR POSITION INDICATORS — FIG 31

# FIG 12 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
COLUMN SWITCH GEAR (CYCLE SWITCH)	STEERING COLUMN	LEFT DASH UNDER PANEL
COOLANT TEMPERATURE SENSOR	TURN SIGNAL SWITCH STALK END BUTTON	—
FUEL LEVEL SENSOR	THERMOSTAT HOUSING — ENGINE	ENGINE COMPARTMENT
INSTRUMENT PACK	FUEL TANK	BEHIND SPARE TIRE, TRUNK
OIL PRESSURE SENSOR	DRIVER'S SIDE FASCIA	—
TRIP COMPUTER KEYBOARD	ENGINE, LEFT, BELOW INTAKE	ENGINE COMPARTMENT
	RIGHT FASCIA BY STEERING WHEEL	—

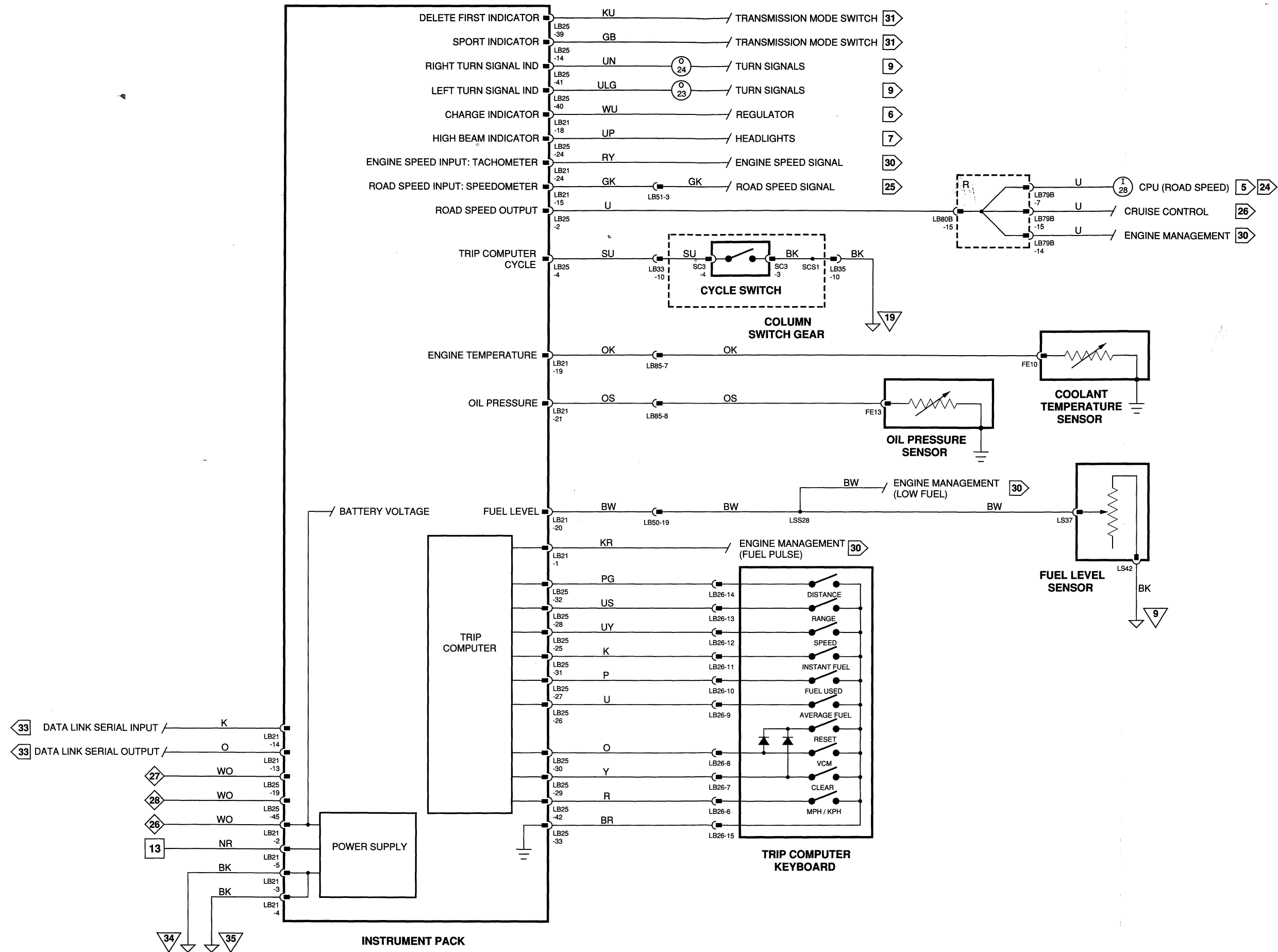
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
FE10	.250 BLADE (WHITE)	MOUNTED ON THERMOSTAT HOUSING NEAR TOP HOSE / COOLANT TRANSMITTER
FE13	.250 BLADE (WHITE)	BELOW INTAKE PORT #2 / OIL PRESSURE TRANSMITTER
LB21	24-WAY AMP PCB SIGNAL (BLACK)	BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK
LB25	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK
LB26	18-WAY MULTILOCK 70 (YELLOW)	REAR OF TRIP COMPUTER BY STEERING COLUMN / TRIP COMPUTER
LB33	12-WAY MULTILOCK 40 (GREEN)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN CYCLE SWITCH
LB35	12-WAY MULTILOCK 40 (BLACK)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR
LB50	20-WAY MULTILOCK 40 (BLACK)	BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS
LB51	12-WAY MULTILOCK 70 (WHITE)	BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB85	20-WAY MULTILOCK 70 (WHITE)	RIGHT DASH UNDER PANEL BY 'A' POST / BULKHEAD HARNESS
LS37	.250 BLADE (WHITE)	FUEL SENDER UNIT BEHIND SPARE TIRE / FUEL LEVEL TRANSMITTER
LS42	.250 BLADE (WHITE)	FUEL SENDER UNIT BEHIND SPARE TIRE / FUEL LEVEL TRANSMITTER GROUND
SC3	6-WAY PMHD (BLUE)	STEERING COLUMN SWITCH GEAR, LEFT / TURN SIGNAL SWITCH

## INPUTS / OUTPUTS

### INSTRUMENT PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB21-1	INPUT	FUEL PULSE CALCULATION	IDLE: 8V	INCREASES WITH ENGINE LOAD & RPM
LB21-2	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB21-3	INPUT	LOGIC GROUND	GROUND	GROUND
LB21-4	INPUT	LOGIC GROUND	GROUND	GROUND
LB21-5	INPUT	BATTERY POWER	12V	12V
LB21-13	OUTPUT	SERIAL COMMUNICATIONS DATA LINK OUTPUT	JDS	—
LB21-14	OUTPUT	SERIAL COMMUNICATIONS DATA LINK OUTPUT	JDS	—
LB21-15	INPUT	ROAD SPEED	10 MPH: 105 mV AC	20 MPH: 210 mV AC
LB21-18	INPUT	VOLTAGE REGULATOR	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB21-19	INPUT	COOLANT TEMPERATURE SENSOR	LIGHTS ON: GROUND	SENSOR DISCONNECTED: 12V
LB21-20	INPUT	FUEL LEVEL TRANSMITTER	TANK FULL: GROUND	TANK EMPTY: 12V
LB21-21	INPUT	ENGINE OIL PRESSURE	LIGHT ON: 7V	LIGHT OFF: 5V
LB21-24	INPUT	ENGINE SPEED (TACHOMETER)	PULSED SIGNAL	VARIABLES WITH RPM
LB25-2	OUTPUT	ROAD SPEED	0 MPH: 5V	10 MPH: 2.7V / PULSE TO GROUND
LB25-4	INPUT	TRIP COMPUTER CYCLE SWITCH	SWITCH RELEASED: 12V	PRESSED: GROUND
LB25-14	INPUT	TRANSMISSION MODE SWITCH	SPORT: GROUND	NORMAL / DELETE: 12V
LB25-19	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB25-24	INPUT	HIGH BEAM INDICATOR	HIGH BEAMS ON: GROUND	OFF: 12V
LB25-25	INPUT	TRIP COMPUTER: AVERAGE SPEED	PRESSED: GROUND	RELEASED: 12V
LB25-26	INPUT	TRIP COMPUTER: AVERAGE FUEL MPG	PRESSED: GROUND	RELEASED: 12V
LB25-27	INPUT	TRIP COMPUTER: FUEL USED	PRESSED: GROUND	RELEASED: 12V
LB25-28	INPUT	TRIP COMPUTER: RANGE	PRESSED: GROUND	RELEASED: 12V
LB25-29	INPUT	TRIP COMPUTER: CLEAR DISPLAY	PRESSED: GROUND	RELEASED: 12V
LB25-30	INPUT	TRIP COMPUTER: RESET	PRESSED: GROUND	RELEASED: 12V
LB25-31	INPUT	TRIP COMPUTER: INSTANT FUEL USE	PRESSED: GROUND	RELEASED: 12V
LB25-32	INPUT	TRIP COMPUTER: DISTANCE TRAVELED	PRESSED: GROUND	RELEASED: 12V
LB25-33	INPUT	TRIP COMPUTER: GROUND	GROUND	GROUND
LB25-39	INPUT	TRANSMISSION MODE SWITCH	FIRST GEAR DELETE: GROUND	SPORT / NORMAL: 12V
LB25-40	INPUT	LEFT TURN SIGNAL	PULSE TO GROUND	12V
LB25-41	INPUT	RIGHT TURN SIGNAL	PULSE TO GROUND	12V
LB25-42	INPUT	TRIP COMPUTER: MPH/KPH	PRESSED: GROUND	RELEASED: 12V
LB25-45	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE



# FIG 13 DATA

## COMPONENTS

### DESCRIPTION

BRAKE PAD — LEFT REAR  
 BRAKE PAD — RIGHT REAR  
 BRAKE SWITCH  
 CENTRAL MICROPROCESSOR  
 DIODE — LBD1  
 ENGINE COOLANT LEVEL SENSOR  
 HAND BRAKE SWITCH  
 INSTRUMENT PACK  
 TRUNK SWITCH  
 WASHER FLUID LEVEL SENSOR

### LOCATION

BRAKE DISC, LR  
 BRAKE DISC, RR  
 ABOVE BRAKE PEDAL  
 BEHIND GLOVE BOX  
 EXPOSED IN BULK. HARNESS BEHIND INST. PACK  
 COOLANT RESERVOIR, LEFT INNER FENDER  
 BENEATH HAND BRAKE  
 DRIVER'S SIDE FASCIA  
 RIGHT FRONT WHEEL ARCH BEHIND PANEL

### ACCESS

LR WHEEL, BENEATH VEHICLE  
 RR WHEEL, BENEATH VEHICLE  
 LEFT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 8" BEHIND INST. PACK CONNECTOR LB25  
 ENGINE COMPARTMENT  
 CARPET/TRIM  
 —  
 WHEEL ARCH PANEL

## CONNECTORS

### CODE DESCRIPTION

FA1 GROTE AND HARTMAN (BLACK)  
 HL1 .250 BLADE (WHITE)  
 LB10 20-WAY MULTILOCK 40 (BLACK)  
 LB11 20-WAY MULTILOCK 40 (BLACK)  
 LB21 24-WAY AMP PCB SIGNAL (BLACK)  
 LB22A 12-WAY MULTILOCK 40 (BLACK)  
 LB23A 12-WAY MULTILOCK 40 (BLUE)  
 LB24A 12-WAY MULTILOCK 40 (GREEN)  
 LB24B 16-WAY MULTILOCK 40 (GREEN)  
 LB25 48-WAY AMP PCB SIGNAL (BLACK)  
 LB29 4-WAY MULTILOCK 70 (WHITE)  
 LB41 2-WAY MULTILOCK 40 (BLACK)  
 LB42 10-WAY MULTILOCK 70 (WHITE)  
 LB48 13-WAY AMP MK4 (BROWN)  
 LB50 20-WAY MULTILOCK 40 (BLACK)  
 LB51 12-WAY MULTILOCK 70 (WHITE)  
 LB52 12-WAY MULTILOCK 70 (BLACK)  
 LB53 12-WAY MULTILOCK 70 (WHITE)  
 LB60 48-WAY AMP PCB SIGNAL (YELLOW)  
 LB61 48-WAY AMP PCB SIGNAL (BLACK)  
 LB79A 12-WAY MULTILOCK 40 (BLACK)  
 LB87 20-WAY MULTILOCK 40 (GREEN)  
 LS15 PM 5 (BLACK)  
 LS67 PM 5 (BROWN)  
 RA2 GROTE AND HARTMAN (BLACK)  
 RS13 4-WAY ECONOSEAL III LC (BLACK)  
 RS47 8-WAY MULTILOCK 70 (WHITE)  
 RS52 GROTE AND HARTMAN (BLACK)  
 DSM8 2-WAY MULTILOCK 70 (BLACK)

### LOCATION / INTERFACE

LEFT FRONT INNER WHEEL ARCH / LEFT FRONT AXLE HARNESS  
 BENEATH HAND BRAKE / HAND BRAKE MICRO SWITCH  
 REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
 REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
 BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK  
 LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
 LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
 LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
 LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
 BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK  
 LOWER STEERING COLUMN, ABOVE BRAKE PEDAL / BRAKE/CRUISE SWITCH  
 BENEATH HAND BRAKE LEVER / HAND BRAKE MICRO SWITCH  
 FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS  
 CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
 BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
 BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
 BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS  
 BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS  
 BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR  
 BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR  
 RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
 REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
 LEFT INNER FENDER BY COOLANT RESERVOIR / COOLANT LEVEL SENSOR  
 LEFT FRONT INNER FENDER / LF BRAKE PAD SENSOR  
 RIGHT REAR AXLE / BENEATH RR OF VEHICLE  
 RF WHEEL ARCH, BEHIND PANEL / WINDSHIELD WASH FLUID LEVEL SENSOR  
 TRUNK, RIGHT, BEHIND BATTERY / REAR HARNESS  
 BEHIND TRUNK LID TRIM PANEL / TRUNK MICRO SWITCH  
 BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT BELT SWITCH

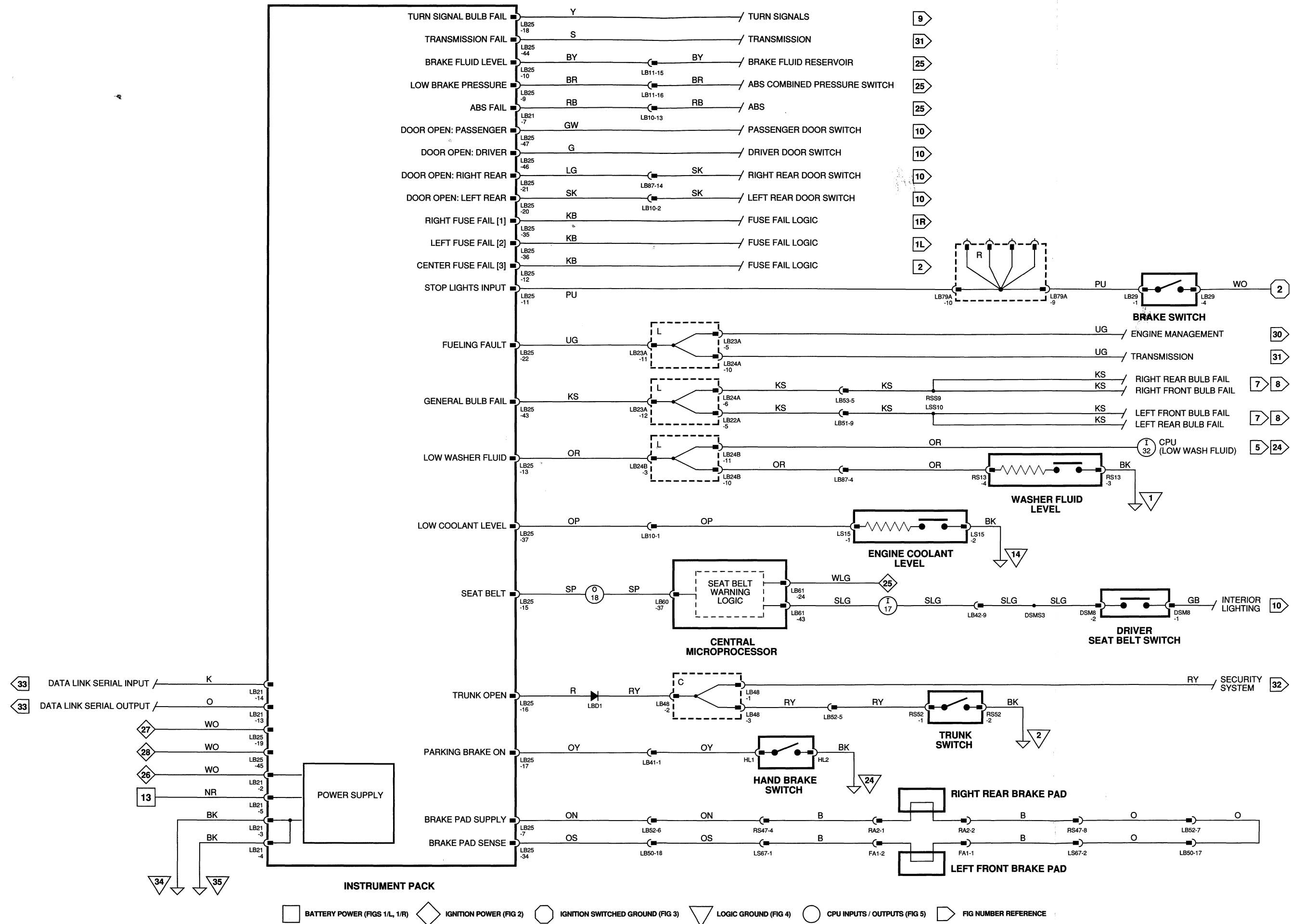
## INPUTS / OUTPUTS

### INSTRUMENT PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB21-2	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB21-3	INPUT	LOGIC GROUND	GROUND	GROUND
LB21-4	INPUT	LOGIC GROUND	GROUND	GROUND
LB21-5	INPUT	BATTERY POWER	12V	12V
LB21-7	INPUT	ABS FAILURE	FAULT PRESENT: GROUND	5V
LB21-13	OUTPUT	SERIAL COMMUNICATIONS DATA LINK OUTPUT	JDS	—
LB21-14	INPUT	SERIAL COMMUNICATIONS DATA LINK INPUT	JDS	—
LB25-7	OUTPUT	BRAKE PAD SUPPLY	12V	12V
LB25-8	INPUT	LOW BRAKE PRESSURE	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-10	INPUT	LOW BRAKE FLUID	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-11	INPUT	STOP LIGHTS	BRAKES APPLIED: GROUND	BRAKES OFF: 12V
LB25-12	INPUT	FUSE FAIL — CENTER FUSE PANEL	FUSE FAIL: 1.5V	FUSES O.K.: 9V
LB25-13	INPUT	LOW WASHER FLUID LEVEL	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-15	INPUT	SEAT BELT	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-16	INPUT	TRUNK OPEN	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-17	INPUT	PARKING BRAKE	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-18	INPUT	TURN SIGNAL BULB FAIL	LIGHT ON: GROUND	LIGHT OFF: 12V
LB25-19	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB25-20	INPUT	LEFT REAR DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB25-21	INPUT	RIGHT REAR DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB25-22	INPUT	OBD FUELING FAULT	FAULT PRESENT: GROUND	NO FAULTS: 12V
LB25-34	INPUT	BRAKE PAD WEAR SENSOR	PAD WORN: GROUND	PAD O.K.: 12V
LB25-35	INPUT	FUSE FAIL — RIGHT FUSE PANEL	FUSE FAIL: 1.5V	FUSES O.K.: 9V
LB25-36	INPUT	FUSE FAIL — LEFT FUSE PANEL	FUSE FAIL: 1.5V	FUSES O.K.: 9V
LB25-37	INPUT	LOW COOLANT LEVEL	SENSOR DISCONNECTED: 12V	SENSOR CONNECTED: GROUND
LB25-43	INPUT	GENERAL BULB FAILURE	BULB FAILURE: GROUND	BULBS O.K.: 12V
LB25-44	INPUT	TRANSMISSION ELECTRICS FAILURE	FAILURE PRESENT: 12V	NO FAILURE: OPEN CIRCUIT
LB25-45	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB25-46	INPUT	DRIVER'S DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB25-47	INPUT	PASSENGER'S DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 12V

### CENTRAL MICROPROCESSOR

INPUTS		ACTIVE	INACTIVE
CODE	CIRCUIT	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
17 LB61-24	IGNITION SWITCHED POWER	SEAT BELT UNLATCHED: GROUND	BELT LATCHED: OPEN CIRCUIT
17 LB61-43	SEAT BELT WARNING		
OUTPUTS		ACTIVE	INACTIVE
CODE	CIRCUIT	5-SEC WARNING LIGHT ON: GROUND	WARNING LIGHT OFF: 12V
18 LB60-37	SEAT BELT WARNING INDICATOR (KEY ON)		



# FIG 14 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
COLUMN SWITCH GEAR (KEY-IN SWITCH) (SPEAKER) (TURN SIGNAL SWITCHES)	STEERING COLUMN IGNITION SWITCH STEERING COLUMN ABOVE IGNITION SWITCH STEERING COLUMN, LEFT	LEFT DASH UNDER PANEL STEERING COLUMN LOWER COWL STEERING COLUMN LOWER
DOOR SWITCH — DRIVER	DRIVER'S DOOR LATCH	— DRIVER'S DOOR CASING
FASCIA SWITCH PACK	FASCIA	—
SEAT BELT SWITCH — DRIVER	DRIVER'S SEAT BELT ANCHOR	LEFT SIDE

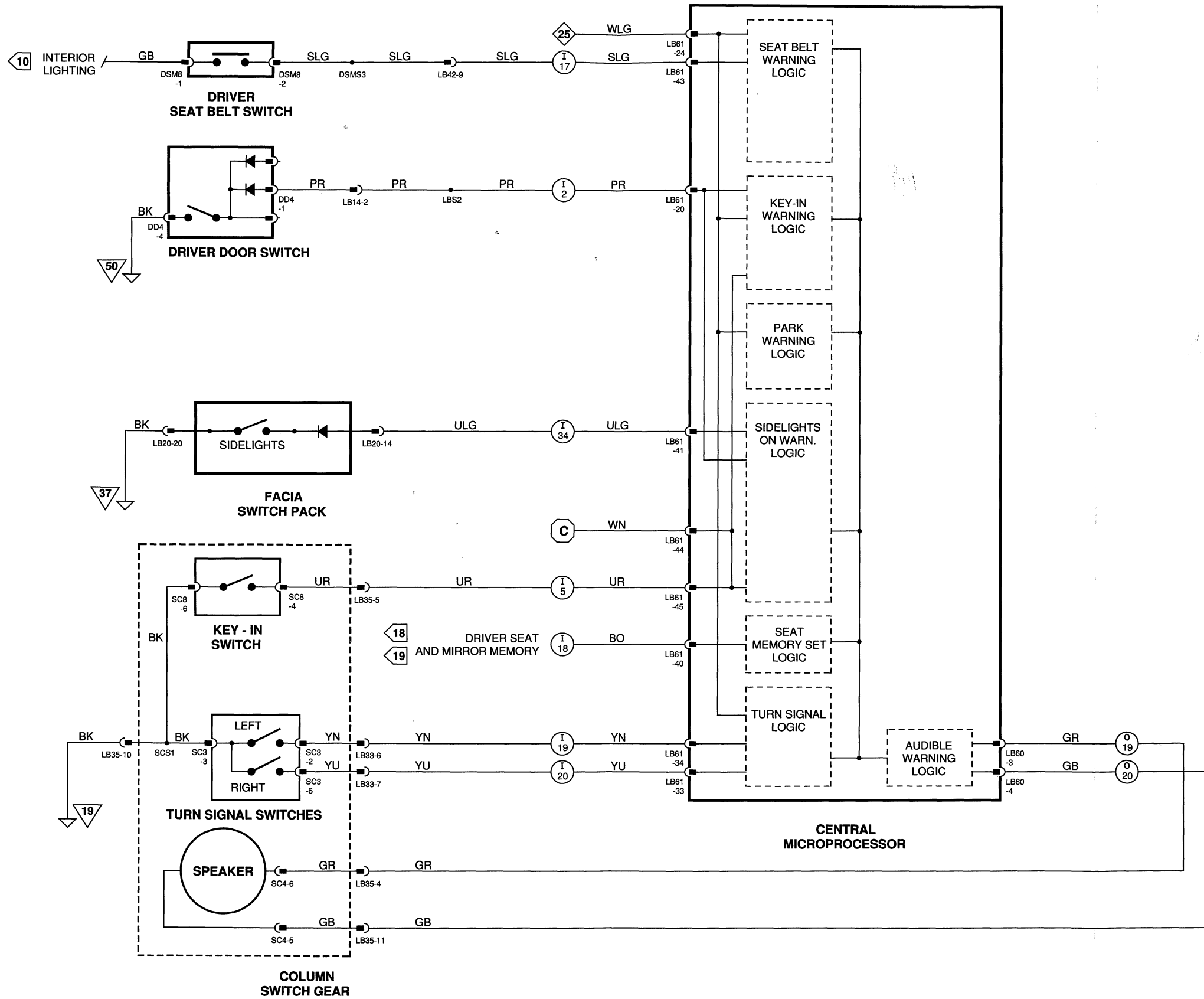
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD4	4-WAY ECONOSEAL III LC (BLACK)	DRIVER'S DOOR, BOTTOM REAR / DRIVER'S DOOR SWITCH
LB14	20-WAY MULTILOCK 40 (GREEN)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB20	20-WAY MULTILOCK 40 (BLUE)	LEFT DASH UNDER PANEL, BELOW FASCIA / FASCIA SWITCH PACK
LB33	12-WAY MULTILOCK 40 (GREEN)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN CYCLE SWITCH
LB35	12-WAY MULTILOCK 40 (BLACK)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR
LB42	10-WAY MULTILOCK 70 (WHITE)	FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
SC3	6-WAY PMHD (BLUE)	STEERING COLUMN SWITCH GEAR, LEFT / TURN SIGNAL SWITCH
SC4	6-WAY PMHD (BROWN)	STEERING COLUMN SWITCH GEAR; RIGHT / AUDIBLE WARNING SPEAKER
SC8	6-WAY PMHD (PURPLE)	STEERING COLUMN SWITCH GEAR; RIGHT / KEY IN SWITCH
DSM8	2-WAY MULTILOCK 70 (BLACK)	BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT BELT SWITCH

## INPUTS / OUTPUTS

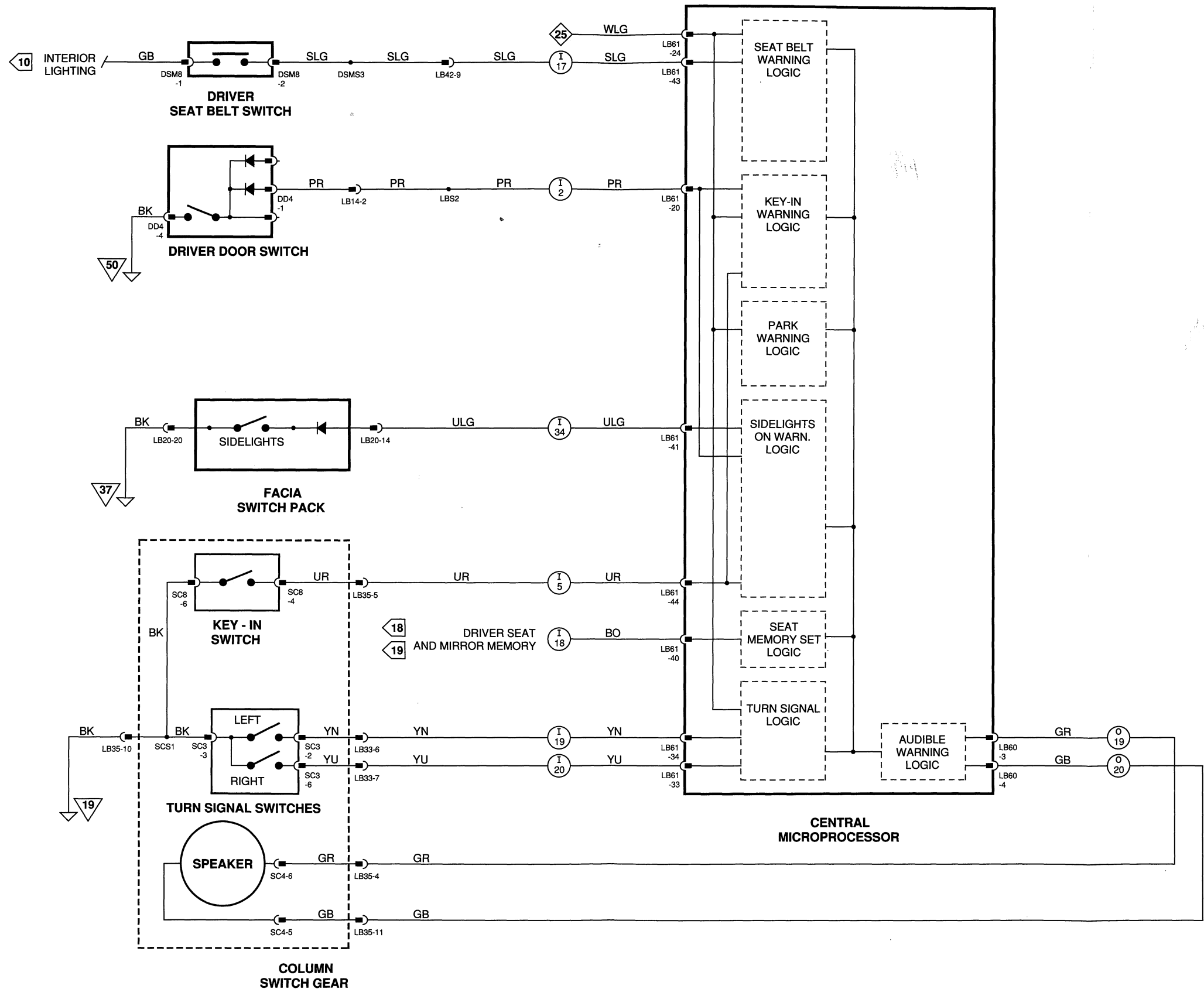
### CENTRAL MICROPROCESSOR

INPUTS		ACTIVE	INACTIVE
2	LB61-20	DRIVER'S DOOR SWITCH	DOOR CLOSED: 5V
5	LB61-44	IGNITION KEY IN SWITCH	KEY OUT: OPEN CIRCUIT
	LB61-24	IGNITION SWITCHED POWER	KEY OFF: OPEN CIRCUIT
17	LB61-43	SEAT BELT WARNING	BELT LATCHED: OPEN CIRCUIT
18	LB61-40	SEAT MEMORY AUDIBLE TONE	BUTTONS RELEASED: OPEN CIRCUIT
19	LB61-34	LEFT TURN SIGNAL SWITCH	TURN STALK CENTERED: OPEN CIRCUIT
20	LB61-33	RIGHT TURN SIGNAL SWITCH	TURN STALK CENTERED: OPEN CIRCUIT
OUTPUTS		ACTIVE	INACTIVE
19	LB60-3	AUDIBLE WARNINGS (KEY ON)	TURN SIGNALS ON: EXAMPLE .012 – .021V
20	LB60-4	AUDIBLE WARNINGS (KEY ON)	TURN SIGNALS ON: EXAMPLE .012 – .021V



  BATTERY POWER (FIGS 1/L, 1/R)  
   IGNITION POWER (FIG 2)  
   IGNITION SWITCHED GROUND (FIG 3)  
  LOGIC GROUND (FIG 4)  
   CPU INPUTS / OUTPUTS (FIG 5)  
   FIG NUMBER REFERENCE

NOTE:   VIN 673810 ON



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 15 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTER CONSOLE	BETWEEN DRIVER / PASSENGER SEAT	—
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
DOOR LOCK SWITCH — DRIVER	DRIVER'S DOOR	DRIVER'S DOOR CASING
DOOR LOCK SWITCH — PASSENGER	PASSENGER'S DOOR	PASSENGER'S DOOR CASING
KEY BARREL SWITCH — DRIVER	DRIVER' DOOR, LOWER REAR	DRIVER'S DOOR CASING
KEY BARREL SWITCH — PASSENGER	PASSENGER'S DOOR, LOWER REAR	PASSENGER'S DOOR CASING
LOCK ACTUATOR — DRIVER DOOR	DRIVER'S DOOR, ABOVE PUDDLE LIGHT	DRIVER'S DOOR CASING
LOCK ACTUATOR — FUEL FILLER FLAP	FUEL FILLER FLAP	LEFT REAR TRUNK TRIM
LOCK ACTUATOR — LEFT REAR DOOR	LR DOOR, ABOVE PUDDLE LIGHT	LEFT REAR DOOR CASING
LOCK ACTUATOR — PASSENGER DOOR	PASSENGER'S DOOR, ABOVE PUDDLE LIGHT	PASSENGER'S DOOR CASING
LOCK ACTUATOR — RIGHT REAR DOOR	RR DOOR, ABOVE PUDDLE LIGHT	RIGHT REAR DOOR CASING
LOCK ACTUATOR — TRUNK	TRUNK LID	TRUNK LID TRIM
RELAY MODULE G (G1 — UNLOCK RELAY) (G2 — LOCK RELAY)	RIGHT DASH UNDER PANEL	RIGHT DASH UNDER PANEL
RELAY MODULE L (L2 — TRUNK RELEASE RELAY)	RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM
TRUNK RELEASE ACTUATOR	TRUNK LID	TRUNK LID TRIM
TRUNK RELEASE ISOLATION SWITCH	TRUNK LID	TRUNK LID TRIM
TRUNK RELEASE SWITCH	GLOVE BOX	—

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD3	6-WAY ECONOSEAL III LC (BLACK)	DRIVER'S DOOR, ABOVE PUDDLE LIGHT / DRIVER'S DOOR LOCK MOTOR
DD9	2-WAY ECONOSEAL III LC (BLACK)	DRIVER'S DOOR, BOTTOM REAR / KEY BARREL SWITCH
LB10	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB11	20-WAY MULTILOCK 40 (BLUE)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB12	20-WAY MULTILOCK 40 (BLACK)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB34	12-WAY MULTILOCK 40 (GREEN)	BEHIND CENTER CONSOLE CLOCK / CENTER CONSOLE SWITCH PANEL
LB40	2-WAY MULTILOCK 40 (GREEN)	BEHIND GLOVE BOX / TRUNK RELEASE SWITCH
LB53	12-WAY MULTILOCK 70 (WHITE)	BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB70	20-WAY AMP PCB POWER (BLUE)	RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE G
LB79A	12-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80A	12-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81A	12-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB88	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LRD3	2-WAY ECONOSEAL III LC (BLACK)	LR DOOR, ABOVE PUDDLE LIGHT CASING / LR DOOR LOCK MOTOR
LRD9	12-WAY MULTILOCK 40 (BLACK)	LEFT 'B/C' POST BOX SECTION BY SEAT BELT / LR HARNESS
LS41	PM 5 (BLACK)	BELOW FUEL FILLER FLAP IN TRUNK / FUEL FILLER FLAP SOLENOID
PD3	6-WAY ECONOSEAL III LC (BLACK)	PASSENGER'S DOOR, ABOVE PUDDLE LIGHT / PASSENGER'S DOOR LOCK MOTOR
PD9	2-WAY ECONOSEAL III LC (BLACK)	PASSENGER'S DOOR, BOTTOM REAR / KEY BARREL SWITCH
RRD3	2-WAY ECONOSEAL III LC (BLACK)	RR DOOR, ABOVE PUDDLE LIGHT CASING / RR DOOR LOCK MOTOR
RRD9	12-WAY MULTILOCK 40 (BLACK)	RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / RR HARNESS
RS42	20-WAY AMP PCB POWER (BLACK)	BEHIND AND LEFT OF ANTENNA MOTOR / RELAY MODULE L
RS53	4-WAY MULTILOCK 40 (BLACK)	BEHIND TRUNK LID TRIM PANEL / TRUNK MOTOR/ISOLATION SWITCH
RS75	2-WAY LABINAL (BROWN)	BEHIND TRUNK LID TRIM PANEL / TRUNK RELEASE ACTUATOR

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG84A	WHITE EYELET	ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND
LSG54B	WHITE EYELET	TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND
RSG62B	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

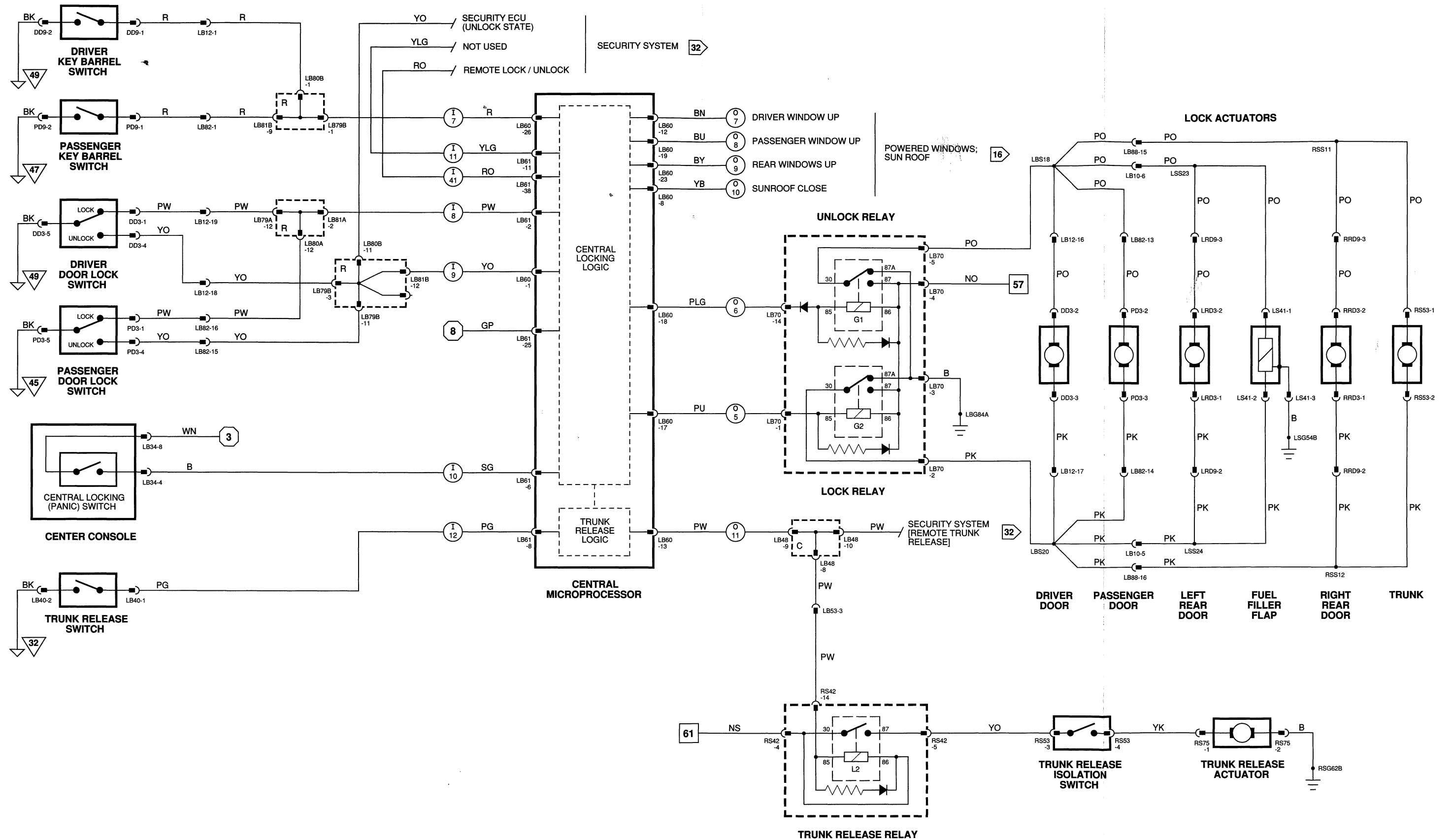
### CENTRAL MICROPROCESSOR

#### INPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
7 LB60-26	DOOR KEY BARREL SWITCHES	KEY TO LOCK POSITION: GROUND	KEY OUT: OPEN CIRCUIT
8 LB61-2	DOOR LOCK STATE	DOORS LOCKED: GROUND	DOORS UNLOCKED: OPEN CIRCUIT
9 LB60-1	DOOR UNLOCK STATE	DOORS UNLOCKED: GROUND	DOORS LOCKED: OPEN CIRCUIT
LB61-25	INERTIA SWITCH (KEY ON)	SWITCH UP: GROUND	SWITCH DOWN: OPEN CIRCUIT
10 LB61-6	PANIC (ALL LOCK/CLOSED SWITCH)(KEY ON)	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
11 LB61-11	NOT USED		
12 LB61-8	TRUNK RELEASE SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
41 LB61-38	REMOTE LOCK / UNLOCK	TO UNLOCK: PULSE TO GROUND	5V

#### OUTPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
5 LB60-17	DOOR LOCK OUTPUT	TO LOCK: PULSE TO GROUND	12V
6 LB60-18	DOOR UNLOCK OUTPUT	TO UNLOCK: PULSE TO GROUND	12V
7 LB60-12	DRIVER'S WINDOW UP (KEY ON)	CLOSE: GROUND	12V
8 LB60-19	PASSENGER'S WINDOW UP (KEY ON)	CLOSE: GROUND	12V
9 LB60-23	REAR WINDOWS UP (KEY ON)	CLOSE: GROUND	12V
10 LB60-8	SUN ROOF CLOSE (KEY ON)	CLOSE: GROUND	12V
11 LB60-13	TRUNK RELEASE	SWITCH PRESSED: GROUND	SWITCH RELEASED: 12V



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 16 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTER CONSOLE	BETWEEN DRIVER / PASSENGER SEAT	—
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
DOOR SWITCH PACK — DRIVER	DRIVER'S DOOR	DRIVER'S DOOR LOWER CASING
DOOR SWITCH PACK — LEFT REAR	LEFT REAR DOOR	LEFT REAR DOOR LOWER CASING
DOOR SWITCH PACK — PASSENGER	PASSENGER'S DOOR	PASSENGER'S DOOR LOWER CASING
DOOR SWITCH PACK — RIGHT REAR	RIGHT REAR DOOR	RIGHT REAR DOOR LOWER CASING
KEY BARREL SWITCH — DRIVER	DRIVER' DOOR, LOWER REAR	DRIVER'S DOOR CASING
KEY BARREL SWITCH — PASSENGER	PASSENGER'S DOOR, LOWER REAR	PASSENGER'S DOOR CASING
SWITCH PACK — SUNROOF	SUNROOF	HEADLINER

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD1	8-WAY MULTILOCK 70 (WHITE)	DRIVER'S DOOR, BOTTOM OF SWITCH PACK / DRIVER'S DOOR HARNESS
DD2	20-WAY MULTILOCK 40 (BLACK)	DRIVER'S DOOR SWITCH PACK, NEAR FRONT OF DOOR / DRIVER'S DOOR SWITCH PACK
DD5	PM 5 (BLACK)	DRIVER'S DOOR, TOP / DRIVER'S WINDOW MOTOR
DD9	2-WAY ECONOSEAL III LC (BLACK)	DRIVER'S DOOR, BOTTOM REAR / KEY BARREL SWITCH
LB2	4-WAY MULTILOCK 70 (WHITE)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB10	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB12	20-WAY MULTILOCK 40 (BLACK)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB14	20-WAY MULTILOCK 40 (GREEN)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB18	4-WAY MULTILOCK 70 (YELLOW)	ABOVE MAP LIGHT IN HEADLINER / SUN ROOF SWITCH PACK
LB22B	16-WAY MULTILOCK 40 (BLACK)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB24B	16-WAY MULTILOCK 40 (GREEN)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB34	12-WAY MULTILOCK 40 (GREEN)	BEHIND CENTER CONSOLE CLOCK / CENTER CONSOLE SWITCH PANEL
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB83	6-WAY MULTILOCK 70 (WHITE)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB87	20-WAY MULTILOCK 40 (GREEN)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LRD1	12-WAY MULTILOCK 70 (WHITE)	LR DOOR, BOTTOM OF SWITCH PACK / LR DOOR HARNESS
LRD5	PM 5 (BLACK)	LR DOOR, FRONT OF DOOR / LR WINDOW MOTOR
PD1	12-WAY MULTILOCK 70 (WHITE)	PASSENGER'S DOOR, BOTTOM OF SWITCH PACK / PASSENGER'S DOOR HARNESS
PD6	PM 5 (BLACK)	PASSENGER'S DOOR, TOP / PASSENGER'S WINDOW MOTOR
PD9	2-WAY ECONOSEAL III LC (BLACK)	PASSENGER'S DOOR, BOTTOM REAR / KEY BARREL SWITCH
RRD1	12-WAY MULTILOCK 70 (WHITE)	RR DOOR, BOTTOM OF SWITCH PACK / RR DOOR HARNESS
RRD5	PM 5 (BLACK)	RR DOOR, FRONT OF DOOR / RR WINDOW MOTOR
RRD9	12-WAY MULTILOCK 40 (BLACK)	RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / RR HARNESS
RRD10	2-WAY MULTILOCK 70 (WHITE)	RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / RR HARNESS
SR1	4-WAY MULTILOCK 70 (WHITE)	ABOVE MAP LIGHT IN ROOF PANEL / SUN ROOF HARNESS
SR2	2-WAY MULTILOCK 70 (WHITE)	ABOVE MAP LIGHT IN ROOF PANEL / SUN ROOF HARNESS

## GROUND

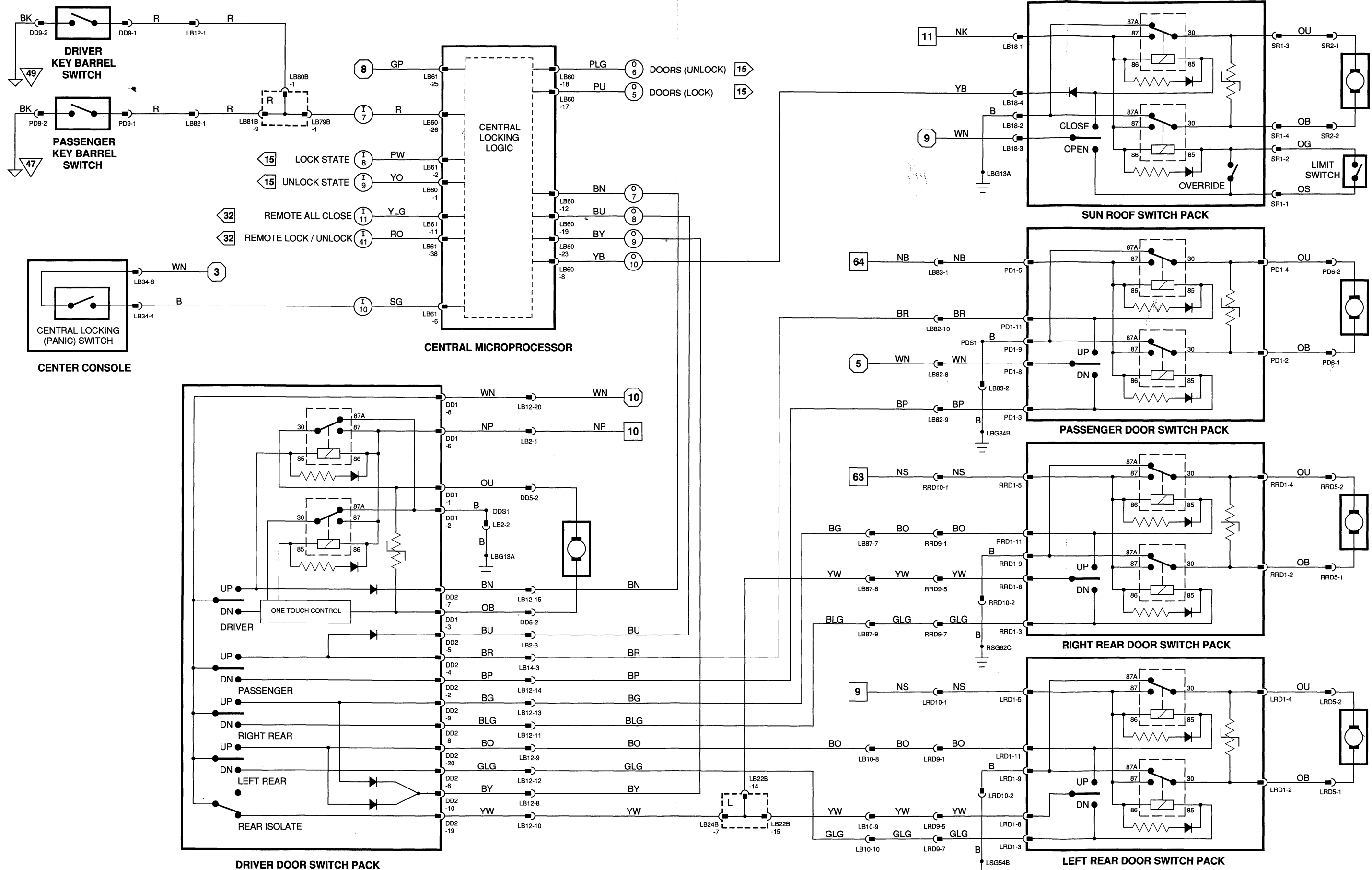
CODE	DESCRIPTION	LOCATION / INTERFACE
LBG13A	WHITE EYELET	ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND
LBG84B	WHITE EYELET	ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND
LSG54B	WHITE EYELET	TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND
RS62C	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

INPUTS		ACTIVE	INACTIVE
7	LB60-26	DOOR KEY BARREL SWITCHES	KEY OUT: OPEN CIRCUIT
8	LB61-2	DOOR LOCK STATE	DOORS LOCKED: OPEN CIRCUIT
9	LB60-1	DOOR UNLOCK STATE	DOORS UNLOCKED: OPEN CIRCUIT
	LB61-25	INERTIA SWITCH (KEY ON)	DOORS LOCKED: OPEN CIRCUIT
10	LB61-6	PANIC (ALL LOCK/CLOSED SWITCH)(KEY ON)	SWITCH UP: OPEN CIRCUIT
11	LB61-11	NOT USED	SWITCH DOWN: OPEN CIRCUIT
41	LB61-38	REMOTE LOCK / UNLOCK	SWITCH RELEASED: OPEN CIRCUIT
		TO UNLOCK: PULSE TO GROUND	5V
OUTPUTS		ACTIVE	INACTIVE
5	LB60-17	DOOR LOCK OUTPUT	TO LOCK: PULSE TO GROUND
6	LB60-18	DOOR UNLOCK OUTPUT	TO UNLOCK: PULSE TO GROUND
7	LB60-12	DRIVER'S WINDOW UP (KEY ON)	CLOSE: GROUND
8	LB60-19	PASSENGER'S WINDOW UP (KEY ON)	CLOSE: GROUND
9	LB60-23	REAR WINDOWS UP (KEY ON)	CLOSE: GROUND
10	LB60-8	SUN ROOF CLOSE (KEY ON)	CLOSE: GROUND





BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 17 DATA

## COMPONENTS

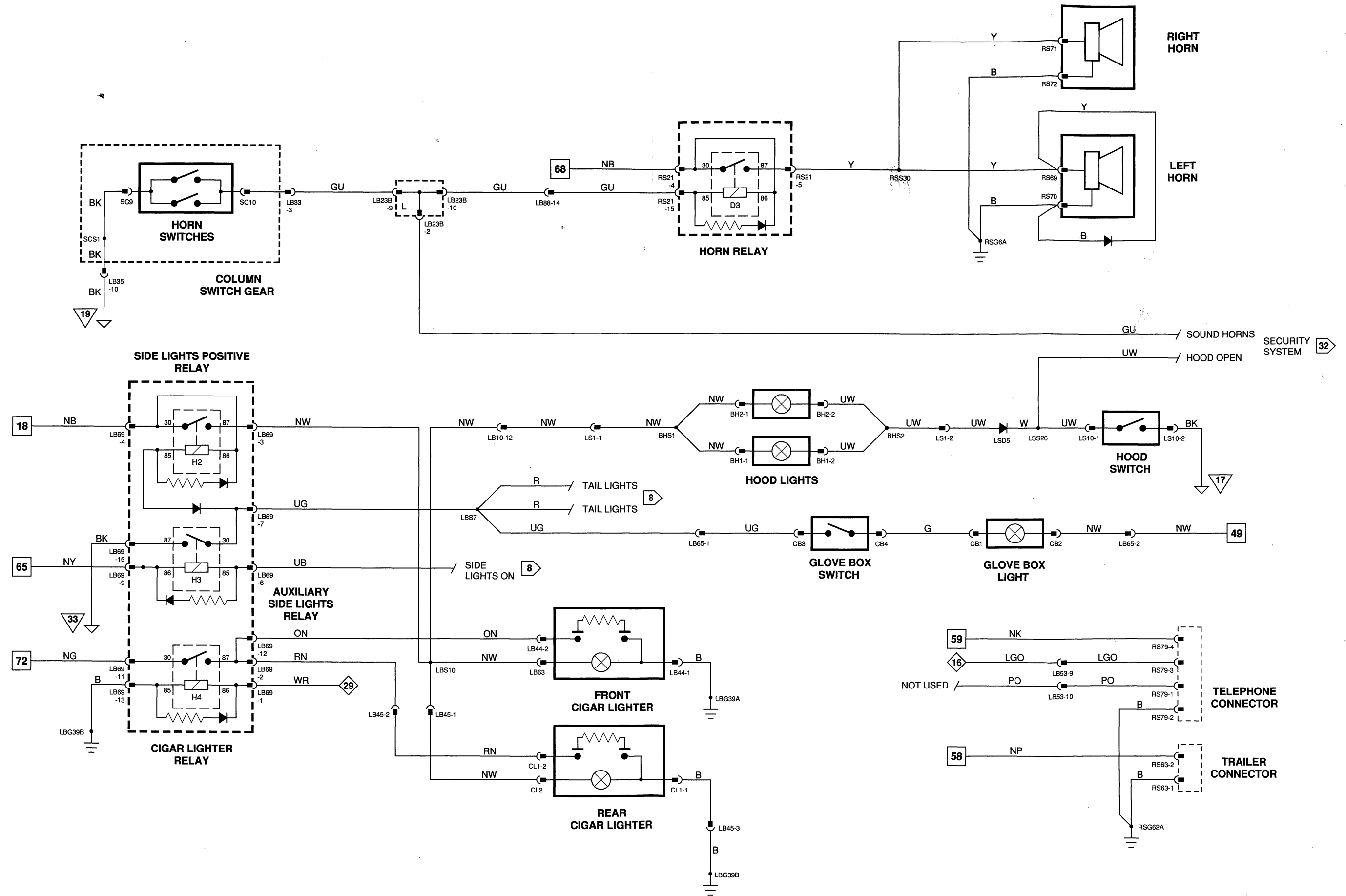
DESCRIPTION	LOCATION	ACCESS
CIGAR LIGHTER — FRONT	FRONT OF CENTER CONSOLE IN ASHTRAY	—
CIGAR LIGHTER — REAR	REAR OF CENTER CONSOLE IN ASHTRAY	—
COLUMN SWITCH GEAR (HORN SWITCHES)	STEERING COLUMN	LEFT DASH UNDER PANEL
DIODE — LSD5	STEERING WHEEL	—
GLOVE BOX LIGHT	EXPOSED IN LEFT SIDE FRONT HARNESS	BEHIND LEFT HEADLIGHT
GLOVE BOX SWITCH	GLOVE BOX	—
HOOD LIGHTS	GLOVE BOX	—
HOOD SWITCH	UNDER HOOD PANEL	ENGINE COMPARTMENT
HORN — LEFT	ABOVE LEFT HEADLIGHT	ENGINE COMPARTMENT
HORN — RIGHT	LEFT BUMPER	—
RELAY MODULE D (D3 — HORN RELAY)	RIGHT BUMPER	—
RELAY MODULE H	BEHIND RIGHT HEADLIGHT	ENGINE COMPARTMENT
(H2 — SIDE LIGHTS POSITIVE RELAY)	—	—
(H3 — AUXILIARY SIDE LIGHTS RELAY)	RIGHT DASH UNDER PANEL	RIGHT DASH UNDER PANEL
(H4 — CIGAR LIGHTER RELAY)	—	—
TELEPHONE CONNECTOR	BELOW TRUNK SWITCH, RIGHT REAR HINGE	RIGHT TRUNK TRIM
TRAILER CONNECTOR	ADJACENT TO RIGHT REAR BULB FAIL MODULE	RIGHT TRUNK TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BH1	2-WAY SUMITOMO 'A' (WHITE)	FIXED TO RIGHT INSIDE OF HOOD / UNDER HOOD LIGHTS
BH2	2-WAY SUMITOMO 'A' (WHITE)	FIXED TO LEFT INSIDE OF HOOD / UNDER HOOD LIGHTS
CB1	.250 BLADE (BLACK)	CONNECTED TO GLOVE BOX LIGHT / GLOVE BOX LIGHT
CB2	.250 BLADE (BLACK)	CONNECTED TO GLOVE BOX LIGHT / GLOVE BOX LIGHT
CB3	.250 BLADE (BLACK)	CONNECTED TO GLOVE BOX LIGHT SWITCH / GLOVE BOX LIGHT SWITCH
CB4	.250 BLADE (BLACK)	CONNECTED TO GLOVE BOX LIGHT SWITCH / GLOVE BOX LIGHT SWITCH
CL1	.250 BLADE (BLACK)	CENTER CONSOLE, REAR, BEHIND END PANEL / REAR CIGAR LIGHTER
CL2	.250 BLADE (BLACK)	CENTER CONSOLE, REAR, BEHIND END PANEL / REAR CIGAR LIGHTER
LB10	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB23B	16-WAY MULTILOCK 40 (BLUE)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB33	12-WAY MULTILOCK 40 (GREEN)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN CYCLE SWITCH
LB35	12-WAY MULTILOCK 40 (BLACK)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR
LB44	.250 BLADE (BLACK)	BENEATH FRONT CIGAR LIGHTER / FRONT CIGAR LIGHTER
LB45	6-WAY MULTILOCK 70 (WHITE)	CENTER CONSOLE, BELOW ASHTRAY / SECURITY SYSTEM VALET SWITCH
LB53	12-WAY MULTILOCK 70 (WHITE)	BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS
LB54	20-WAY MULTILOCK 40 (BLUE)	MOUNTED RIGHT OF CENTER CONSOLE CHEEK / PASSENGER SEAT SWITCH PACK
LB63	.250 BLADE (BLACK)	BENEATH FRONT CIGAR LIGHTER / CIGAR LIGHTER LOCATE ILLUMINATION
LB65	2-WAY MULTILOCK 40 (BLACK)	BEHIND INSPECTION PANEL IN GLOVE BOX / BULKHEAD HARNESS
LB69	20-WAY AMP PCB POWER (YELLOW)	RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE H
LB88	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LS1	SUMITOMO 'A' (WHITE)	ABOVE LEFT HEADLIGHT INSIDE HOOD / LEFT HOOD HARNESS
LS10	PM 5 (BLACK)	ADJACENT TO LF BULB FAIL MODULE / HOOD OPEN SWITCH
RS21	20-WAY AMP PCB POWER (RED)	BEHIND RIGHT HEADLIGHT / RELAY MODULE D
RS63	2-WAY ECONOSEAL III HC (BLACK)	BY RR BULB FAIL MODULE / TRAILER CONNECTION
RS69	.250 BLADE (BLACK)	LF BUMPER / LEFT HORN
RS70	.250 BLADE (BLACK)	LF BUMPER / LEFT HORN
RS71	.250 BLADE (BLACK)	RF BUMPER / RIGHT HORN
RS72	.250 BLADE (BLACK)	RF BUMPER / RIGHT HORN
RS79	4-WAY MULTILOCK 70 (WHITE)	BELOW TRUNK SWITCH AT RR HINGE / TELEPHONE CONNECTION
SC9	.187 BLADE (WHITE)	STEERING COLUMN SWITCH GEAR, RIGHT / HORN BUTTON
SC10	.187 BLADE (WHITE)	STEERING COLUMN SWITCH GEAR, RIGHT / HORN BUTTON

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG39A	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG39B	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
RSG6A	WHITE EYELET	ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND
RSG62A	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND



# FIG 18 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH PACK — DRIVER	DRIVER'S DOOR	DRIVER'S DOOR LOWER CASING
DOOR SWITCH — DRIVER	DRIVER'S DOOR LATCH	DRIVER'S DOOR CASING
LUMBAR SWITCH — DRIVER	CENTER CONSOLE, LEFT SIDE	—
SEAT AND MIRRORS ECU — DRIVER	FLOOR, FRONT OF DRIVER'S SEAT	FLOOR TRIM PANEL
SEAT LUMBAR PUMP — DRIVER	DRIVER'S SEAT BACK	—
SEAT SWITCH PACK — DRIVER	CENTER CONSOLE, LEFT SIDE	CENTER CONSOLE
SEAT MOTORS — DRIVER	DRIVER'S SEAT	BENEATH SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD2	20-WAY MULTILOCK 40 (BLACK)	DRIVER'S DOOR SWITCH PACK, NEAR FRONT OF DOOR / DRIVER'S DOOR SWITCH PACK
DD4	4-WAY ECONOSEAL III LC (BLACK)	DRIVER'S DOOR, BOTTOM REAR / DRIVER'S DOOR SWITCH
DIL1	6-WAY MULTILOCK 70 (WHITE)	REAR OF DRIVER'S SEAT BACK / SEAT RECLINE MOTOR AND POTENTIOMETER
DIL2	6-WAY MULTILOCK 70 (YELLOW)	REAR OF DRIVER'S SEAT BACK / HEADREST MOTOR AND POTENTIOMETER
DIL4	3-WAY MULTILOCK 70 (YELLOW)	REAR OF DRIVER'S SEAT BACK / LUMBAR PUMP
DSM1	20-WAY AMP PCB POWER (BLACK)	DRIVER'S SEAT BY SEAT/MIRROR ECU ON FLOOR / DRIVER'S SEAT AND MIRRORS ECU
DSM2	6-WAY MULTILOCK 70 (WHITE)	BENEATH DRIVER'S SEAT CUSHION / SEAT FORE/AFT MOTOR AND POTENTIOMETER
DSM3	6-WAY MULTILOCK 70 (YELLOW)	BENEATH DRIVER'S SEAT CUSHION / SEAT REAR RAISE/LOWER MOTOR AND POTENTIOMETER
DSM4	6-WAY MULTILOCK 70 (SLATE)	BENEATH DRIVER'S SEAT CUSHION / SEAT FRONT RAISE/LOWER MOTOR AND POTENTIOMETER
DSM5	18-WAY MULTILOCK 70 (WHITE)	BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT HARNESS
DSM7	3-WAY MULTILOCK 70 (SLATE)	BENEATH DRIVER'S SEAT CUSHION / DRIVER'S LUMBAR SWITCH
LB1	48-WAY AMP PCB SIGNAL (BLACK)	FLOOR PANEL IN FRONT OF DRIVER'S SEAT / DRIVERS SEAT AND MIRRORS ECU
LB3	12-WAY AMP PCB POWER (BLACK)	FLOOR PANEL IN FRONT OF DRIVER'S SEAT / DRIVERS SEAT AND MIRRORS ECU
LB14	20-WAY MULTILOCK 40 (GREEN)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB37	20-WAY MULTILOCK 40 (GREEN)	MOUNTED LEFT OF CENTER CONSOLE CHEEK / DRIVER SEAT SWITCH PACK
LB42	10-WAY MULTILOCK 70 (WHITE)	FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG13A	WHITE EYELET	ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND
LBG39A	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND

## INPUTS / OUTPUTS

### DRIVER'S SEAT AND MIRRORS ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB1-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB1-2	INPUT	REVERSE GEAR MIRROR DIP	REVERSE SELECTED: GROUND	12V
LB1-3	INPUT	MEMORY SET	MEMORY PRESSED: 12V	OPEN CIRCUIT
LB1-4	INPUT	HEADREST — RAISE	12V	OPEN CIRCUIT
LB1-5	INPUT	DRIVER'S DOOR ENTRY SWITCH	GROUND	12V
LB1-6	INPUT	HEADREST — LOWER	12V	OPEN CIRCUIT
LB1-7	INPUT	SEAT REAR — LOWER	12V	OPEN CIRCUIT
LB1-8	INPUT	SEAT FRONT — LOWER	12V	OPEN CIRCUIT
LB1-9	INPUT	SEAT RECLINE — RAISE	12V	OPEN CIRCUIT
LB1-10	INPUT	MEMORY POSITION #1	#1 PRESSED: 12V	OPEN CIRCUIT
LB1-12	INPUT	SEAT REARWARD	12V	OPEN CIRCUIT
LB1-13	INPUT	SEAT FORWARD	12V	OPEN CIRCUIT
LB1-16	INPUT	CPU (MEMORY SET)	PULSED TO GROUND	OPEN CIRCUIT
LB1-25	INPUT	SEAT REAR — RAISE	12V	OPEN CIRCUIT
LB1-26	INPUT	SEAT FRONT — RAISE	12V	OPEN CIRCUIT
LB1-28	INPUT	DRIVER'S DOOR SWITCH OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB1-31	INPUT	MEMORY POSITION #2	#2 PRESSED: 12V	OPEN CIRCUIT
LB1-37	INPUT	SEAT RECLINE — LOWER	12V	OPEN CIRCUIT
LB3-1	INPUT	LOGIC GROUND	GROUND	GROUND
LB3-2	INPUT	BATTERY POWER	12V	12V
LB3-3	INPUT	BATTERY POWER	12V	12V
LB3-4	OUTPUT	SERIAL COMMUNICATIONS DATA LINK	JDS	—
LB3-5	INPUT	LOGIC GROUND	GROUND	GROUND
LB3-7	INPUT	POWER GROUND	GROUND	GROUND
LB3-8	INPUT	BATTERY POWER	12V	12V
LB3-9	INPUT	SERIAL COMMUNICATIONS DATA LINK	JDS	—
LB3-10	INPUT	BATTERY POWER	12V	12V
DSM1-1	OUTPUT	DRIVER'S SEAT MOTOR — FRONT	12V	GROUND
DSM1-2	OUTPUT	SEAT MOTOR — FORE/AFT	12V	GROUND
DSM1-3	OUTPUT	HEADREST — RAISE	12V	GROUND
DSM1-4	OUTPUT	SEAT FRONT MOTOR — LOWER	12V	GROUND
DSM1-5	OUTPUT	SEAT MOTOR — REARWARD	12V	GROUND
DSM1-6	OUTPUT	HEADREST — LOWER	12V	GROUND
DSM1-7	OUTPUT	SEAT REAR MOTOR — RAISE	12V	GROUND
DSM1-8	OUTPUT	RECLINE MOTOR — LOWER	12V	GROUND
DSM1-9	OUTPUT	RECLINE MOTOR — RAISE	12V	GROUND
DSM1-11	INPUT	HEADREST POTENTIOMETER WIPER	FULLY DOWN: 0.5V	FULLY UP: 2.1V
DSM1-12	INPUT	SEAT REAR POTENTIOMETER WIPER	FULLY DOWN: 0.6V	FULLY UP: 4.1V
DSM1-13	INPUT	SEAT FORE / AFT POTENTIOMETER WIPER	FULLY BACK: 1.2V	FULLY FORWARD: 4.1V
DSM1-14	INPUT	RECLINE POTENTIOMETER WIPER	FULLY RECLINED: 4V	FULLY UPRIGHT: 0.4V
DSM1-15	INPUT	SEAT FRONT POTENTIOMETER WIPER	FULLY DOWN: 1.5V	FULLY UP: 4V
DSM1-19	OUTPUT	POTENTIOMETER GROUND	GROUND	GROUND
DSM1-20	OUTPUT	POTENTIOMETER REFERENCE VOLTAGE	4.5V	GROUND



# FIG 19 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR MIRROR — DRIVER	DRIVER'S DOOR	DRIVER'S DOOR CASING
DOOR MIRROR — PASSENGER	PASSENGER'S DOOR	PASSENGER'S DOOR CASING
DOOR SWITCH PACK — DRIVER	DRIVER'S DOOR	DRIVER'S DOOR LOWER CASING
SEAT AND MIRRORS ECU — DRIVER	FLOOR, FRONT OF DRIVER'S SEAT	FLOOR TRIM PANEL
SEAT SWITCH PACK — DRIVER	CENTER CONSOLE, LEFT SIDE	CENTER CONSOLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD1	8-WAY MULTILOCK 70 (WHITE)	DRIVER'S DOOR, BOTTOM OF SWITCH PACK / DRIVER'S DOOR HARNESS
DD2	20-WAY MULTILOCK 40 (BLACK)	DRIVER'S DOOR SWITCH PACK, NEAR FRONT OF DOOR / DRIVER'S DOOR SWITCH PACK
DD13	GROTE AND HARTMAN (BLACK)	DRIVER'S DOOR INNER HINGE BRACKET / DRIVER'S MIRROR MOTOR, POTENTIOMETER AND HEATER
DD14	GROTE AND HARTMAN (WHITE)	DRIVER'S DOOR INNER HINGE BRACKET / DRIVER'S MIRROR MOTOR, POTENTIOMETER AND HEATER
LB1	48-WAY AMP PCB SIGNAL (BLACK)	FLOOR PANEL IN FRONT OF DRIVER'S SEAT / DRIVERS SEAT AND MIRRORS ECU
LB2	4-WAY MULTILOCK 70 (WHITE)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB3	12-WAY AMP PCB POWER (BLACK)	FLOOR PANEL IN FRONT OF DRIVER'S SEAT / DRIVERS SEAT AND MIRRORS ECU
LB12	20-WAY MULTILOCK 40 (BLACK)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB14	20-WAY MULTILOCK 40 (GREEN)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB22A	12-WAY MULTILOCK 40 (BLACK)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB22B	16-WAY MULTILOCK 40 (BLACK)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB23A	12-WAY MULTILOCK 40 (BLUE)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB23B	16-WAY MULTILOCK 40 (BLUE)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB37	20-WAY MULTILOCK 40 (GREEN)	MOUNTED LEFT OF CENTER CONSOLE / CHEEK / DRIVER SEAT SWITCH PACK
LB79B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB83	6-WAY MULTILOCK 70 (WHITE)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
PD13	GROTE AND HARTMAN (BLACK)	PASSENGER'S DOOR INNER HINGE BRACKET / PASSENGER'S MIRROR MOTOR, POTENTIOMETER AND HEATER
PD14	GROTE AND HARTMAN (WHITE)	PASSENGER'S DOOR INNER HINGE BRACKET / PASSENGER'S MIRROR MOTOR, POTENTIOMETER AND HEATER

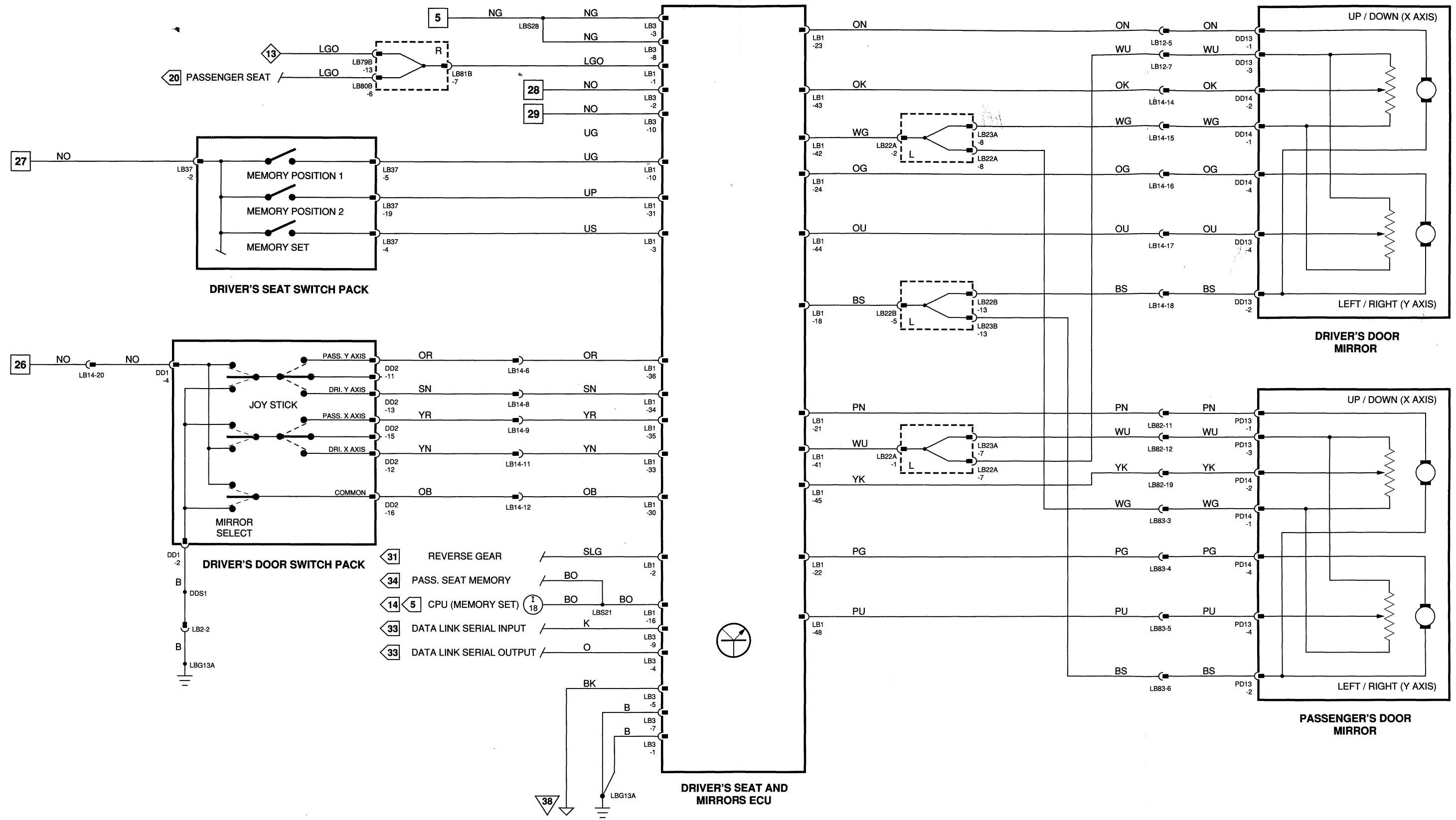
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG13A	WHITE EYELET	ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND

## INPUTS / OUTPUTS

### DRIVER'S SEAT AND MIRRORS ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB1-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB1-2	INPUT	REVERSE GEAR MIRROR DIP	REVERSE SELECTED: GROUND	12V
LB1-3	INPUT	MEMORY SET	'M' PRESSED: 12V	OPEN CIRCUIT
LB1-10	INPUT	MEMORY POSITION '1'	'1' PRESSED: 12V	OPEN CIRCUIT
LB1-16	INPUT	CPU (MEMORY SET)	'M' & '1' PRESSED: PULSE TO GROUND	RELEASED: 118 mV
LB1-18	OUTPUT	CPU TONE — MEMORY ACKNOWLEDGE	'M' PRESSED: 4.3 mV	RELEASED: 3.1 mV
LB1-21	OUTPUT	PASSENGER'S MIRROR UP/DOWN (X AXIS)	UP: 12V	DOWN: GROUND
LB1-22	OUTPUT	PASSENGER'S MIRROR RIGHT/LEFT (Y AXIS)	RIGHT: 12V	LEFT: GROUND
LB1-23	OUTPUT	DRIVER'S MIRROR UP/DOWN (X AXIS)	UP: 12V	DOWN: GROUND
LB1-24	OUTPUT	DRIVER'S MIRROR RIGHT/LEFT (Y AXIS)	RIGHT: 12V	LEFT: GROUND
LB1-30	INPUT	MIRROR SELECT DRIVER / PASSENGER	—	—
LB1-31	INPUT	MEMORY POSITION '2'	'2' PRESSED: 12V	OPEN CIRCUIT
LB1-33	INPUT	MIRROR SELECT — DRIVER'S X AXIS	UP: 12V	DOWN: GROUND
LB1-34	INPUT	MIRROR SELECT — DRIVER'S Y AXIS	RIGHT: 12V	LEFT: GROUND
LB1-35	INPUT	MIRROR SELECT — PASSENGER'S X AXIS	UP: 12V	DOWN: GROUND
LB1-36	INPUT	MIRROR SELECT — PASSENGER'S Y AXIS	RIGHT: 12V	LEFT: GROUND
LB1-41	OUTPUT	MIRROR POTENTIOMETER REFERENCE VOLTAGE	MIRROR MOVING: 4.4V	—
LB1-42	INPUT	MIRROR POTENTIOMETER GROUND	GROUND	GROUND
LB1-43	INPUT	DRIVER'S MIRROR POTENTIOMETER WIPER (X AXIS)	FULLY UP: 4.2V	DOWN: 0.3V
LB1-44	INPUT	DRIVER'S MIRROR POTENTIOMETER WIPER (Y AXIS)	FULLY LEFT: 0.8V	RIGHT: 4.0V
LB1-45	INPUT	PASSENGER'S MIRROR POTENTIOMETER WIPER (X AXIS)	FULLY UP: 4.2V	DOWN: 0.3V
LB1-48	INPUT	PASSENGER'S MIRROR POTENTIOMETER WIPER (Y AXIS)	FULLY LEFT: 0.8V	RIGHT: 3.5V
LB3-1	INPUT	POWER GROUND	GROUND	GROUND
LB3-2	INPUT	BATTERY POWER	12V	12V
LB3-3	INPUT	BATTERY POWER	12V	12V
LB3-4	OUTPUT	SERIAL COMMUNICATIONS DATA LINK OUTPUT	JDS	—
LB3-5	INPUT	LOGIC GROUND	GROUND	GROUND
LB3-7	INPUT	POWER GROUND	GROUND	GROUND
LB3-8	INPUT	BATTERY POWER	12V	12V
LB3-9	INPUT	SERIAL COMMUNICATIONS DATA LINK	JDS	—
LB3-10	INPUT	BATTERY POWER	12V	12V



# FIG 20 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
LUMBAR SWITCH — PASSENGER	CENTER CONSOLE, RIGHT SIDE	—
SEAT CONTROL UNIT — PASSENGER	FLOOR, FRONT OF PASSENGER'S SEAT	FLOOR TRIM PANEL
SEAT LUMBAR PUMP — PASSENGER	PASSENGER'S SEAT BACK	—
SEAT SWITCH PACK — PASSENGER	CENTER CONSOLE, RIGHT SIDE	CENTER CONSOLE
SEAT MOTORS — PASSENGER	PASSENGER'S SEAT	BENEATH SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB42	10-WAY MULTILOCK 70 (WHITE)	FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS
LB43	10-WAY MULTILOCK 70 (WHITE)	FRONT OF PASSENGER'S SEAT BY SEAT CONTROL UNIT / SEAT HARNESS
LB54	20-WAY MULTILOCK 40 (BLUE)	MOUNTED RIGHT OF CENTER CONSOLE CHEEK / PASSENGER SEAT SWITCH PACK
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB91	48-WAY AMP PCB SIGNAL (BLACK)	FLOOR PANEL, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL UNIT
LB92	12-WAY AMP PCB SIGNAL (BLACK)	FLOOR PANEL, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL
PIL1	6-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / SEAT RECLINE MOTOR
PIL2	6-WAY MULTILOCK 70 (YELLOW)	REAR OF PASSENGER'S SEAT BACK / HEADREST MOTOR
PIL4	3-WAY MULTILOCK 70 (YELLOW)	REAR OF PASSENGER'S SEAT BACK / LUMBAR PUMP
PSM2	6-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / SEAT FORE/AFT MOTOR
PSM3	6-WAY MULTILOCK 70 (YELLOW)	BENEATH PASSENGER'S SEAT CUSHION / SEAT REAR RAISE/LOWER MOTOR
PSM4	6-WAY MULTILOCK 70 (SLATE)	BENEATH PASSENGER'S SEAT CUSHION / SEAT FRONT RAISE/LOWER MOTOR
PSM5	18-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S SEAT HARNESS
PSM7	3-WAY MULTILOCK 70 (SLATE)	BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S LUMBAR SWITCH
PSM9	20-WAY AMP PCB POWER (YELLOW)	PASSENGER'S SEAT BY SEAT CONTROL UNIT ON FLOOR / PASSENGER'S SEAT CONTROL UNIT

## GROUND

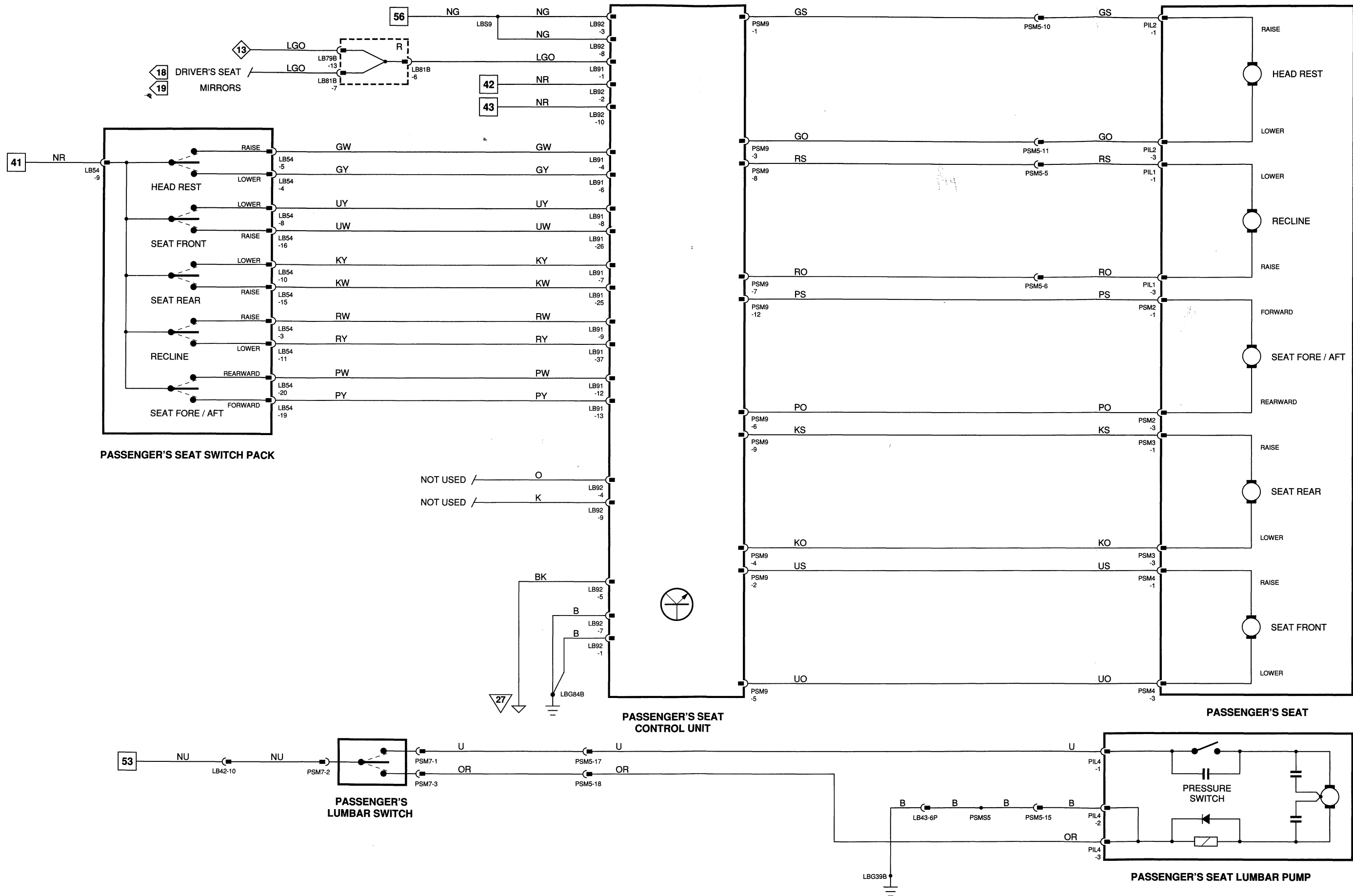
CODE	DESCRIPTION	LOCATION / INTERFACE
LBG39B	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG84B	WHITE EYELET	ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND

## INPUTS / OUTPUTS

### PASSENGER SEAT CONTROL UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB91-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB91-4	INPUT	HEADREST — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-6	INPUT	HEADREST — LOWER	LOWER: 12V	OPEN CIRCUIT
LB91-7	INPUT	SEAT REAR — LOWER	LOWER: 12V	OPEN CIRCUIT
LB91-8	INPUT	SEAT FRONT — LOWER	LOWER: 12V	OPEN CIRCUIT
LB91-9	INPUT	SEAT RECLINE — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-12	INPUT	SEAT REARWARD	REARWARD: 12V	OPEN CIRCUIT
LB91-13	INPUT	SEAT FORWARD	FORWARD: 12V	OPEN CIRCUIT
LB91-25	INPUT	SEAT REAR — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-26	INPUT	SEAT FRONT — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-37	INPUT	SEAT RECLINE — LOWER	LOWER: 12V	OPEN CIRCUIT
LB92-1	INPUT	POWER GROUND	GROUND	GROUND
LB92-2	INPUT	BATTERY POWER	12V	12V
LB92-3	INPUT	BATTERY POWER	12V	12V
LB92-5	INPUT	LOGIC GROUND	GROUND	GROUND
LB92-7	INPUT	POWER GROUND	GROUND	GROUND
LB92-8	INPUT	BATTERY POWER	12V	12V
LB92-10	INPUT	BATTERY POWER	12V	12V
PSM9-1	OUTPUT	HEADREST — RAISE	RAISE: 12V	GROUND
PSM9-2	OUTPUT	SEAT FRONT — RAISE	RAISE: 12V	GROUND
PSM9-3	OUTPUT	HEADREST — LOWER	LOWER: 12V	GROUND
PSM9-4	OUTPUT	SEAT REAR — LOWER	LOWER: 12V	GROUND
PSM9-5	OUTPUT	SEAT FRONT — LOWER	LOWER: 12V	GROUND
PSM9-6	OUTPUT	SEAT REARWARD	REARWARD: 12V	GROUND
PSM9-7	OUTPUT	SEAT RECLINE — RAISE	RAISE: 12V	GROUND
PSM9-8	OUTPUT	SEAT RECLINE — LOWER	LOWER: 12V	GROUND
PSM9-9	OUTPUT	SEAT REAR — RAISE	RAISE: 12V	GROUND
PSM9-12	OUTPUT	SEAT FORWARD	FORWARD: 12V	GROUND





  BATTERY POWER (FIGS 1/L, 1/R)  
   IGNITION POWER (FIG 2)  
   IGNITION SWITCHED GROUND (FIG 3)  
  LOGIC GROUND (FIG 4)  
   CPU INPUTS / OUTPUTS (FIG 5)  
   FIG NUMBER REFERENCE

NOTE: PASSENGER SEAT WITH MEMORY CIRCUIT — FIG 34

# FIG 21 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
RELAY MODULE M	PASSENGER'S SEAT	FLOOR TRIM PANEL
(M1 — SEAT HEATER RELAY — PASSENGER)		
(M2 — SEAT HEATER RELAY — DRIVER)		
SEAT BACK HEATER — DRIVER	DRIVER'S SEAT BACK	—
SEAT BACK HEATER — PASSENGER	PASSENGER'S SEAT BACK	—
SEAT CUSHION HEATER — DRIVER INNER	DRIVER'S SEAT CUSHION	—
SEAT CUSHION HEATER — DRIVER OUTER	DRIVER'S SEAT CUSHION	—
SEAT CUSHION HEATER — PASSENGER INNER	PASSENGER'S SEAT CUSHION	—
SEAT CUSHION HEATER — PASSENGER OUTER	PASSENGER'S SEAT CUSHION	—
SEAT SWITCH PACK — DRIVER	CENTER CONSOLE, LEFT SIDE	CENTER CONSOLE
SEAT SWITCH PACK — PASSENGER	CENTER CONSOLE, RIGHT SIDE	CENTER CONSOLE
SEAT THERMOSTAT — DRIVER	DRIVER'S SEAT CUSHION	BENEATH SEAT CUSHION
SEAT THERMOSTAT — PASSENGER	PASSENGER'S SEAT CUSHION	BENEATH SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DCH1	2-WAY MULTILOCK 70 (WHITE)	BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT CUSHION HEATER
DHS1	3-WAY MULTILOCK 70 (YELLOW)	BENEATH DRIVER'S SEAT CUSHION / DRIVER'S SEAT HARNESS
DSQ1	3-WAY MULTILOCK 70 (SLATE)	ATTACHED TO DRIVER'S SEAT CUSHION FRAME / DRIVER'S SEAT BACK HEATER
LB37	20-WAY MULTILOCK 40 (GREEN)	MOUNTED LEFT OF CENTER CONSOLE CHEEK / DRIVER SEAT SWITCH PACK
LB42	10-WAY MULTILOCK 70 (WHITE)	FRONT OF DRIVER'S SEAT BY SEAT AND MIRRORS ECU / BULKHEAD TO SEAT HARNESS
LB43	10-WAY MULTILOCK 70 (WHITE)	FRONT OF PASSENGER'S SEAT BY SEAT CONTROL UNIT / SEAT HARNESS
LB54	20-WAY MULTILOCK 40 (BLUE)	MOUNTED RIGHT OF CENTER CONSOLE CHEEK / PASSENGER SEAT SWITCH PACK
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB101	20-WAY AMP PCB POWER (BLUE)	IN FRONT OF PASSENGER'S SEAT CONTROL UNIT / RELAY MODULE M
PCH1	2-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S SEAT CUSHION HEATER
PHS1	3-WAY MULTILOCK 70 (YELLOW)	BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S SEAT HARNESS
PSQ1	3-WAY MULTILOCK 70 (SLATE)	ATTACHED TO PASSENGER'S SEAT CUSHION FRAME / PASSENGER'S SEAT BACK HEATER

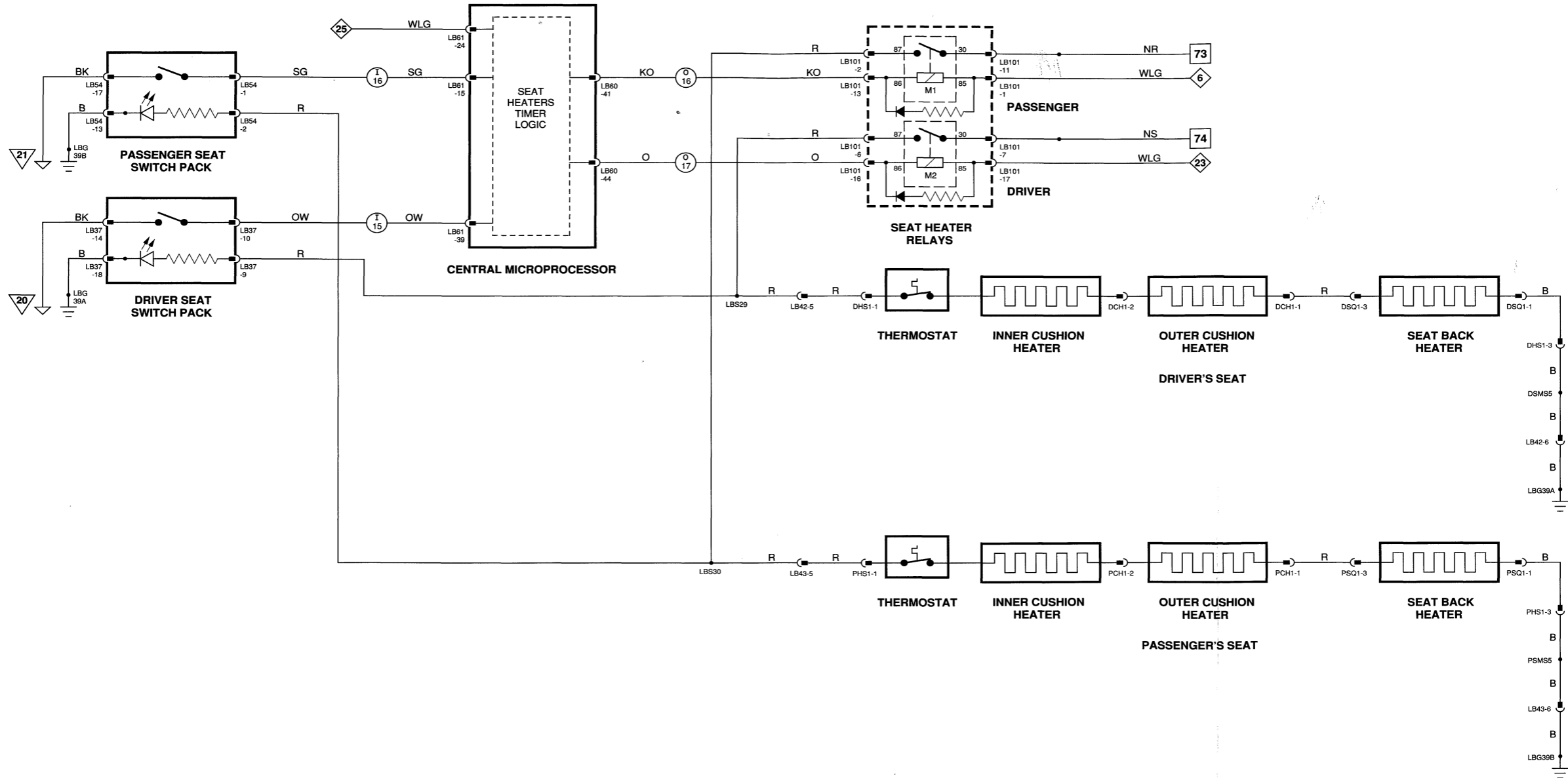
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG39A	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG39B	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

INPUTS		ACTIVE	INACTIVE
CODE	CIRCUIT		
15 LB61-24	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
15 LB61-39	DRIVER'S SEAT HEATER SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
16 LB61-15	PASSENGER'S SEAT HEATER SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
OUTPUTS		ACTIVE	INACTIVE
CODE	CIRCUIT		
16 LB60-41	PASSENGER'S SEAT HEATER DRIVE (KEY ON)	HEATER ON: GROUND	HEATER OFF: 12V
17 LB60-44	DRIVER'S SEAT HEATER DRIVE (KEY ON)	HEATER ON: GROUND	HEATER OFF: 12V



# FIG 22 DATA

## COMPONENTS

### DESCRIPTION

AMBIENT TEMPERATURE SENSOR  
ENGINE BREATHER HEATER  
HEADLIGHT WASHER HEATER — LEFT  
HEADLIGHT WASHER HEATER — RIGHT  
WINDSHIELD WASHER HEATER — LEFT  
WINDSHIELD WASHER HEATER — RIGHT  
RELAY — BREATHER HEATER (FE37)

### LOCATION

RIGHT FRONT BRAKE DUCT  
ADJACENT TO OIL FILL PIPE  
HEADLIGHT WASHER JET, LEFT  
HEADLIGHT WASHER JET, RIGHT  
WINDSHIELD WASHER JET, LEFT  
WINDSHIELD WASHER JET, RIGHT  
RIGHT BULKHEAD RELAY PANEL

### ACCESS

RIGHT DUCT  
ENGINE COMPARTMENT  
FRONT BUMPER  
FRONT BUMPER  
WINDSHIELD PLENUM  
WINDSHIELD PLENUM  
ENGINE COMPARTMENT

## CONNECTORS

### CODE

FE26 2-WAY LUCAR BLACK  
FE37 RELAY BASE (BLUE)  
LB11 20-WAY MULTILOCK 40 (BLUE)  
LB22A 12-WAY MULTILOCK 40 (BLACK)  
LB22B 16-WAY MULTILOCK 40 (BLACK)  
LB87 20-WAY MULTILOCK 40 (GREEN)  
LB88 20-WAY MULTILOCK 40 (BLACK)  
LS22 GROTE AND HARTMAN (BLACK)  
LS29 GROTE AND HARTMAN (BLACK)  
LS59 GROTE AND HARTMAN (BLACK)  
RS10 2-WAY ECONOSEAL III LC (WHITE)  
RS12 GROTE AND HARTMAN (BLACK)

### LOCATION / INTERFACE

BELOW HEATED BREATHER / INTAKE HEATED BREATHER  
RIGHT BULKHEAD RELAY PANEL / BREATHER HEATER RELAY  
REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS  
BEHIND LF DIRECTIONAL ASSEMBLY / LF HEADLIGHT POWER WASH HEATER  
BELOW WINDSHIELD PLENUM GRILLE / RIGHT WINDSHIELD WASHER HEATER  
BELOW WINDSHIELD PLENUM GRILLE / LEFT WINDSHIELD WASHER HEATER  
BEHIND RF DIRECTIONAL ASSEMBLY / AMBIENT TEMPERATURE SENSOR  
BEHIND RF DIRECTIONAL ASSEMBLY / RIGHT HEADLIGHT POWER WASH HEATER

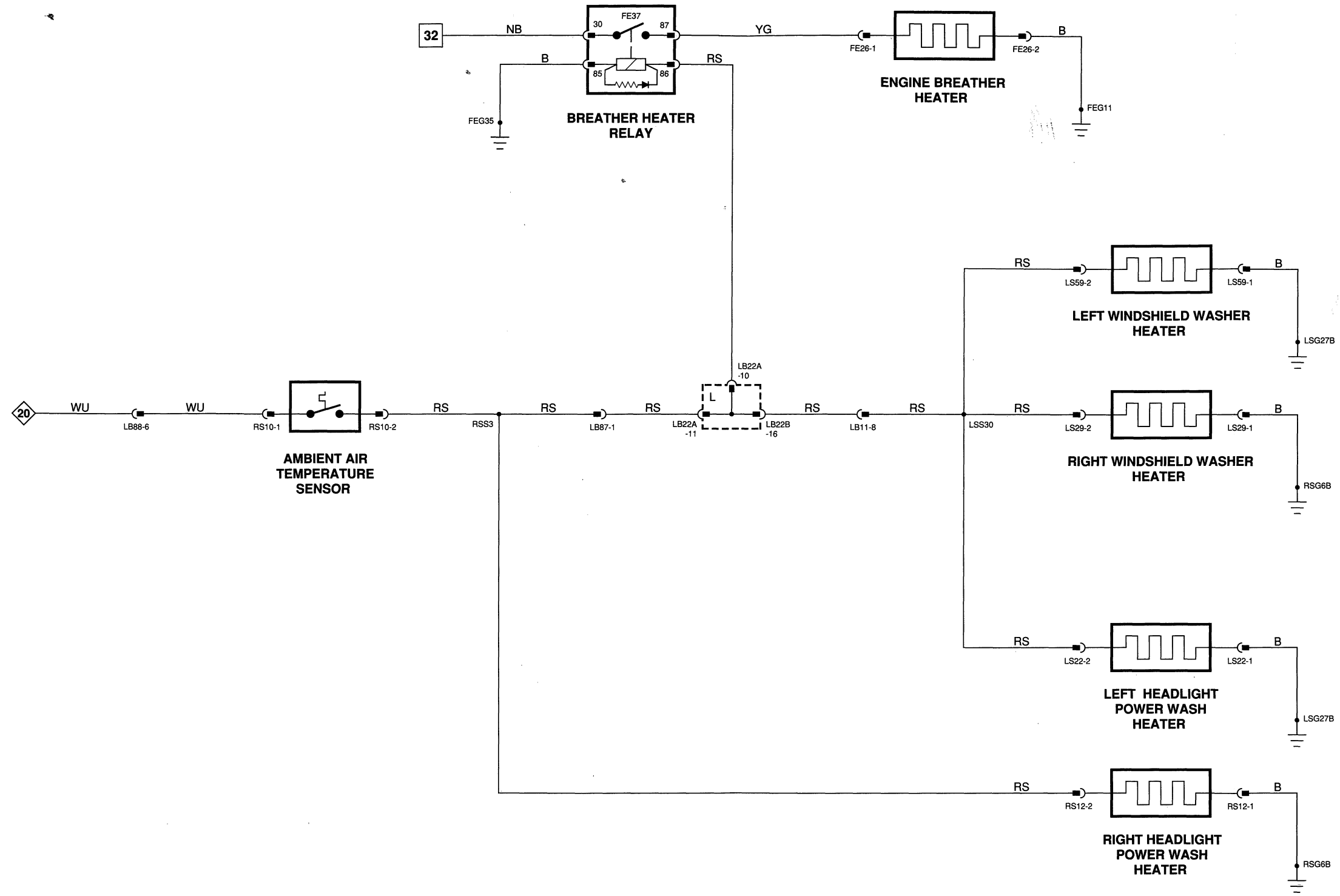
## GROUND

### CODE

FEG11 WHITE EYELET  
FEG35 WHITE EYELET  
LSG27B WHITE EYELET  
RSG6B WHITE EYELET

### LOCATION / INTERFACE

ENGINE COMPARTMENT AT #1 INTAKE RUNNER / GROUND  
ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND  
ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND  
ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND



# FIG 23 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTER CONSOLE	BETWEEN DRIVER / PASSENGER SEAT	—
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
CLIMATE CONTROL PANEL	CENTER CONSOLE ABOVE RADIO	—
HEATER — REAR WINDOW	REAR WINDOW	—
MIRROR HEATER — DRIVER	DRIVER'S MIRROR	—
MIRROR HEATER — PASSENGER	PASSENGER'S MIRROR	—
RELAY MODULE F (F1 — RIGHT WINDSHIELD HEATER RELAY) (F2 — LEFT WINDSHIELD HEATER RELAY)	RIGHT DASH UNDER PANEL	RIGHT DASH UNDER PANEL
RELAY MODULE G (G3 — MIRROR HEATERS RELAY)	RIGHT DASH UNDER PANEL	RIGHT DASH UNDER PANEL
RELAY MODULE K (K1 — HEATED REAR WINDOW RELAY)	RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM
WINDSHIELD HEATER — LEFT	LEFT WINDSHIELD	
WINDSHIELD HEATER — RIGHT	RIGHT WINDSHIELD	

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AC1	24-WAY AMP PCB SIGNAL (BLACK)	BEHIND CLIMATE CONTROL PANEL / CLIMATE CONTROL PANEL
DD14	GROTE AND HARTMAN (WHITE)	DRIVER'S DOOR INNER HINGE BRACKET / DRIVER'S MIRROR MOTOR, POTENTIOMETER AND HEATER
LB2	4-WAY MULTILOCK 70 (WHITE)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB11	20-WAY MULTILOCK 40 (BLUE)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB12	20-WAY MULTILOCK 40 (BLACK)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB34	12-WAY MULTILOCK 40 (GREEN)	BEHIND CENTER CONSOLE CLOCK / CENTER CONSOLE SWITCH PANEL
LB52	12-WAY MULTILOCK 70 (BLACK)	BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS
LB57	12-WAY MULTILOCK 40 (BLACK)	BELOW A/C CASE, RIGHT, NEAR A/C ECU / BULKHEAD HARNESS
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB70	20-WAY AMP PCB POWER (BLUE)	RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE G
LB71	20-WAY AMP PCB POWER (RED)	RELAY MOUNTING BRACKET BELOW GLOVE BOX / RELAY MODULE F
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB83	6-WAY MULTILOCK 70 (WHITE)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LS52	2-WAY AMP 187 C (SLATE)	RIGHT BULKHEAD, ADJACENT TO HOOD LATCH / RF WINDSHIELD HEATER
LS54	.250 BLADE (BLACK)	RIGHT 'E' POST BY TRIM PANEL / HEATED REAR WINDOW
LS61	2-WAY AMP 187 C (SLATE)	LEFT BULKHEAD, ADJACENT TO HOOD LATCH / LEFT WINDSHIELD HEATER
PD14	GROTE AND HARTMAN (WHITE)	PASSENGER'S DOOR INNER HINGE BRACKET / PASSENGER'S MIRROR MOTOR, POTENTIOMETER AND HEATER
RS38	20-WAY AMP PCTS POWER (BLUE)	BEHIND AND LEFT OF ANTENNA MOTOR / RELAY MODULE K
RS68	.250 BLADE (BLACK)	RIGHT 'E' POST BY TRIM PANEL / REAR WINDOW HEATER

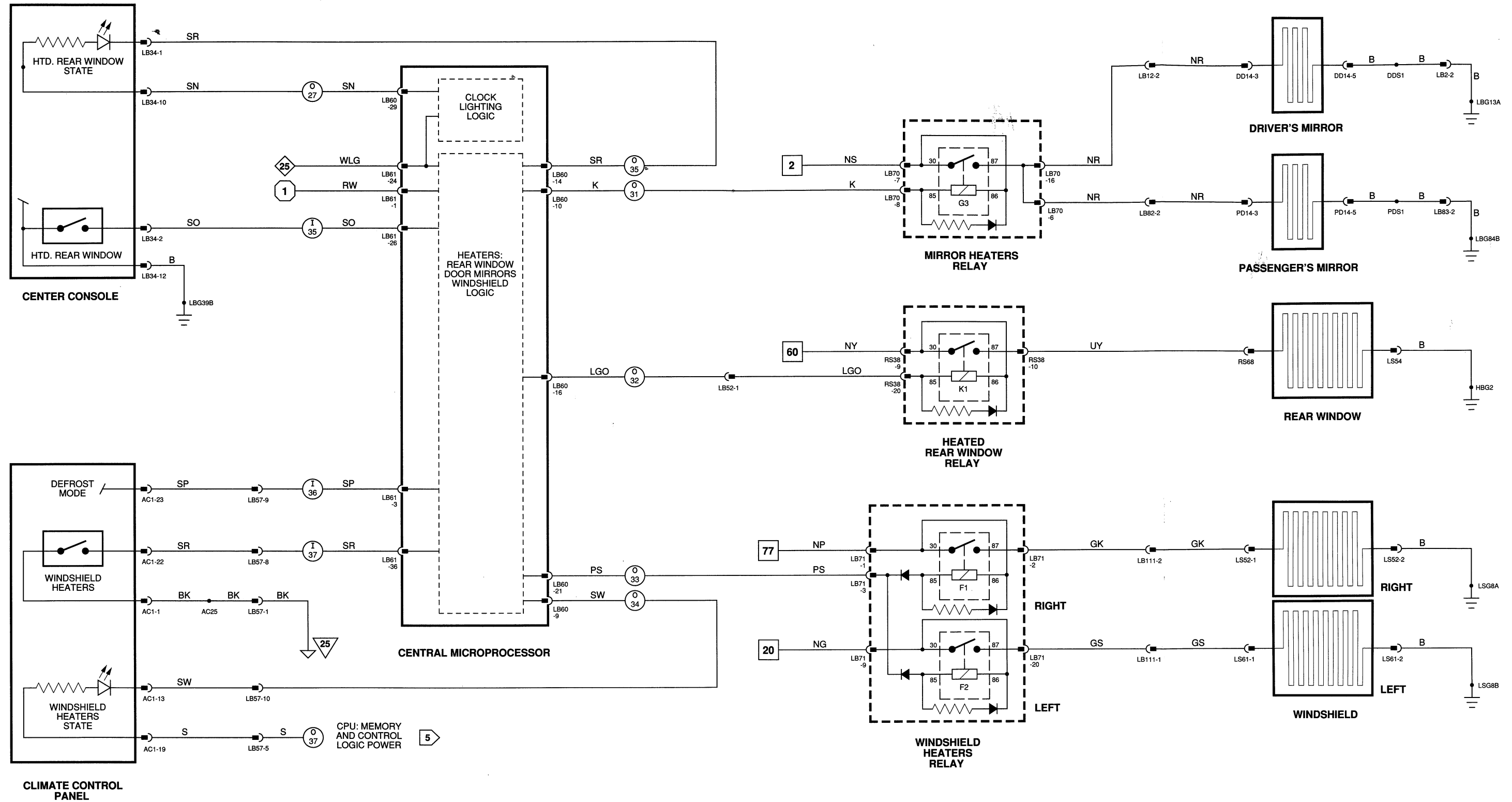
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
H802	WHITE EYELET	LEFT 'E' POST TRIM BEHIND READING LIGHT / GROUND
LBG13A	WHITE EYELET	ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND
LBG39B	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG84B	WHITE EYELET	ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND
LSG8A	WHITE EYELET	ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND
LSG8B	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

INPUTS		ACTIVE	INACTIVE
CODE	CIRCUIT		
LB61-24	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB61-1	ENGINE START INPUT	IGNITION CRANK POSITION: GROUND	KEY OUT: OPEN CIRCUIT
36 LB61-3	CLIMATE CONTROL DEFROST	DEFROST PRESSED: GROUND	DEFROST RELEASED: OPEN CIRCUIT
37 LB61-36	FRONT WINDSHIELD HEATER SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: OPEN CIRCUIT
OUTPUTS		ACTIVE	INACTIVE
CODE	CIRCUIT		
27 LB60-29	CLOCK ILLUMINATION POWER	12V	12V
31 LB60-10	DOOR MIRROR HEATERS	MIRROR HEATERS ON: GROUND	MIRROR HEATERS OFF: 12V
32 LB60-16	REAR WINDOW HEATER	WINDOW HEATER ON: GROUND	HEATER OFF: 12V
33 LB60-21	WINDSHIELD HEATER	WINDSHIELD HEATER ON: GROUND	HEATER OFF: 12V
34 LB60-9	WINDSHIELD HEATER — STATE (ON/OFF)	STATE LIGHT ON: GROUND	LIGHT OFF: 12V
35 LB60-14	HEATED REAR WINDOW — STATE (ON/OFF)	STATE LIGHT ON: GROUND	LIGHT OFF: 12V



# FIG 24 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
COLUMN SWITCH GEAR (WIPE / WASH SWITCHES)	STEERING COLUMN	LEFT DASH UNDER PANEL
FASCIA SWITCH PACK	STEERING COLUMN, RIGHT	—
HEADLIGHT WASH PUMP	FASCIA	RIGHT FRONT LOWER FENDER
RELAY MODULE D (D1 — HEADLIGHT WASH RELAY) (D2 — WINDSHIELD WASH RELAY)	HEADLIGHT WASHER RESERVOIR	ENGINE COMPARTMENT
RELAY MODULE E (E1 — WIPER MOTOR RELAY) (E2 — WIPER SLOW / FAST RELAY)	BEHIND LEFT HEADLIGHT	ENGINE COMPARTMENT
WASHER FLUID LEVEL SENSOR	RIGHT FRONT WHEEL ARCH BEHIND PANEL	WHEEL ARCH PANEL
WINDSHIELD WASH PUMP	WASHER FLUID RESERVOIR	RIGHT FRONT WHEEL ARCH, BEHIND PANEL
WIPER MOTOR	LEFT BULKHEAD	ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB9	12-WAY MULTILOCK 70 (WHITE)	LEFT 'A' POST, ABOVE FUSE PANEL / BULKHEAD HARNESS
LB10	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB11	20-WAY MULTILOCK 40 (BLUE)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB20	20-WAY MULTILOCK 40 (BLUE)	LEFT DASH UNDER PANEL, BELOW FASCIA / FASCIA SWITCH PACK
LB22B	16-WAY MULTILOCK 40 (BLACK)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB23B	16-WAY MULTILOCK 40 (BLUE)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB24B	16-WAY MULTILOCK 40 (GREEN)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB33	12-WAY MULTILOCK 40 (GREEN)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN CYCLE SWITCH
LB35	12-WAY MULTILOCK 40 (BLACK)	LOWER RIGHT OF STEERING COLUMN / STEERING COLUMN SWITCH GEAR
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB88	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LS7	6-WAY ECONOSEAL III HC (BLACK)	LEFT BULKHEAD NEXT TO BRAKE RESERVOIR / WIPER MOTOR
LS70	20-WAY AMP PCB POWER (BLACK)	LEFT HEADLIGHT BRACKET BELOW HOOD HINGE / RELAY MODULE E
RS13	4-WAY ECONOSEAL III LC (BLACK)	RF WHEEL ARCH, BEHIND PANEL / WINDSHIELD WASH FLUID LEVEL SENSOR
RS14	2-WAY ECONOSEAL III HC (BLACK)	RF WHEEL ARCH, BEHIND PANEL / HEADLIGHT WASHER PUMP
RS21	20-WAY AMP PCB POWER (RED)	BEHIND RIGHT HEADLIGHT / RELAY MODULE D
SC2	6-WAY PMHD (YELLOW)	STEERING COLUMN SWITCH GEAR, LEFT / WASH/WIPE SWITCH
SW1	4-WAY ECONOSEAL III HC (BLACK)	BEHIND RIGHT FRONT WHEEL ARCH COVER / WINDSHIELD WASHER PUMP

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LSG8A	WHITE EYELET	ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND
LSG27A	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND
RSG6A	WHITE EYELET	ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND
RSG6B	WHITE EYELET	ENGINE COMPARTMENT, RF, ADJACENT TO WASHER RESERVOIR / GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

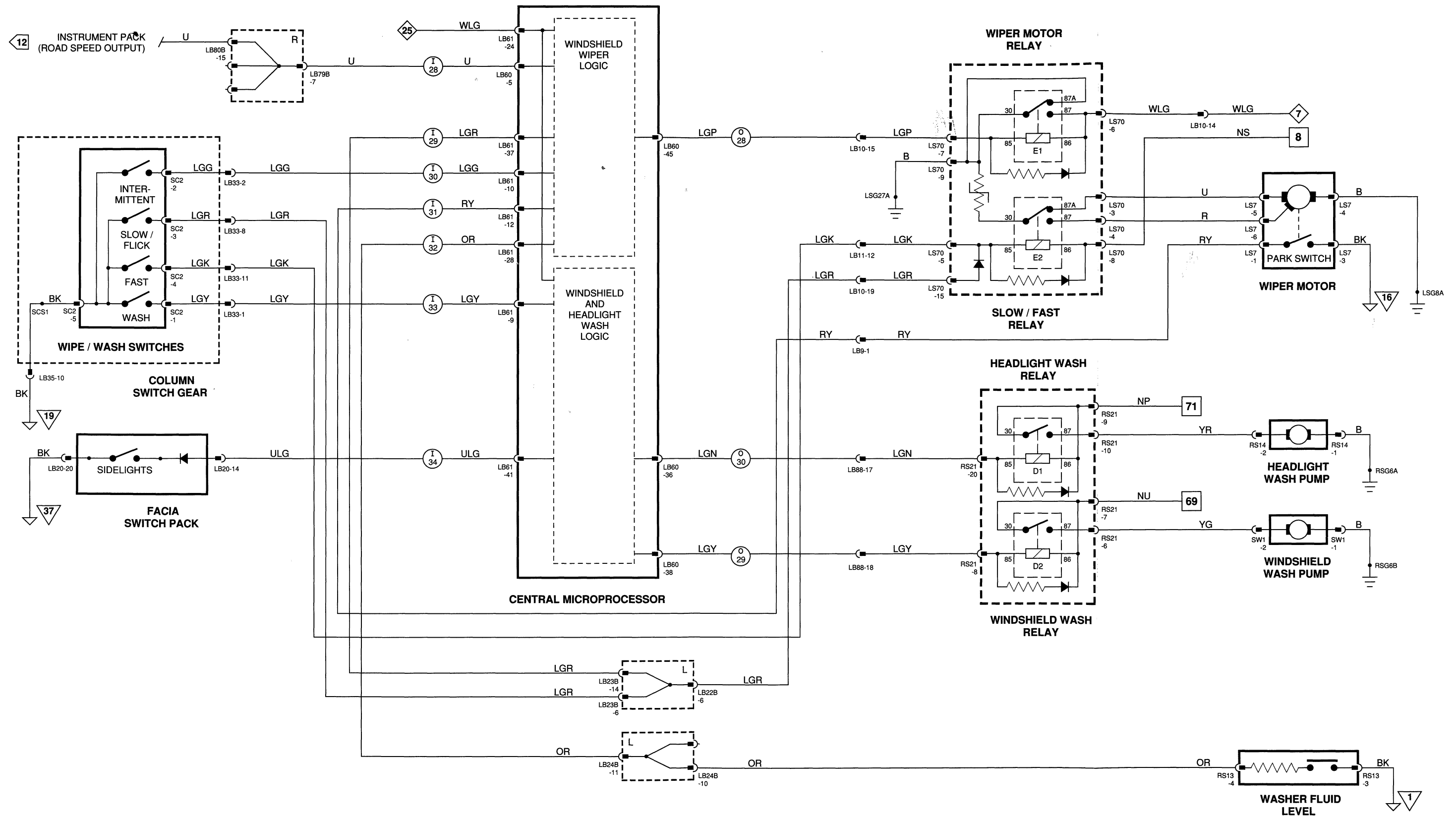
#### INPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
LB61-24	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
28 LB60-5	ROAD SPEED INPUT	0 MPH: 5 mV AC	10 MPH: 2.2V AC
29 LB61-37	SLOW/FLICK WIPER SWITCH	SLOW OR FLICK: GROUND	WIPERS OFF: OPEN CIRCUIT
30 LB61-10	INTERMITTENT WIPER SWITCH	INTERMITTENT: GROUND	WIPERS OFF: OPEN CIRCUIT
31 LB61-12	WIPER PARK SWITCH	WIPER NOT PARKED: GROUND	WIPER PARKED: OPEN CIRCUIT
32 LB61-28	LOW WINDSHIELD WASHER FLUID	LEVEL NORMAL GROUND	LEVEL LOW: 12V
33 LB61-9	WASH / WIPE SWITCH	BUTTON PRESSED: GROUND	BUTTON RELEASED: OPEN CIRCUIT
34 LB61-41	SIDE LIGHTS ON WARNING	LIGHTS ON: GROUND	LIGHTS OFF: OPEN CIRCUIT

#### OUTPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
28 LB60-45	WIPER MOTOR	WIPERS SWEEPING: GROUND	WIPERS PARKED: 12V
29 LB60-38	WINDSHIELD WASHER MOTOR	PUMP ON: GROUND	PUMP OFF: 12V
30 LB60-36	HEADLIGHT WASHER MOTOR	PUMP ON WITH HEADLIGHTS: GROUND	PUMP OFF: 12V





# FIG 25 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ABS DIAGNOSTIC CONNECTOR	LEFT TRUNK, WHEEL ARCH	TRUNK TRIM PANEL, LEFT
ABS MAIN VALVE	BRAKE ACTUATOR UNIT	LEFT BULKHEAD, ENGINE COMPARTMENT
ABS PUMP	RIGHT BULKHEAD	ENGINE COMPARTMENT, RIGHT
ABS RESERVOIR	ABOVE BRAKE ACTUATOR UNIT	LEFT BULKHEAD, ENGINE COMPARTMENT
ABS VALVE BLOCK	BRAKE ACTUATOR UNIT	LEFT BULKHEAD, ENGINE COMPARTMENT
ANTI-LOCK BRAKING ECU	LEFT TRUNK, WHEEL ARCH	TRUNK TRIM PANEL, LEFT
BRAKE SWITCH	ABOVE BRAKE PEDAL	LEFT DASH UNDER PANEL
COMBINED PRESSURE SWITCH	ABS PUMP UNIT	ENGINE COMPARTMENT, RIGHT
DIODE — LSD1	EXPOSED IN BULK. HARNESS, ENGINE COMPARTMENT	2" FORWARD OF ABS PUMP
DIODE — LSD2	EXPOSED IN BULK. HARNESS, LEFT 'A' POST	BEHIND #2 FUSE BOX
DIODE — LSD3	EXPOSED IN BULK. HARNESS, LEFT 'A' POST	BEHIND #2 FUSE BOX
HIGH MOUNT STOP LIGHT	REAR WINDOW	—
RELAY MODULE L	RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM
(L1 — HIGH MOUNT STOP LIGHT RELAY)		
RELAY — ABS MAIN (LS13)	LEFT BLOWER MOTOR RELAY BRACKET	LEFT DASH UNDER PANEL
RELAY — ABS PUMP (LS5)	LEFT BLOWER MOTOR RELAY BRACKET	LEFT DASH UNDER PANEL
WHEEL SPEED SENSOR — LEFT FRONT	LEFT FRONT BRAKE DISC	LEFT FRONT BRAKE DISC
WHEEL SPEED SENSOR — LEFT REAR	LEFT REAR BRAKE DISC	LEFT REAR BRAKE DISC
WHEEL SPEED SENSOR — RIGHT FRONT	RIGHT FRONT BRAKE DISC	RIGHT FRONT BRAKE DISC
WHEEL SPEED SENSOR — RIGHT REAR	RIGHT REAR BRAKE DISC	RIGHT REAR BRAKE DISC

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB29	4-WAY MULTILOCK 70 (WHITE)	LOWER STEERING COLUMN, ABOVE BRAKE PEDAL / BRAKE/CRUISE SWITCH
LB51	12-WAY MULTILOCK 70 (WHITE)	BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS
LB79A	12-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LS2	5-WAY LUCAR (BLUE)	RIGHT BULKHEAD ON ABS ACCUMULATOR / COMBINED PRESSURE SWITCH
LS3	2-WAY LUCAR (BLUE)	RIGHT BULKHEAD ADJACENT TO ABS PUMP / ABS PUMP
LS4	2-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO POWER STEERING RESERVOIR / RF WHEEL SPEED SENSOR
LS5	RELAY BASE (YELLOW)	LEFT BLOWER MOTOR ON RELAY MOUNTING PANEL / ABS PUMP RELAY
LS12	PM 5 (BLACK)	TRUNK, LEFT, BY FUEL FILLER FLAP SOLENOID / ABS DIAGNOSTIC SOCKET
LS13	RELAY BASE (BLACK)	LEFT BLOWER MOTOR ON RELAY MOUNTING PANEL / ABS MAIN RELAY
LS17	2-WAY ECONOSEAL III LC (BLACK)	LEFT FRONT FENDER, UNDER COOLANT RESERVOIR / LF WHEEL SPEED SENSOR
LS19	5-WAY LUCAR (BLACK)	ON BRAKE FLUID RESERVOIR / BRAKE FLUID LEVEL SENSOR
LS20	2-WAY LUCAR (BLACK)	BELOW BRAKE FLUID RESERVOIR / ABS MAIN VALVE
LS21	7-WAY LUCAR (SLATE)	BELOW BRAKE FLUID RESERVOIR / ABS VALVE BLOCK
LS47	2-WAY ECONOSEAL III LC (BLACK)	TRUNK, LEFT, BEHIND SPARE TIRE / LR WHEEL SPEED SENSOR
LS49	2-WAY ECONOSEAL III LC (BLACK)	NEAR BATTERY, BELOW FUEL TANK / RR WHEEL SPEED SENSOR
LS50	55-WAY TRW (BLACK)	BELOW FUEL FILLER FLAP SOLENOID / ABS ECU
LS53	18-WAY MULTILOCK 70 (WHITE)	BEHIND LEFT TAIL LIGHT CLUSTER / LR BULB FAIL MODULE
RS35	3-WAY EDGE CONTACT (SLATE)	FITTED TO HIGH MOUNT STOP LIGHT / HIGH MOUNT STOPLIGHT
RS42	20-WAY AMP PCB POWER (BLACK)	BEHIND AND LEFT OF ANTENNA MOTOR / RELAY MODULE L

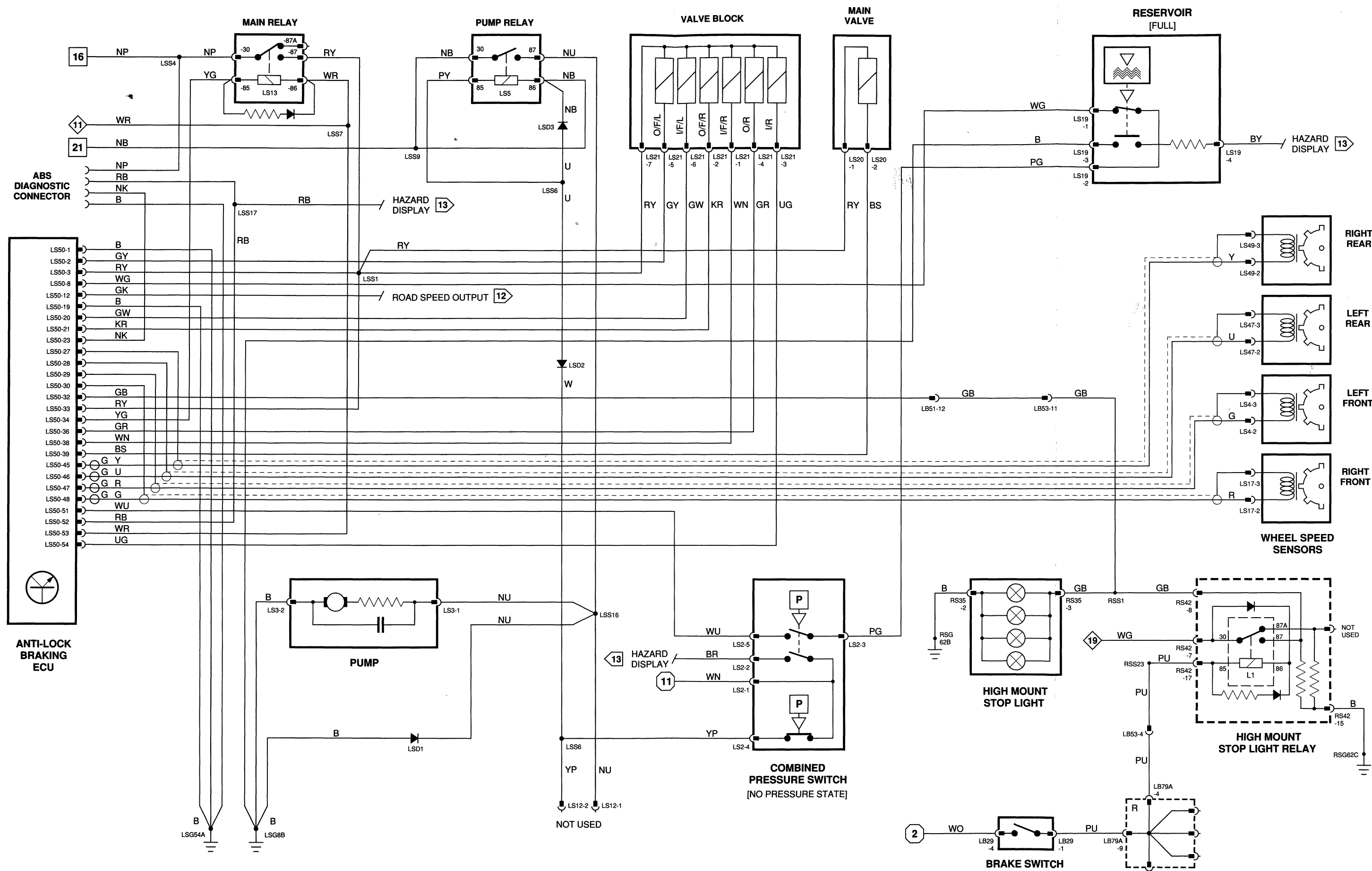
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LSG8B	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND
LSG54A	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND
RSG62B	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND
RSG62C	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

### ANTI-LOCK BRAKING ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LS50-1	INPUT	POWER GROUND	GROUND	GROUND
LS50-2	INPUT	OUTLET VALVE — FRONT LEFT	GROUND	12V
LS50-3	INPUT	ABS MAIN RELAY	12V	OPEN CIRCUIT
LS50-8	OUTPUT	RESERVOIR FULL SWITCH	5V	GROUND
LS50-12	OUTPUT	INSTRUMENT PACK ROAD SPEED	0 MPH: 40 mV AC; 10 MPH: 105 mV AC; 30 MPH: 210 mV AC	
LS50-19	INPUT	POWER GROUND	GROUND	GROUND
LS50-20	INPUT	INPUT VALVE — FRONT LEFT	GROUND	12V
LS50-21	INPUT	OUTLET VALVE — FRONT RIGHT	GROUND	12V
LS50-23	OUTPUT	DIAGNOSTIC CONNECTOR	PULSED OUTPUT — JDS	
LS50-27	OUTPUT	WHEEL SPEED SENSOR SCREEN — RIGHT REAR	GROUND	GROUND
LS50-28	OUTPUT	WHEEL SPEED SENSOR SCREEN — LEFT REAR	GROUND	GROUND
LS50-29	OUTPUT	WHEEL SPEED SENSOR SCREEN — LEFT FRONT	GROUND	GROUND
LS50-30	OUTPUT	WHEEL SPEED SENSOR SCREEN — RIGHT FRONT	GROUND	GROUND
LS50-32	INPUT	BRAKE APPLIED SWITCH	12V	OPEN CIRCUIT
LS50-33	INPUT	ABS MAIN RELAY	12V	OPEN CIRCUIT
LS50-34	OUTPUT	ABS MAIN RELAY COIL	GROUND	12V
LS50-36	INPUT	OUTLET VALVE — REAR	GROUND	12V
LS50-38	INPUT	INLET VALVE — FRONT RIGHT	GROUND	12V
LS50-39	INPUT	MAIN VALVE	GROUND	OPEN CIRCUIT
LS50-45	INPUT	WHEEL SPEED SENSOR — RIGHT REAR	PULSED AC SIGNAL	0V
LS50-46	INPUT	WHEEL SPEED SENSOR — LEFT REAR	PULSED AC SIGNAL	0V
LS50-47	INPUT	WHEEL SPEED SENSOR — LEFT FRONT	PULSED AC SIGNAL	0V
LS50-48	INPUT	WHEEL SPEED SENSOR — RIGHT FRONT	PULSED AC SIGNAL	0V
LS50-51	INPUT	COMBINED PRESSURE SWITCH	5V	OPEN CIRCUIT
LS50-52	OUTPUT	DIAGNOSTIC CONNECTOR / HAZARD DISPLAY	PULSED OUTPUT — JDS	OPEN CIRCUIT
LS50-53	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LS50-54	INPUT	INLET VALVE — REAR	GROUND	OPEN CIRCUIT



BATTERY POWER (FIGS 1/L, 1/R)  
  IGNITION POWER (FIG 2)  
  IGNITION SWITCHED GROUND (FIG 3)  
  LOGIC GROUND (FIG 4)  
  CPU INPUTS / OUTPUTS (FIG 5)  
  FIG NUMBER REFERENCE

# FIG 26 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BRAKE SWITCH (BRAKE LIGHTS) (CRUISE CONTROL INHIBIT)	ABOVE BRAKE PEDAL ABOVE BRAKE PEDAL ABOVE BRAKE PEDAL	LEFT DASH UNDER PANEL LEFT DASH UNDER PANEL LEFT DASH UNDER PANEL
CRUISE CONTROL ECU	PASSENGER'S FOOTWELL	RIGHT DASH UNDER PANEL
DUMP VALVE	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
VACUUM PUMP AND CONTROL VALVE	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT

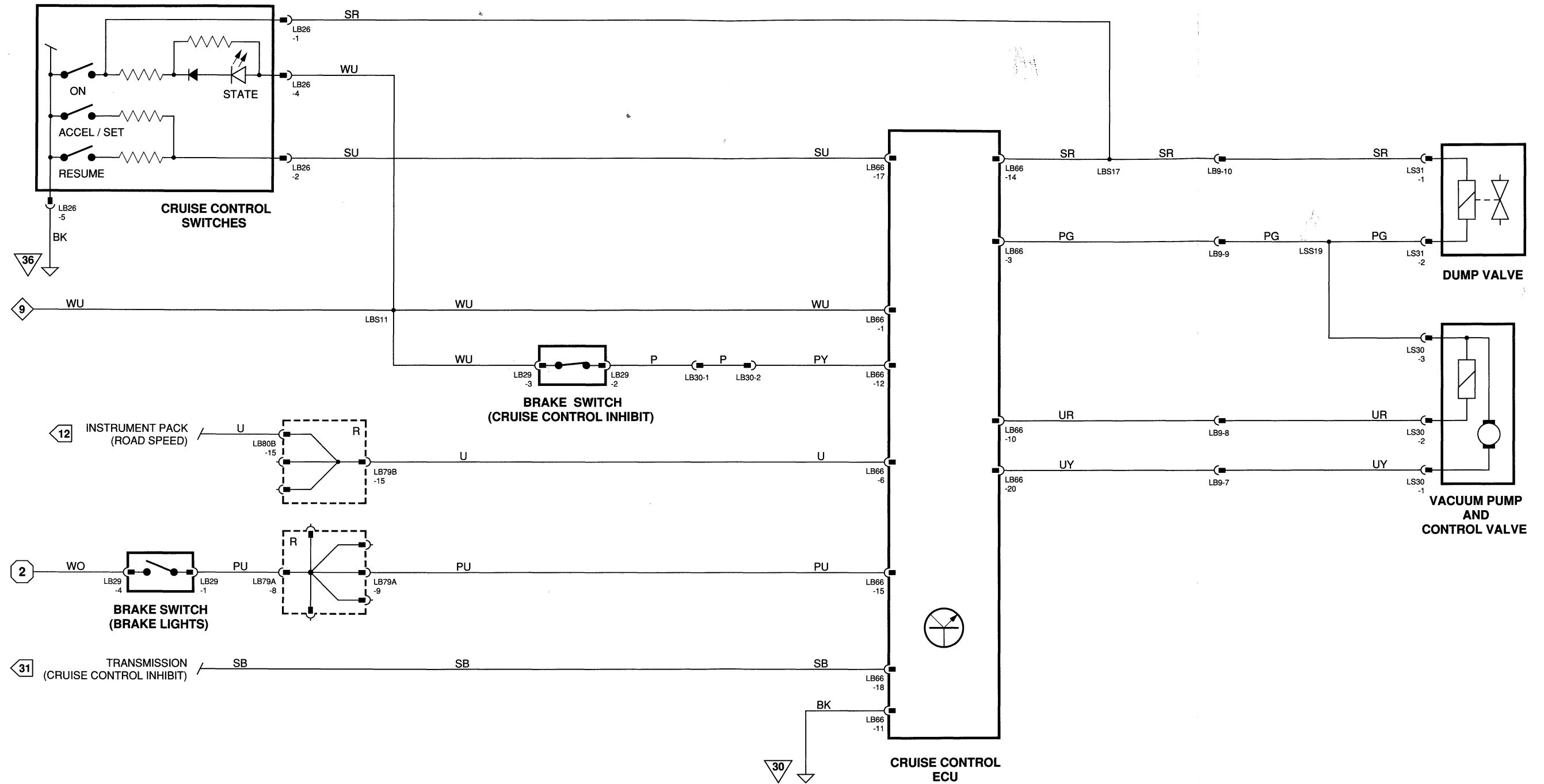
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB9	12-WAY MULTILOCK 70 (WHITE)	LEFT 'A' POST, ABOVE FUSE PANEL / BULKHEAD HARNESS
LB26	18-WAY MULTILOCK 70 (YELLOW)	REAR OF TRIP COMPUTER BY STEERING COLUMN / TRIP COMPUTER
LB29	4-WAY MULTILOCK 70 (WHITE)	LOWER STEERING COLUMN, ABOVE BRAKE PEDAL / BRAKE/CRUISE SWITCH
LB30	2-WAY MULTILOCK 70 (YELLOW)	LOWER STEERING COLUMN, ABOVE BRAKE PEDAL / CRUISE LINK LEAD
LB66	20-WAY AMP PCB POWER (BLACK)	MOUNTING BRACKET UNDER GLOVE BOX / BULKHEAD HARNESS
LB79A	12-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LS30	CRUISE CONTROL PUMP (BLACK)	ON CRUISE CONTROL PUMP NEXT TO LEFT AIR INLET / CRUISE CONTROL PUMP
LS31	PM 5 (BLACK)	BEHIND LEFT HEADLIGHT NEAR AIR INLET / CRUISE CONTROL DUMP VALVE

## INPUTS / OUTPUTS

### CRUISE CONTROL ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB66-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB66-3	OUTPUT	DUMP VALVE / PUMP UNIT	GROUND	12V
LB66-6	INPUT	ROAD SPEED	PULSED SIGNAL	KEY ON: 5V
LB66-10	OUTPUT	CONTROL VALVE	GROUND	12V
LB66-11	OUTPUT	LOGIC GROUND	GROUND	GROUND
LB66-12	INPUT	CRUISE CONTROL ON/OFF SWITCH	KEY ON: 12V	BRAKES APPLIED: OPEN CIRCUIT
LB66-14	OUTPUT	DUMP VALVE GROUND	GROUND	12V
LB66-15	INPUT	BRAKE SWITCH	BRAKES APPLIED: GROUND	BRAKES OFF: 12V
LB66-17	INPUT	SET / ACCEL. / RESUME SWITCH	SET / ACCEL.: 2.7V	RESUME / COAST: 5.5V
LB66-18	INPUT	TRANSMISSION CRUISE CONTROL INHIBIT	D, 3, 2: 12V	P, R, N: GROUND
LB66-20	INPUT	VACUUM PUMP GROUND	GROUND	12V



# FIG 27 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ANTENNA	RIGHT REAR FENDER	—
ANTENNA MOTOR	TRUNK, RIGHT	TRUNK TRIM PANEL, RIGHT
CD AUTO CHANGER	TRUNK, RIGHT, ABOVE BATTERY	—
CD HEAD	CENTER CONSOLE / RADIO	RADIO
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	RIGHT DASH UNDER PANEL
RADIO	CENTER CONSOLE	—
RELAY MODULE K	RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM
(K2 — ANTENNA UP RELAY)		
(K3 — ANTENNA DOWN RELAY)		
SPEAKER — LEFT FRONT BASS	DRIVER'S DOOR	DRIVER'S DOOR CASING
SPEAKER — LEFT FRONT TWEETER	LEFT FRONT FASCIA	FASCIA
SPEAKER — LEFT REAR BASS	LEFT REAR DOOR	LEFT REAR DOOR CASING
SPEAKER — LEFT REAR TWEETER	LEFT PARCEL SHELF	PARCEL SHELF
SPEAKER — RIGHT FRONT BASS	PASSENGER'S DOOR	PASSENGER'S DOOR CASING
SPEAKER — RIGHT FRONT TWEETER	RIGHT FRONT FASCIA	FASCIA
SPEAKER — RIGHT REAR BASS	RIGHT REAR DOOR	RIGHT REAR DOOR CASING
SPEAKER — RIGHT REAR TWEETER	RIGHT PARCEL SHELF	PARCEL SHELF

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD12	2-WAY GROTE AND HARTMAN MDK (BLACK)	DRIVER'S DOOR, BOTTOM FRONT / LEFT FRONT BASS SPEAKER
FL1	2-WAY AMP MODU (BLACK)	UPPER LEFT FASCIA BY WINDSHIELD / LEFT FRONT TWEETER SPEAKER
FL2	2-WAY AMP MODU (BLACK)	UPPER RIGHT FASCIA BY WINDSHIELD / RIGHT FRONT TWEETER SPEAKER
LB11	20-WAY MULTILOCK 40 (BLUE)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB14	20-WAY MULTILOCK 40 (GREEN)	LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB22A	12-WAY MULTILOCK 40 (BLACK)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB23A	12-WAY MULTILOCK 40 (BLUE)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB24A	12-WAY MULTILOCK 40 (GREEN)	LEFT BLOWER MOTOR HOUSING BRACKET / LEFT SPLICE BOX
LB36	14-WAY MULTILOCK 70 (WHITE)	BEHIND CENTER CONSOLE RADIO / RADIO
LB53	12-WAY MULTILOCK 70 (WHITE)	BENEATH RIGHT REAR SEAT BOX SECTION / BULKHEAD TO REAR HARNESS
LB60	48-WAY AMP PCB SIGNAL (YELLOW)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB61	48-WAY AMP PCB SIGNAL (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LB80A	12-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81A	12-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB82	20-WAY MULTILOCK 40 (BLACK)	RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS
LB87	20-WAY MULTILOCK 40 (GREEN)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LB98	12-WAY MULTILOCK 40 (BLUE)	ADJACENT TO A/C ECU, RIGHT / BULKHEAD HARNESS
LS40	2-WAY AMP MODU (BLACK)	LEFT PARCEL SHELF NEAR 'E' POST / LR TWEETER SPEAKER
PD12	2-WAY GROTE AND HARTMAN MDK (BLACK)	PASSENGER'S DOOR, BOTTOM FRONT / RIGHT FRONT BASS SPEAKER
RRD9	12-WAY MULTILOCK 40 (BLACK)	RIGHT 'B/C' POST BOX SECTION, BY SEAT BELT / RR HARNESS
RRD12	2-WAY GROTE AND HARTMAN MDK (BLACK)	RR DOOR, BOTTOM OF DOOR / RR BASS SPEAKER
RS22	DIN CABLE (BLACK)	BEHIND CD AUTOCHANGER / CD AUTOCHANGER CABLE
RS23	DIN CABLE (BLACK)	BEHIND RADIO / CD AUTOCHANGER CABLE
RS25	COAXIAL CABLE	BEHIND RADIO / ANTENNA UP/DOWN SIGNAL
RS26	COAXIAL CABLE	ANTENNA ASSEMBLY / ANTENNA COAXIAL
RS36	2-WAY AMP MODU (BLACK)	RIGHT PARCEL SHELF BY 'E' POST / RIGHT REAR TWEETER SPEAKER
RS38	20-WAY AMP PCTS POWER (BLUE)	BEHIND AND LEFT OF ANTENNA MOTOR / RELAY MODULE K
RS59	PM 5 (BLACK)	ADJACENT TO ANTENNA MOTOR ON WHEEL ARCH / ANTENNA MOTOR

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
CEG2	WHITE EYELET	BENEATH RADIO AT CENTER CONSOLE STUD / GROUND
RSG62C	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

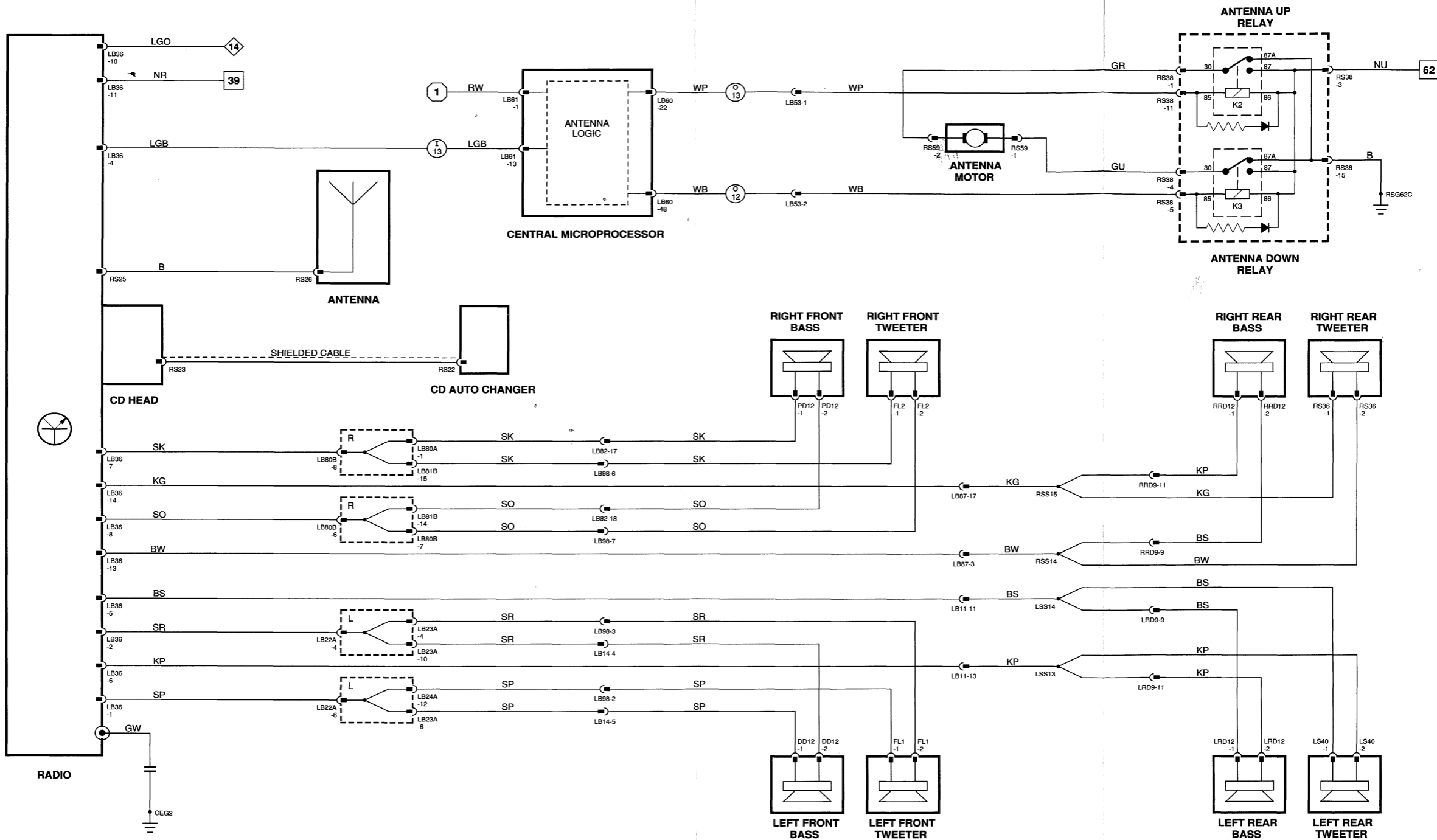
### CENTRAL MICROPROCESSOR

#### INPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
13 LB61-13	RADIO ON INPUT (KEY ON)	RADIO ON: 12V	RADIO OFF: 0V
LB61-1	ENGINE START INPUT	IGNITION CRANK POSITION: GROUND	KEY OUT: OPEN CIRCUIT

#### OUTPUTS

CODE	CIRCUIT	ACTIVE	INACTIVE
12 LB60-48	ANTENNA DOWN	ANTENNA DOWN: GROUND	ANTENNA UP: 12V
13 LB60-22	ANTENNA UP	ANTENNA UP: GROUND	ANTENNA DOWN: 12V



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 28 DATA

## COMPONENTS

### DESCRIPTION

AMBIENT TEMPERATURE SENSOR  
 ASPIRATOR  
 BLOWER — LEFT  
 BLOWER — RIGHT  
 CLIMATE CONTROL MICROPROCESSOR  
 CLIMATE CONTROL PANEL  
 CLIMATE CONTROL SOLENOID VALVE BLOCK  
 COOLANT TEMPERATURE SWITCH  
 EVAPORATOR TEMPERATURE SENSOR  
 FEEDBACK POTENTIOMETER — LOWER  
 FEEDBACK POTENTIOMETER — UPPER  
 IN-CAR TEMPERATURE SENSOR  
 MAIN RECIRCULATION SOLENOID  
 SERVO — LOWER  
 SERVO — UPPER  
 SOLAR SENSOR

### LOCATION

LOWER A/C DISCHARGE, RF  
 LOWER A/C DISCHARGE, RF  
 LEFT BULKHEAD  
 RIGHT BULKHEAD  
 RIGHT SIDE OF EVAPORATOR CASE  
 CENTER CONSOLE ABOVE RADIO  
 BELOW LEFT A/C CASE  
 HEATER CORE, LEFT, ON PIPE  
 EVAPORATOR CASE, RIGHT  
 EVAPORATOR CASE, LEFT LOWER  
 EVAPORATOR CASE, LEFT UPPER  
 LOWER A/C DISCHARGE, RF  
 BENEATH EVAPORATOR CASE, RIGHT  
 LOWER EVAPORATOR CASE, RIGHT  
 UPPER EVAPORATOR CASE, RIGHT  
 CENTER OF FASCIA

### ACCESS

RIGHT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 LEFT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 —  
 CONSOLE CHECK PANEL, LEFT  
 A/C HOUSING, LEFT  
 RIGHT DASH UNDER PANEL  
 LEFT DASH UNDER PANEL  
 LEFT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL

## CONNECTORS

### CODE

### DESCRIPTION

AC1 24-WAY AMP PCB SIGNAL (BLACK)  
 AC2 15-WAY JST FIXED (WHITE)  
 AC3 15-WAY JST FIXED (WHITE)  
 AC4 15-WAY JST FIXED (WHITE)  
 AC5 5-WAY JST LOOSE (BLACK)  
 AC6 8-WAY JST LOOSE (BLACK)  
 AC9 3-WAY JST (BLUE)  
 AC10 3-WAY JST (BLACK)  
 AC11 3-WAY JST (BLACK)  
 AC12 3-WAY JST (RED)  
 AC13 3-WAY JST (RED)  
 AC14 BLADE CONNECTOR (WHITE)  
 AC15 BLADE CONNECTOR (WHITE)  
 AC26 6-WAY SUMITOMO (WHITE)  
 AC27 3-WAY JST (WHITE)  
 AC28 6-WAY MULTILOCK 70 (WHITE)  
 AC29 .250 BLADE (WHITE)  
 AC30 .250 BLADE (WHITE)  
 FL3 6-WAY AMP MODU (BLACK)  
 FL4 4-WAY AMP MODU (BLACK)  
 LB32 PM 5 (BROWN)  
 LB57 12-WAY MULTILOCK 40 (BLACK)  
 LB62 PM 5 (BROWN)

### LOCATION / INTERFACE

BEHIND CLIMATE CONTROL PANEL / CLIMATE CONTROL PANEL  
 A/C ECU TOP CONNECTOR  
 A/C ECU MIDDLE CONNECTOR  
 A/C ECU BOTTOM CONNECTOR  
 LEFT OF A/C CASE BY BULKHEAD / LEFT BLOWER MOTOR  
 RIGHT OF A/C CASE BY BULKHEAD / RIGHT BLOWER MOTOR  
 ADJACENT TO A/C ECU / EVAPORATOR TEMPERATURE SENSOR  
 LEFT OF A/C CASE / UPPER FEEDBACK POTENTIOMETER  
 LEFT OF A/C CASE / LOWER FEEDBACK POTENTIOMETER  
 RIGHT OF A/C CASE / LOWER SERVO MOTOR  
 RIGHT OF A/C CASE / UPPER SERVO MOTOR  
 LEFT OF A/C CASE / COOLANT TEMPERATURE SWITCH  
 LEFT OF A/C CASE / COOLANT TEMPERATURE SWITCH  
 RIGHT DASH UNDER PANEL / BLOWN ASPIRATOR AND IN-CAR TEMPERATURE SENSOR  
 PASSENGER'S LOWER AIR REGISTER / IN-CAR TEMPERATURE SENSOR  
 LEFT OF A/C CASE, BELOW / DEFROST SOLENOID  
 RIGHT OF A/C CASE, BELOW / MAIN RECIRCULATION SOLENOID  
 RIGHT OF A/C CASE, BELOW / MAIN RECIRCULATION SOLENOID  
 TOP CENTER OF FASCIA / SOLAR SENSOR  
 RIGHT OF A/C CASE BY A/C ECU / A/C HARNESS TO SOLAR SENSOR  
 LEFT BLOWER MOTOR / BLOWER HIGH SPEED AND ISOLATION RELAY  
 BELOW A/C CASE, RIGHT, NEAR A/C ECU / BULKHEAD HARNESS  
 BEHIND CPU BRACKET / BLOWER MOTOR HIGH SPEED/ISOLATION RELAY

## GROUND

### CODE

### DESCRIPTION

LBG13B WHITE EYELET  
 LBG39C WHITE EYELET  
 LBG84A WHITE EYELET

### LOCATION / INTERFACE

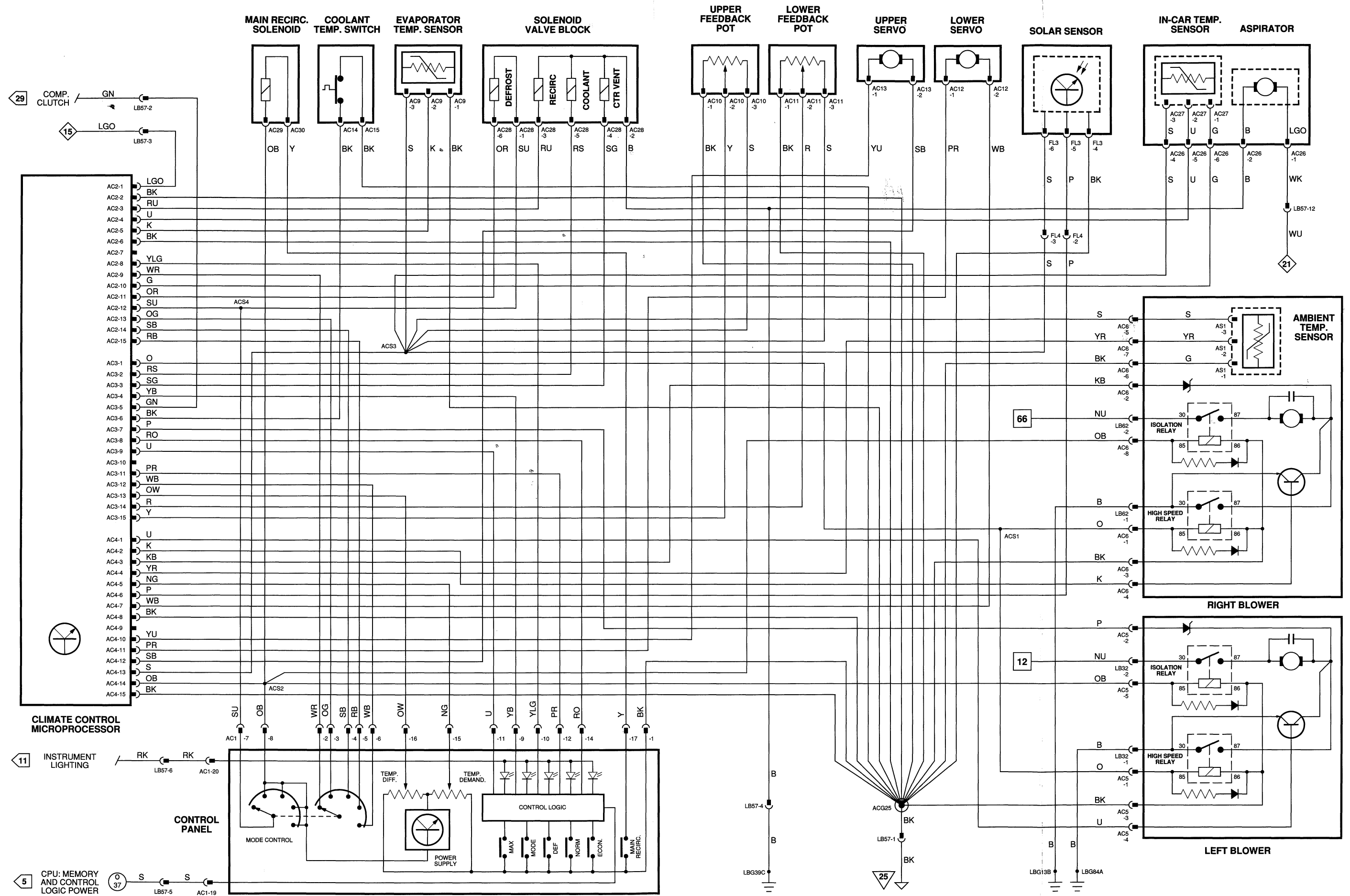
ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND  
 CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND  
 ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND

## INPUTS / OUTPUTS

### CLIMATE CONTROL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC2-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
AC2-2	INPUT	LOGIC GROUND	GROUND	GROUND
AC2-3	OUTPUT	RECIRCULATION FLAP SOLENOID	RECIRC. MAX. PRESSED: 12V	OPEN CIRCUIT
AC2-4	INPUT	IN-CAR TEMPERATURE SENSOR WIPER	SYSTEM ON: 2.73V + 0.1V/°C	SYSTEM OFF: OPEN CIRCUIT
AC2-5	INPUT	EVAPORATOR TEMPERATURE SENSOR WIPER	2.73V @ 0°C	2.93V @ 20°C
AC2-6	INPUT	LOGIC GROUND	GROUND	GROUND
AC2-7	NOT USED			
AC2-8	INPUT	CONTROL PANEL — DEMIST	DEMIST ON: GROUND	DEMIST OFF: 4V
AC2-9	INPUT	CONTROL PANEL — ON INPUT	LOW, MED, HIGH, DEF: 12V	OFF: OPEN CIRCUIT
AC2-10	INPUT	IN-CAR TEMPERATURE SENSOR GROUND	GROUND	GROUND
AC2-11	OUTPUT	DEFROSTER SOLENOID	DEFROST/DEMIST: 12V	GROUND
AC2-12	OUTPUT	DEFROSTER SOLENOID	SYSTEM ON: 12V	SYSTEM OFF: OPEN CIRCUIT
AC2-13	INPUT	CONTROL PANEL — FAN SPEED LOW	LOW: GROUND	MED, HI, DEF: 4V
AC2-14	INPUT	CONTROL PANEL — FAN SPEED MED	MED: GROUND	LOW, HI, DEF: 4V
AC2-15	INPUT	CONTROL PANEL — FAN SPEED HI	HI: GROUND	LOW, MED, DEF: 4V
AC3-1	OUTPUT	HIGH SPEED BLOWER MOTOR RELAYS	12V	OPEN CIRCUIT
AC3-2	OUTPUT	COOLANT VACUUM VALVE SOLENOID	GROUND	12V
AC3-3	OUTPUT	CENTER VENT VACUUM VALVE SOLENOID	12V	OPEN CIRCUIT
AC3-4	INPUT	CONTROL PANEL — MANUAL/AUTO	MANUAL ON: GROUND	MANUAL OFF: 4V
AC3-5	OUTPUT	COMPRESSOR CLUTCH RELAY	12V	OPEN CIRCUIT
AC3-6	INPUT	COOLANT TEMPERATURE SWITCH	ABOVE 104°F (40°C): 5V	BELOW 103°F: GROUND
AC3-7	OUTPUT	LEFT BLOWER MOTOR FEEDBACK (MAN. MODE SELECTED)	LOW: 8V; MED: 5V; HI, DEF: LESS THAN 1V	
AC3-8	INPUT	CONTROL PANEL — ECONOMY (ON) SWITCH	ON: 4V	OFF: GROUND
AC3-9	INPUT	CONTROL PANEL — MAX	MAX ON: GROUND	MAX OFF: 4V
AC3-10	NOT USED			
AC3-11	INPUT	CONTROL PANEL — ON/NORMAL	ON: GROUND	NORMAL: 4V
AC3-12	INPUT	CONTROL PANEL — DEFROST	DEF: GROUND	LOW, MED, HI: 4V
AC3-13	INPUT	CONTROL PANEL — FASCIA SLIDE	COOLER FASCIA VENTS: 2.9V	SAME: 0.03V
AC3-14	INPUT	LOWER FEEDBACK POTENTIOMETER VOLTAGE	FULL COOL: 0.1V; FULL HEAT: 1.1V; DEFROST: 2.9V	
AC3-15	INPUT	UPPER FEEDBACK POTENTIOMETER VOLTAGE	FULL COOL: 0.1V; FULL HEAT: 1.9V; DEFROST: 1.9V	
AC4-1	INPUT	LEFT BLOWER MOTOR POWER TRANSISTOR (MANUAL MODE)	LOW: 1.27V; MED: 1.46V; HI, DEF: 0.9V	
AC4-2	INPUT	RIGHT BLOWER MOTOR POWER TRANSISTOR (MANUAL MODE)	LOW: 1.27V; MED: 1.46V; HI, DEF: 0.9V	
AC4-3	INPUT	RIGHT BLOWER MOTOR FEEDBACK (MANUAL MODE)	LOW: 8V; MED: 5V; HI, DEF: LESS THAN 1V	
AC4-4	INPUT	AMBIENT TEMPERATURE SENSOR WIPER	2.93V 20°C	SYSTEM OFF: 0V
AC4-5	INPUT	CONTROL PANEL TEMPERATURE DEMAND	FULL COOL: 0.06V	FULL HOT: 2.9V
AC4-6	INPUT	SOLAR SENSOR LOAD	MAX. LIGHT: 2.88V	DARK: 0.02V
AC4-7	OUTPUT	LOWER SERVO MOTOR	DRIVE VOLTAGE: 7V	HOLD VOLTAGE: LESS THAN 1V
AC4-8	INPUT	LOGIC GROUND	GROUND	GROUND
AC4-9	NOT USED			
AC4-10	OUTPUT	UPPER SERVO MOTOR	DRIVE VOLTAGE: 7V	HOLD VOLTAGE: LESS THAN 1V
AC4-11	OUTPUT	LOWER SERVO MOTOR	DRIVE VOLTAGE: 7V	HOLD VOLTAGE: LESS THAN 1V
AC4-12	OUTPUT	UPPER SERVO MOTOR	DRIVE VOLTAGE: 7V	HOLD VOLTAGE: LESS THAN 1V
AC4-13	OUTPUT	SENSOR REFERENCE VOLTAGE	5V	5V
AC4-14	INPUT	MAIN RECIRCULATION DEMAND	LOW, MED, HI, DEF: 12V	OFF: OPEN CIRCUIT
AC4-15	INPUT	LOGIC GROUND	GROUND	GROUND





BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 29 DATA

## COMPONENTS

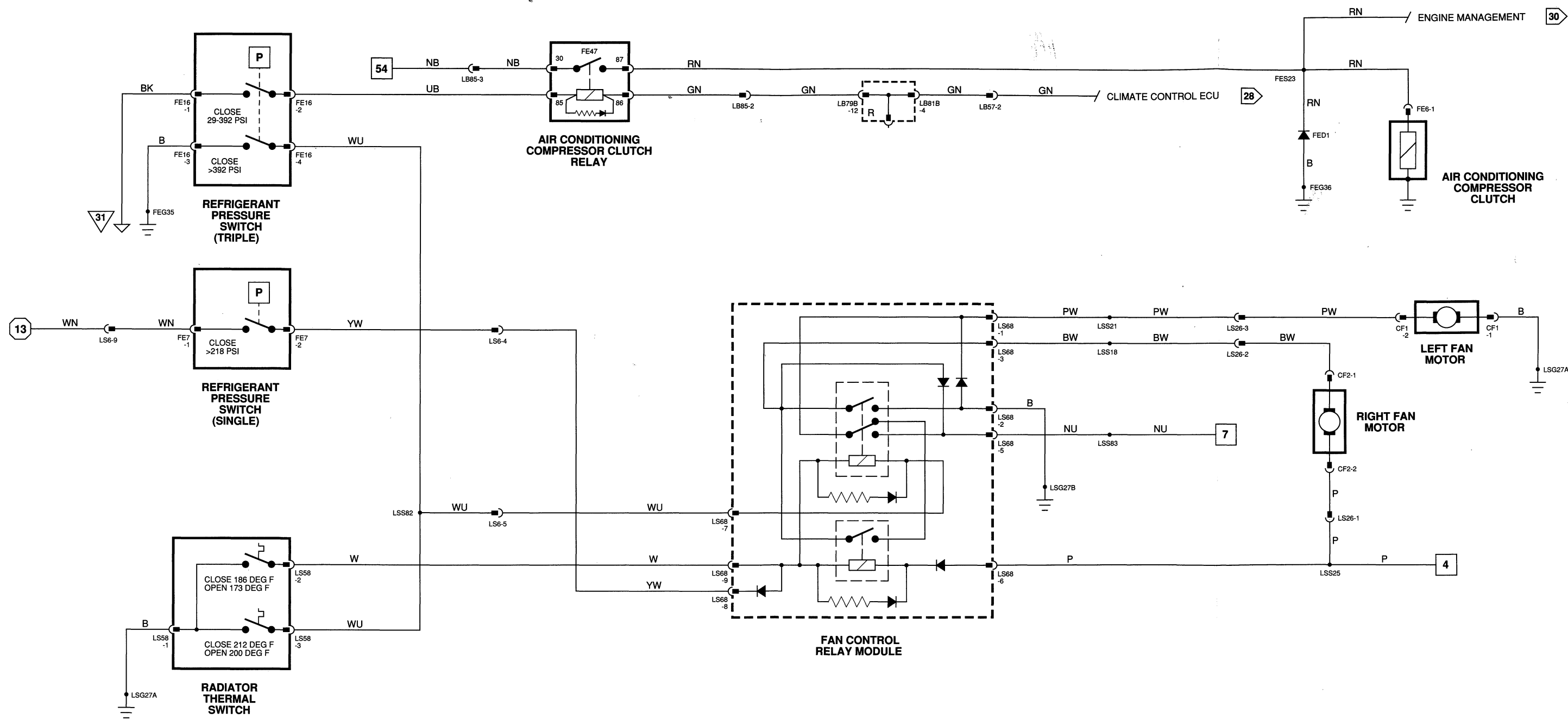
DESCRIPTION	LOCATION	ACCESS
AIR CONDITIONING COMPRESSOR CLUTCH	ENGINE, RIGHT FRONT	ENGINE COMPARTMENT
DIODE — FED1	EXPOSED IN ENGINE MANAGEMENT HARNESS	BEHIND RIGHT AUXILIARY COOLING FAN
FAN MOTOR — LEFT	LEFT BULKHEAD	LEFT DASH UNDER PANEL
FAN MOTOR — RIGHT	RIGHT BULKHEAD	RIGHT DASH UNDER PANEL
RADIATOR THERMAL SWITCH	RADIATOR, LOWER LEFT	ENGINE COMPARTMENT
REFRIGERANT PRESSURE SWITCH (SINGLE)	HIGH PRESSURE REFRIGERANT PUMP	ADJACENT TO ABS PUMP
REFRIGERANT PRESSURE SWITCH (TRIPLE)	HIGH PRESSURE REFRIGERANT PUMP	ADJACENT TO ABS PUMP
RELAY MODULE — FAN CONTROL	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
RELAY — A/C COMPRESSOR CLUTCH (FE47)	RIGHT BLOWER MOTOR RELAY BRACKET	RIGHT DASH UNDER PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CF1	2-WAY REINSHAGEN 630 (BLACK)	ATTACHED TO LEFT COOLING FAN ON RADIATOR / LEFT FAN MOTOR
CF2	2-WAY REINSHAGEN 630 (BLACK)	ATTACHED TO RIGHT COOLING FAN ON RADIATOR / RIGHT FAN MOTOR
FE6	PM 5 (GREEN)	ENGINE, RIGHT, ABOVE A/C COMPRESSOR / A/C COMPRESSOR
FE7	2-WAY ECONOSEAL III LC (BLACK)	RIGHT BULKHEAD, ENGINE COMPARTMENT / REFRIGERANT PRESSURE SWITCH
FE16	4-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO ABS PUMP / REFRIGERANT PRESSURE SWITCH
FE47	RELAY BASE (GREEN)	RIGHT BULKHEAD RELAY PANEL / A/C COMPRESSOR RELAY
LB57	12-WAY MULTILOCK 40 (BLACK)	BELOW A/C CASE, RIGHT, NEAR A/C ECU / BULKHEAD HARNESS
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB85	20-WAY MULTILOCK 70 (WHITE)	RIGHT DASH UNDER PANEL BY 'A' POST / BULKHEAD HARNESS
LS6	13-WAY ECONOSEAL III LC (BLACK)	RIGHT BULKHEAD ADJACENT TO ABS PUMP / RIGHT SIDE HARNESS
LS26	4-WAY ECONOSEAL III LC (BLACK)	BEHIND LF DIRECTIONAL ASSEMBLY / LEFT SIDE HARNESS
LS58	3-WAY LUCAR (BLACK)	BOTTOM LEFT OF RADIATOR / RADIATOR THERMAL SWITCH
LS68	8-WAY STRIEBEL (BLACK)	LEFT FRONT INNER FENDER / FAN CONTROL RELAY MODULE

## GROUND S

CODE	DESCRIPTION	LOCATION / INTERFACE
FEG35	WHITE EYELET	ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND
FEG36	WHITE EYELET	ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND
LSG27A	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND
LSG27B	WHITE EYELET	ENGINE COMPARTMENT, LF, ADJACENT TO CRUISE CONTROL PUMP / GROUND



# FIG 30 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AIR INJECTION PUMP	BELOW AIR FILTER	ENGINE COMPARTMENT
AIR INJECTION SOLENOID VALVE	ABOVE AIR INJECTION PUMP	ENGINE COMPARTMENT
AIR TEMPERATURE SENSOR	AIR INTAKE ELBOW	ENGINE COMPARTMENT
COOLANT TEMPERATURE SENSOR	THERMOSTAT HOUSING — ENGINE	ENGINE COMPARTMENT
CRANKSHAFT SENSOR	FRONT OF CRANKSHAFT	ENGINE COMPARTMENT
DIODE — FED2	EXPOSED IN ENGINE MANAGEMENT HARNESS	ABOVE AIR INJECTION PUMP
DIODE — FED3	EXPOSED IN ENGINE MANAGEMENT HARNESS	INSIDE BULKHEAD SEAL BELOW RIGHT HOOD LATCH
EGR SOLENOID VACUUM VALVE	INTAKE MANIFOLD	BETWEEN INJECTORS 5 & 6
EGR TEMPERATURE SENSOR	BELOW THROTTLE BODY	ENGINE COMPARTMENT
ENGINE CONTROL MODULE	RIGHT UNDER DASH PANEL	RIGHT UNDER DASH PANEL
FUEL INJECTORS	INTAKE MANIFOLD	ENGINE COMPARTMENT
FUEL PUMP	INSIDE FUEL TANK	REMOVE TANK
IDLE SPEED ACTUATOR	BETWEEN INTAKE RUNNERS 2 AND 3	ENGINE COMPARTMENT
IGNITION AMPLIFIER	RIGHT FRONT INNER FENDER	ENGINE COMPARTMENT
IGNITION COIL	RIGHT FRONT INNER FENDER	ENGINE COMPARTMENT
MASS AIR FLOW METER	INTAKE, BEHIND AIR FILTER	ENGINE COMPARTMENT
OXYGEN SENSOR	EXHAUST DOWNPIPE	ENGINE COMPARTMENT
PURGE VALVE	CHARCOAL CANISTER	LEFT FRONT INNER FENDER, LOWER
RELAY — AIR INJECTION (FE34)	RIGHT BULKHEAD RELAY PANEL	ENGINE COMPARTMENT
RELAY — EMS MAIN (FE38)	RIGHT BULKHEAD RELAY PANEL	ENGINE COMPARTMENT
RELAY — FUEL PUMP (RS18)	TRUNK, RIGHT	RIGHT TRUNK TRIM
RELAY — OXYGEN SENSOR HEATER (FE44)	RIGHT BULKHEAD RELAY PANEL	ENGINE COMPARTMENT
RFI PROTECTION MODULE	ABOVE FUEL TANK	FUEL TANK TRIM PANEL
THROTTLE POSITION SENSOR	BELOW THROTTLE BODY	ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
FE1	WHITE EYELET	RF INNER FENDER AT IGNITION COIL / COIL POSITIVE
FE2	WHITE EYELET	RF INNER FENDER AT IGNITION COIL / COIL NEGATIVE
FE3	WHITE EYELET	RF INNER FENDER, FRONT OF IGNITION AMPLIFIER / AMPLIFIER GROUND
FE4	7-WAY LUCAR (BLACK)	RF INNER FENDER AT IGNITION AMPLIFIER / AMPLIFIER
FE5	WHITE EYELET	RF INNER FENDER AT IGNITION COIL STRAP / COIL GROUND
FE9	PM 5 (BLACK)	ABOVE TOP RADIATOR HOSE / CRANKSHAFT SENSOR
FE12	2-WAY LUCAR (BROWN)	MOUNTED ON THERMOSTAT HOUSING NEAR TOP HOSE / COOLANT THERMISTOR
FE14	2-WAY NIPPON DENSO (BLUE)	ABOVE AIR INJECTION PUMP / AIR INJECTION SOLENOID VALVE
FE15	PM 5 (BLACK)	ABOVE AIR INJECTION PUMP / AIR INJECTION PUMP
FE17	2-WAY ECONOSEAL III LC (BLACK)	BELOW AIR INTAKE / EGR TEMPERATURE SENSOR
FE18	2-WAY LUCAR (BLACK)	ON AIR INTAKE, BEHIND MASS AIR FLOW METER / AIR TEMPERATURE SENSOR
FE19	6-WAY SUMITOMO ATTACH. (BLACK)	BELOW CRUISE CONTROL BELLOWS / THROTTLE POSITION SENSOR
FE20	6-WAY LUCAR (BLACK)	ON MASS AIR FLOW METER (MAF) / MAF
FE21	2-WAY LUCAR (SLATE)	ABOVE INLET PORT #1 / INJECTOR #1
FE22	2-WAY LUCAR (SLATE)	ABOVE INLET PORT #2 / INJECTOR #2
FE23	2-WAY LUCAR (SLATE)	ABOVE INLET PORT #3 / INJECTOR #3
FE24	4-WAY PACKARD (BLACK)	BETWEEN CYLINDERS 2 AND 3 / IDLE SPEED ACTUATOR
FE25	2-WAY LUCAR (SLATE)	ABOVE INLET PORT #4 / INJECTOR #4
FE26	2-WAY LUCAR (BLACK)	BELOW HEATED BREATHER / INTAKE HEATED BREATHER
FE27	2-WAY LUCAR (SLATE)	ABOVE INLET PORT #5 / INJECTOR #5
FE30	2-WAY NIPPON DENSO (BLUE)	REAR OF #6 INLET PORT, BELOW WIPER MOTOR / EGR SOLENOID
FE31	2-WAY LUCAR (BLACK)	ADJACENT TO DIPSTICK / OXYGEN SENSOR
FE32	.250 BLADE (WHITE)	ADJACENT TO DIPSTICK / OXYGEN SENSOR
FE34	RELAY BASE (RED)	RIGHT BULKHEAD RELAY PANEL / AIR INJECTION RELAY
FE38	RELAY BASE (BLACK)	RIGHT BULKHEAD RELAY PANEL / EMS MAIN RELAY
FE40	25-WAY ECM (BLUE)	RIGHT DASH UNDER PANEL / ECM HIGH POWER BOARD
FE41	25-WAY ECM (YELLOW)	RIGHT DASH UNDER PANEL / ECM LOW POWER BOARD
FE44	RELAY BASE (YELLOW)	RIGHT BULKHEAD RELAY PANEL / OXYGEN SENSOR HEATER RELAY
FE46	2-WAY LUCAR (BLACK)	LF INNER FENDER NEAR WHEEL ARCH / PURGE CONTROL VALVE
FP1	2-WAY ECONOSEAL III HC (BLACK)	RFI MODULE, TOP OF FUEL TANK / FUEL PUMP HARNESS
LB11	20-WAY MULTILOCK 40 (BLUE)	REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS
LB65	2-WAY MULTILOCK 40 (BLACK)	BEHIND INSPECTION PANEL IN GLOVE BOX / BULKHEAD HARNESS
LB66	20-WAY AMP PCB POWER (BLACK)	MOUNTING BRACKET UNDER GLOVE BOX / BULKHEAD HARNESS
LB85	20-WAY MULTILOCK 70 (WHITE)	RIGHT DASH UNDER PANEL BY 'A' POST / BULKHEAD HARNESS
LB86	4-WAY ECONOSEAL III HC (BLACK)	RIGHT DASH UNDER PANEL / BULKHEAD HARNESS
LB88	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD TO RF HARNESS
LS6	13-WAY ECONOSEAL III LC (BLACK)	RIGHT BULKHEAD ADJACENT TO ABS PUMP / RIGHT SIDE HARNESS
RS15	2-WAY ECONOSEAL III HC (BLACK)	RIGHT OF FUEL TANK, ABOVE BATTERY / FUEL PUMP RFI MODULE
RS18	RELAY BASE (BLACK)	ABOVE RR BULB FAIL MODULE / FUEL PUMP RELAY

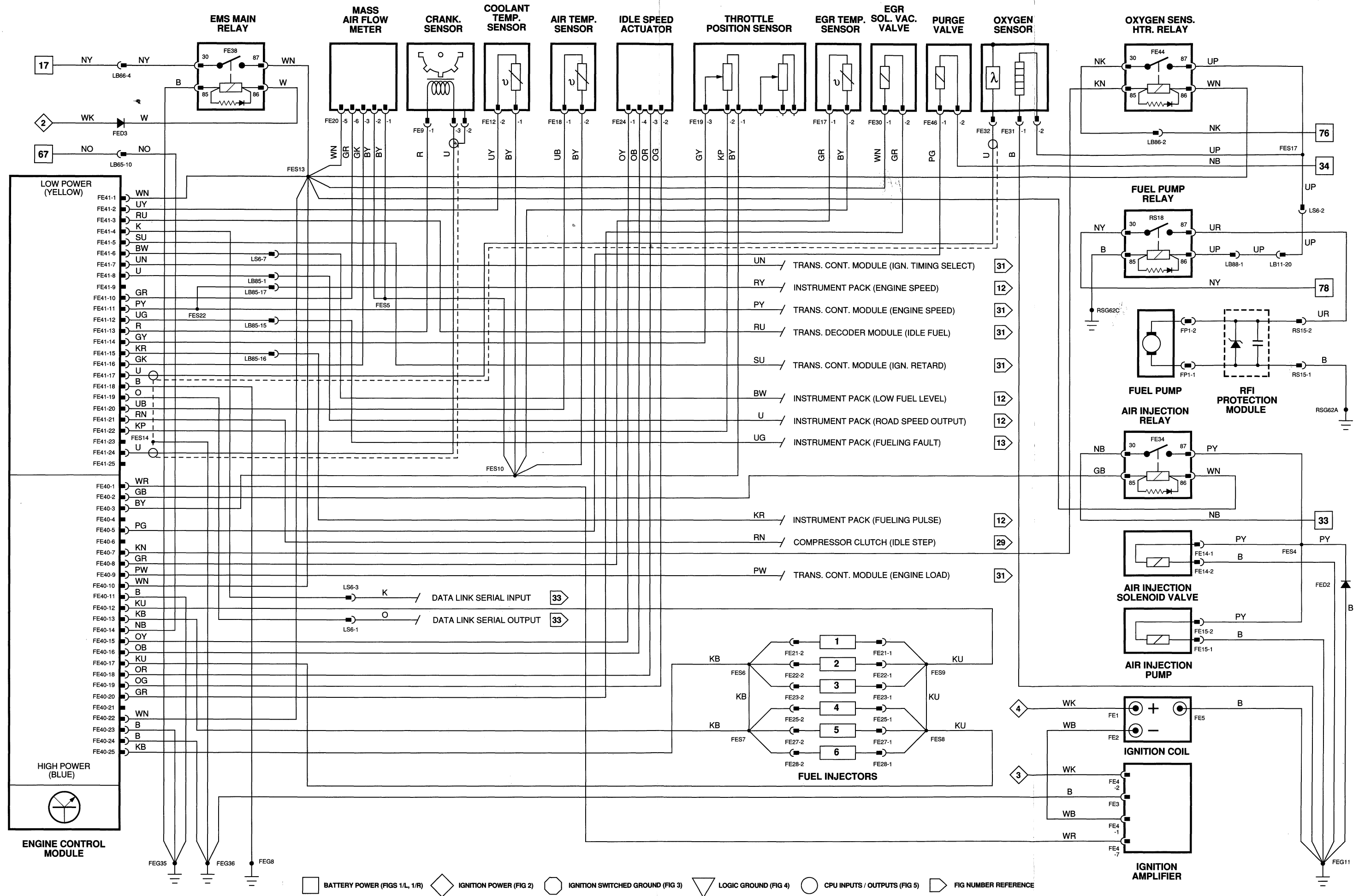
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
FE68	WHITE EYELET	ENGINE COMPARTMENT AT #3 INTAKE RUNNER / GROUND
FE611	WHITE EYELET	ENGINE COMPARTMENT AT #1 INTAKE RUNNER / GROUND
FE635	WHITE EYELET	ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND
FE636	WHITE EYELET	ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND
RSG62A	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

ENGINE CONTROL MODULE					
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE	
FE40-1	OUTPUT	IGNITION AMPLIFIER DRIVE (SPEED SIGNAL)	PULSED DRIVE: 0.5V CRANKING; APPROX 0.6V AT 800 RPM; 1.3V AT 2000 RPM		
FE40-2	OUTPUT	AIR INJECTION PUMP RELAY	GROUND	12V	
FE40-3	OUTPUT	AIR MASS METER / SENSOR GROUNDS	GROUND	GROUND	
FE40-4	NOT USED				
FE40-5	OUTPUT	PURGE VALVE CONTROL — CHARCOAL CANISTER	GROUND	12V	
FE40-6	NOT USED				
FE40-7	OUTPUT	OXYGEN SENSOR HEATER RELAY	GROUND	12V	
FE40-8	INPUT	EGR TEMPERATURE SENSOR	2000 RPM, EGR VALVE CLOSED: 4.9V	2000 RPM, VALVE OPEN: VOLTAGE DROPS	
FE40-9	OUTPUT	ENGINE LOAD PULSE TO TRANSMISSION CONTROL MODULE	PULSED SIGNAL	0V	
FE40-10	INPUT	IGNITION / EMS MAIN RELAY	KEY ON: 12V	KEY OFF: OPEN CIRCUIT	
FE40-11	INPUT	POWER GROUND	GROUND	GROUND	
FE40-12	OUTPUT	INJECTOR SUPPLY	BATTERY VOLTAGE	KEY OFF: OPEN CIRCUIT	
FE40-13	OUTPUT	INJECTOR DRIVE	PULSED SIGNAL (2.6 MS IDLE)	KEY OFF: OPEN CIRCUIT	
FE40-14	INPUT	BATTERY POWER	12V	12V	
FE40-15	OUTPUT	IDLE SPEED ACTUATOR	STEPPER MOVING: 12V	NOT MOVING: GROUND	
FE40-16	OUTPUT	IDLE SPEED ACTUATOR	STEPPER MOVING: 12V	NOT MOVING: GROUND	
FE40-17	OUTPUT	INJECTOR SUPPLY	BATTERY VOLTAGE	KEY OFF: OPEN CIRCUIT	
FE40-18	OUTPUT	IDLE SPEED ACTUATOR	STEPPER MOVING: 12V	NOT MOVING: GROUND	
FE40-19	OUTPUT	IDLE SPEED ACTUATOR	STEPPER MOVING: 12V	NOT MOVING: GROUND	
FE40-20	OUTPUT	EGR SOLENOID VACUUM VALVE	GROUND	12V	

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# FIG 31 DATA

## COMPONENTS

### DESCRIPTION

DECODER MODULE  
GEAR POSITION INDICATOR MODULE  
KICKDOWN SWITCH  
MODE SWITCH  
RELAY — TRANSMISSION (FE50)  
ROTARY SWITCH  
THROTTLE POSITION SENSOR  
TRANSMISSION CONTROL MODULE

### LOCATION

RIGHT OF 'J' GATE  
'J' GATE  
BEHIND ACCELERATOR PEDAL  
CENTER CONSOLE, BEHIND 'J' GATE  
RIGHT BULKHEAD RELAY PANEL  
TRANSMISSION, LEFT SIDE  
BELOW THROTTLE BODY  
RIGHT DASH UNDER PANEL

### ACCESS

CENTER CONSOLE WOOD TRIM  
CENTER CONSOLE TRIM  
—  
CENTER CONSOLE  
ENGINE COMPARTMENT  
—  
ENGINE COMPARTMENT  
RIGHT DASH UNDER PANEL

## CONNECTORS

### CODE DESCRIPTION

FE19 6-WAY SUMITOMO ATTACH. (BLACK)  
FE42 12-WAY MULTILOCK 70 (WHITE)  
GB1 4-WAY MULTILOCK 70 (WHITE)  
GB2 12-WAY MULTILOCK 40 (BLACK)  
GB5 55-WAY AMP (BLACK)  
GB6 26-WAY AMP (BLUE)  
GB7 12-WAY MULTILOCK 40 (BLACK)  
GB8 8-WAY ZF (BLACK)  
LB46 13-WAY AMP MK4 (BLACK)  
LB55 20-WAY MULTILOCK 40 (BLACK)  
LB79A 12-WAY MULTILOCK 40 (BLACK)  
LB79B 16-WAY MULTILOCK 40 (BLACK)  
LB80A 12-WAY MULTILOCK 40 (GREEN)  
LB80B 16-WAY MULTILOCK 40 (GREEN)  
LB81A 12-WAY MULTILOCK 40 (BLUE)  
LB81B 16-WAY MULTILOCK 40 (BLUE)  
LB85 20-WAY MULTILOCK 70 (WHITE)  
LB94 6-WAY MULTILOCK 40 (BLACK)  
LB100 PM 5 (PURPLE)

### LOCATION / INTERFACE

BELOW CRUISE CONTROL BELLOWS / THROTTLE POSITION SENSOR  
RIGHT DASH UNDER PANEL BY CENTER CONSOLE / TRANSMISSION CONTROL MODULE TO ECM  
LEFT OF CENTER FUSE PANEL, BELOW ASHTRAY / TRANSMISSION HARNESS  
BENEATH CENTER CONSOLE, RIGHT OF 'J' GATE / GEAR POSITION INDICATOR MODULE  
RIGHT DASH UNDER PANEL ON TRANS. CONTROL MODULE / TRANSMISSION CONTROL MODULE  
BENEATH CENTER CONSOLE, RIGHT OF 'J' GATE / DECODER MODULE  
LEFT OF CENTER FUSE PANEL, BELOW ASHTRAY / TRANSMISSION HARNESS  
LEFT OF GEARBOX ON CASE / GEARBOX SOLENOIDS AND SPEED SENSOR  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
CENTER CONSOLE, FRONT OF GEARSHIFT / BULKHEAD HARNESS  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT DASH UNDER PANEL BY 'A' POST / BULKHEAD HARNESS  
CENTER CONSOLE, REAR OF GEARSHIFT / GEAR BOX MODE SWITCH  
DRIVER'S FOOTWELL, BENEATH CARPET / KICKDOWN SWITCH

## GROUND

### CODE DESCRIPTION

FEG35 WHITE EYELET  
FEG36 WHITE EYELET  
GBG4 WHITE EYELET  
LBG39A WHITE EYELET

### LOCATION / INTERFACE

ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND  
ENGINE COMPARTMENT BULKHEAD BEHIND CYLINDER HEAD / GROUND  
CENTER CONSOLE GROUND STUD, BEHIND 'J' GATE / GROUND  
CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND

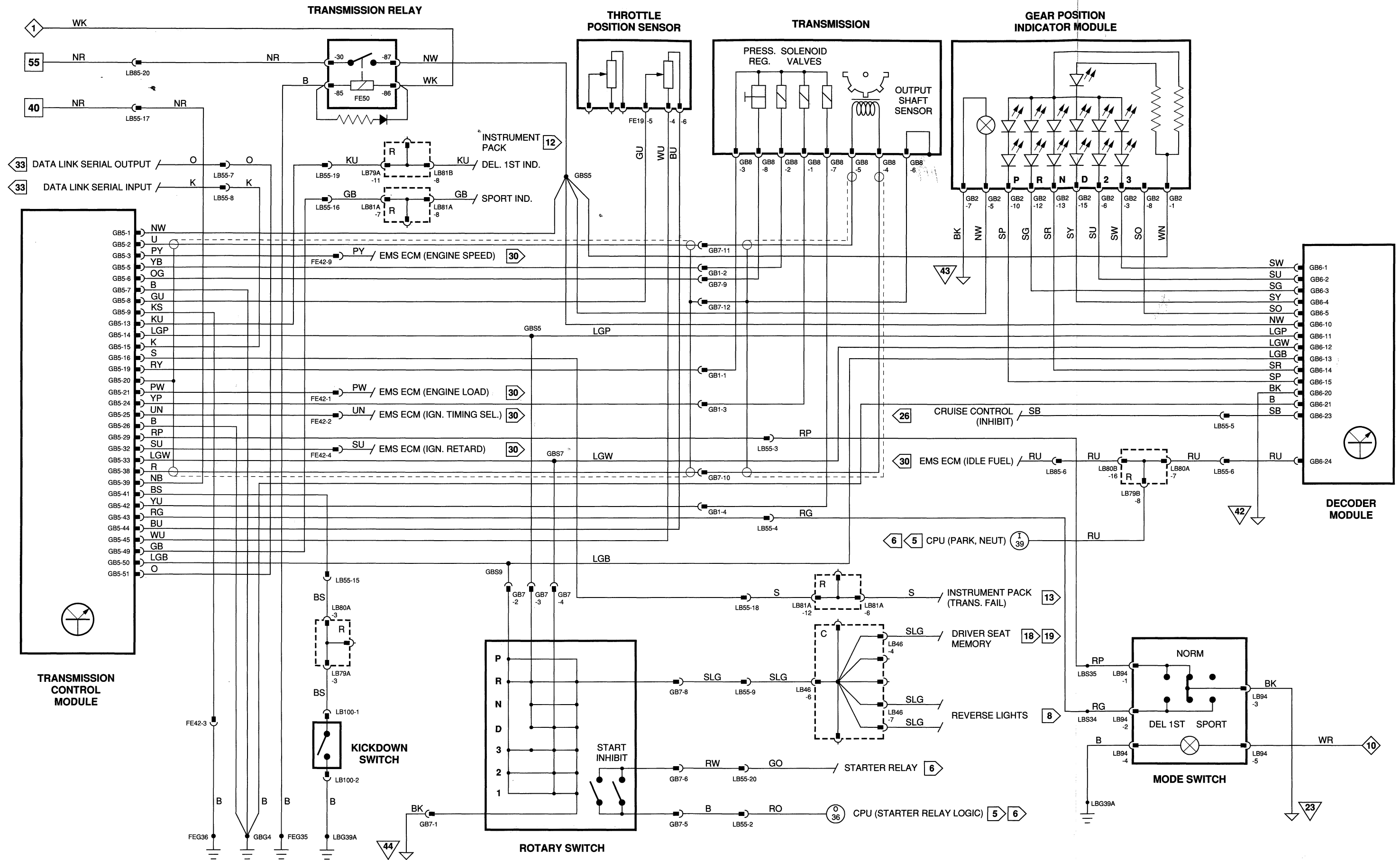
## INPUTS / OUTPUTS

### TRANSMISSION CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GB5-1	INPUT	TRANSMISSION RELAY	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
GB5-2	INPUT	OUTPUT SHAFT SPEED SENSOR	0 MPH: 12 mV AC; 10 MPH: 2.3V AC; 30 MPH: 6.5V AC	OV
GB5-3	INPUT	ENGINE SPEED SIGNAL	PULSED VOLTAGE	P, R, N, 1, 4: 12V
GB5-5	OUTPUT	SOLENOID VALVE #1 (mV 1)	2, 3: GROUND	12V
GB5-6	OUTPUT	PRESSURE REGULATOR SOLENOID	GROUND	GROUND
GB5-7	INPUT	POWER GROUND	MINIMUM: 0.58 – 0.62V IDLE	MAXIMUM: 4.9V W.O.T.
GB5-8	INPUT	THROTTLE POSITION SENSOR WIPER	GROUND	GROUND
GB5-9	INPUT	POWER GROUND	DELETE FIRST: GROUND	SPORT, NORMAL: 12V
GB5-13	OUTPUT	INSTRUMENT PACK — FIRST GEAR DELETE	R: GROUND	P, N, D, 3, 2: OPEN CIRCUIT
GB5-14	INPUT	GEAR POSITION SELECTOR	JDS	—
GB5-15	INPUT	SERIAL COMMUNICATIONS DATA LINK	LIGHT ON: 12V	LIGHT OFF: OPEN CIRCUIT
GB5-16	OUTPUT	INSTRUMENT PACK — TRANSMISSION FAILURE	12V	OPEN CIRCUIT
GB5-19	OUTPUT	TRANSMISSION SOLENOIDS	GROUND	GROUND
GB5-20	OUTPUT	SHIELD — OUTPUT SHAFT SENSOR	GROUND	DECREASES WITH ENGINE LOAD
GB5-21	INPUT	ENGINE CONTROL MODULE — ENGINE LOAD	BATTERY VOLTAGE	3, 4: 12V
GB5-24	OUTPUT	SOLENOID VALVE #2 (MV 2)	P, N, D, 1, 2: GROUND	KEY OFF: OPEN CIRCUIT
GB5-25	INPUT	ENGINE CONTROL MODULE — IGNITION TIMING SELECT	ENGINE RUNNING: 12V	GROUND
GB5-26	INPUT	POWER GROUND	GROUND	DELETE FIRST: 12V
GB5-29	INPUT	TRANSMISSION MODE SWITCH — NORMAL	SPORT, NORMAL: GROUND	KEY OFF: OPEN CIRCUIT
GB5-32	OUTPUT	ENGINE CONTROL MODULE — IGNITION RETARD	ENGINE RUNNING: 12V	P, R, N, 3, 2: OPEN CIRCUIT
GB5-33	INPUT	GEAR POSITION SELECTOR	D RANGE: GROUND	GROUND
GB5-38	INPUT	OUTPUT SHAFT SPEED SENSOR GROUND	GROUND	GROUND
GB5-39	INPUT	BATTERY POWER	12V	12V
GB5-41	INPUT	FULL THROTTLE KICKDOWN SWITCH	KICKDOWN: GROUND	12V
GB5-42	OUTPUT	LOCK-UP SOLENOID VALVE #3 (MV 3)	LOCK UP: GROUND	12V
GB5-43	INPUT	TRANSMISSION MODE SWITCH — DELETE FIRST GEAR	DELETE FIRST: GROUND	SPORT, NORMAL: 12V
GB5-44	INPUT	THROTTLE POSITION SENSOR GROUND	GROUND	OPEN CIRCUIT
GB5-45	OUTPUT	THROTTLE POSITION SENSOR POWER	5V	OV
GB5-49	OUTPUT	SPORT INDICATOR — INSTRUMENT PACK	SPORT: 12V	NORMAL, DELETE FIRST: 12V
GB5-50	INPUT	GEAR POSITION SELECT 'P'	P, R, 3, 2: GROUND	D, N: 12V
GB5-51	OUTPUT	SERIAL COMMUNICATIONS DATA LINK	JDS	—

### DECODER MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GB6-1	OUTPUT	GEAR POSITION '3'	GROUND	OPEN CIRCUIT
GB6-2	OUTPUT	GEAR POSITION '2'	GROUND	OPEN CIRCUIT
GB6-3	OUTPUT	GEAR POSITION 'R'	GROUND	OPEN CIRCUIT
GB6-4	OUTPUT	GEAR POSITION 'D'	GROUND	OPEN CIRCUIT
GB6-5	NOT USED			
GB6-10	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
GB6-11	INPUT	GEAR SELECTOR POSITION 'R'	R: GROUND	P, N, D, 3, 2: OPEN CIRCUIT
GB6-12	INPUT	GEAR SELECTOR POSITION 'D'	D: GROUND	OPEN CIRCUIT
GB6-13	INPUT	GEAR SELECTOR POSITION 'P'	P: GROUND	P, R, N, 3, 2: OPEN CIRCUIT
GB6-14	OUTPUT	GEAR SELECTOR 'NEUTRAL' ILLUMINATION	N: GROUND	P, R, D, 3, 2: OPEN CIRCUIT
GB6-15	INPUT	GEAR SELECTOR 'PARK' ILLUMINATION	P: GROUND	R, N, D, 3, 2: OPEN CIRCUIT
GB6-20	INPUT	LOGIC GROUND	GROUND	GROUND
GB6-21	INPUT	POWER GROUND	GROUND	GROUND
GB6-23	OUTPUT	CRUISE CONTROL INHIBIT	D, 3, 2: GROUND	P, R, N: OPEN CIRCUIT
GB6-24	OUTPUT	ENGINE LOAD TO ECM	P, N: GROUND	R, D, 3, 2: 5V



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 32 DATA

## COMPONENTS

### DESCRIPTION

DOOR LOCK SWITCH — DRIVER  
DOOR LOCK SWITCH — PASSENGER  
DOOR SWITCH — DRIVER  
DOOR SWITCH — PASSENGER  
HOOD SWITCH  
INCLINATION SENSOR  
INTRUSION ECU  
INTRUSION SENSOR — LEFT  
INTRUSION SENSOR — RIGHT  
SECURITY ANTENNA  
SECURITY LED  
SECURITY SOUNDER  
SECURITY SWITCH  
SECURITY SYSTEM ECU  
SHOCK SENSOR  
TRUNK SWITCH

### LOCATION

DRIVER'S DOOR  
PASSENGER'S DOOR  
DRIVER'S DOOR LATCH  
PASSENGER'S DOOR LATCH  
ABOVE LEFT HEADLIGHT  
LEFT REAR WHEEL ARCH  
FLOOR, FRONT OF DRIVER'S SEAT  
LEFT 'BC' POST  
RIGHT 'BC' POST  
REAR WINDOW GLASS  
CENTER OF FASCIA  
LEFT FRONT INNER FENDER  
CENTER CONSOLE GLOVE BOX  
LEFT REAR WHEEL ARCH  
LEFT REAR WHEEL ARCH  
RIGHT TRUNK HINGE

### ACCESS

DRIVER'S DOOR CASING  
PASSENGER'S DOOR CASING  
DRIVER'S DOOR CASING  
PASSENGER'S DOOR CASING  
ENGINE COMPARTMENT  
LEFT TRUNK TRIM  
FLOOR PANEL CARPET  
HEADLINER  
HEADLINER  
—  
—  
ENGINE COMPARTMENT  
—  
LEFT TRUNK TRIM  
LEFT TRUNK TRIM  
ABOVE FUEL TANK TRIM

## CONNECTORS

### CODE

### DESCRIPTION

CL3 4-WAY MULTILOCK 40 (BLACK)  
DD3 6-WAY ECONOSEAL III LC (BLACK)  
DD4 4-WAY ECONOSEAL III LC (BLACK)  
FL3 6-WAY AMP MODU (BLACK)  
LB11 20-WAY MULTILOCK 40 (BLUE)  
LB12 20-WAY MULTILOCK 40 (BLACK)  
LB14 20-WAY MULTILOCK 40 (GREEN)  
LB17 20-WAY MULTILOCK 40 (BLACK)  
LB45 6-WAY MULTILOCK 70 (WHITE)  
LB46 13-WAY AMP MK4 (BLACK)  
LB48 13-WAY AMP MK4 (BROWN)  
LB50 20-WAY MULTILOCK 40 (BLACK)  
LB51 12-WAY MULTILOCK 70 (WHITE)  
LB52 12-WAY MULTILOCK 70 (BLACK)  
LB79B 16-WAY MULTILOCK 40 (BLACK)  
LB80A 12-WAY MULTILOCK 40 (GREEN)  
LB80B 16-WAY MULTILOCK 40 (GREEN)  
LB81A 12-WAY MULTILOCK 40 (BLUE)  
LB82 20-WAY MULTILOCK 40 (BLACK)  
LB96 4-WAY AMP LEAF (BLACK)  
LB97 4-WAY AMP LEAF (BLACK)  
LB98 12-WAY MULTILOCK 40 (BLUE)  
LS10 PM 5 (BLACK)  
LS16 PM 5 (GREEN)  
LS18 .250 BLADE (BLACK)  
LS43 20-WAY MULTILOCK 40 (BLACK)  
LS44 12-WAY MULTILOCK 40 (BLACK)  
LS45 16-WAY MULTILOCK 40 (BLACK)  
LS48 6-WAY AMP CS 25 (ORANGE)  
LS62 3-WAY MULTILOCK 70 (WHITE)  
PD3 6-WAY ECONOSEAL III LC (BLACK)  
PD4 4-WAY ECONOSEAL III LC (BLACK)  
RS52 GROTE AND HARTMAN (BLACK)

### LOCATION / INTERFACE

CENTER CONSOLE, REAR, BEHIND END PANEL / SECURITY VALET SWITCH  
DRIVER'S DOOR, BEHIND PUDDLE LIGHT / DRIVER'S DOOR LOCK MOTOR  
DRIVER'S DOOR, BOTTOM REAR / DRIVER'S DOOR SWITCH  
MOUNTED TOP/CENTER OF FASCIA / SECURITY LED  
REAR FACE OF LEFT BLOWER, UNDER FASCIA / BULKHEAD TO LF HARNESS  
LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS  
LEFT 'A' POST BOX SECTION / BULKHEAD HARNESS  
DRIVER SEAT AND MIRRORS ECU BRACKET / INTRUSION ECU  
CENTER CONSOLE, BELOW ASHTRAY / SECURITY SYSTEM VALET SWITCH  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
CENTER CONSOLE, BELOW FUSE PANEL / CENTER FUSE PANEL  
BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS  
BENEATH RIGHT REAR SEAT BOX SECTION / REAR HARNESS  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX  
RIGHT 'A' POST BOX SECTION / BULKHEAD HARNESS  
DRIVER'S 'B/C' POST BEHIND HEADLINER / LEFT INTRUSION SENSOR  
PASSENGER'S 'B/C' POST BEHIND HEADLINER / RIGHT INTRUSION SENSOR  
ADJACENT TO A/C ECU, RIGHT / BULKHEAD HARNESS  
ADJACENT TO LF BULB FAIL MODULE / HOOD OPEN SWITCH  
UNDER AIR CLEANER BY LF BULB FAIL MODULE / SECURITY SIREN  
BEHIND LR 'E' POST READING LIGHT / SECURITY ANTENNA  
LR WHEEL ARCH, BELOW FUEL FILLER FLAP / SECURITY ECU  
LR WHEEL ARCH, BELOW FUEL FILLER FLAP / SECURITY ECU  
TRUNK, LEFT, BEHIND ABS ECU / SECURITY ECU  
TRUNK, LEFT, ON ABS ECU MOUNTING BRACKET / INCLINATION SENSOR  
TRUNK, LEFT, BY ABS ECU MOUNTING BRACKET / SHOCK SENSOR  
PASSENGER'S DOOR, BEHIND PUDDLE LIGHT / PASSENGER'S DOOR LOCK MOTOR  
PASSENGER'S DOOR, BOTTOM REAR / PASSENGER'S DOOR SWITCH  
BEHIND TRUNK LID TRIM PANEL / TRUNK MICRO SWITCH

## GROUND

### CODE

### DESCRIPTION

HBG2 WHITE EYELET  
LBG13B WHITE EYELET  
LSG54B WHITE EYELET

### LOCATION / INTERFACE

LEFT 'E' POST TRIM BEHIND READING LIGHT / GROUND  
ABOVE LEFT FUSE PANEL ON 'A' POST / GROUND  
TRUNK, LEFT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

### SECURITY SYSTEM ECU

### CODE

### IN / OUT

### CIRCUIT

### ACTIVE

### INACTIVE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LS43-1	INPUT	TRUNK SWITCH	TRUNK OPEN: GROUND	TRUNK CLOSED: 5V
LS43-2	INPUT	HOOD SWITCH	HOOD OPEN: GROUND	HOOD CLOSED: 5V
LS43-3	INPUT	DRIVER'S DOOR SWITCH	DRIVER'S DOOR OPEN: GROUND	DOOR CLOSED: 5V
LS43-4	INPUT	PASSENGER'S DOOR SWITCH	PASSENGER'S DOOR OPEN: GROUND	DOOR CLOSED: 5V
LS43-5	INPUT	VALET SWITCH	SWITCH OFF: GROUND	SWITCH ON: 5V
LS43-8	INPUT	DRIVER'S / PASSENGER'S DOOR LOCK SWITCH	UNLOCKED: GROUND	LOCKED: 5V
LS43-9	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LS43-11	OUTPUT	INTRUSION SENSOR	SYSTEM UNARMED: 5V	SYSTEM ARMED: 5V
LS43-19	OUTPUT	ALARM ANTENNA SHIELD	GROUND	GROUND
LS43-20	INPUT	ALARM ANTENNA	TRANSMITTER SIGNAL	
LS44-1	OUTPUT	INTRUSION SENSOR	LOCK CYCLE: PULSES TO GROUND	UNLOCK CYCLE: PULSES TO 12V
LS44-2	OUTPUT	LOCK / UNLOCK SIGNAL TO CPU	LOCK / UNLOCK CYCLE: PULSE TO GROUND	5V
LS44-4	OUTPUT	TURN SIGNAL FLASH / CPU FLASH	PULSED SIGNAL	5V
LS44-5	NOT USED			
LS44-6	OUTPUT	HEADLIGHT	ON: GROUND	OFF: 12V
LS44-7	OUTPUT	TRUNK RELEASE	RELEASE: GROUND	12V
LS44-8	OUTPUT	SOUND HORN	HORN ON: GROUND	HORN OFF: 12V
LS44-9	OUTPUT	SECURITY L.E.D.	L.E.D. ON: 3.6V	L.E.D. OFF: 0.8V
LS44-12	OUTPUT	SIDELIGHT FLASH	FLASH: PULSE TO GROUND	12V
LS45-1	INPUT	BATTERY POWER	12V	12V
LS45-2	INPUT	POWER GROUND	GROUND	GROUND
LS45-3	INPUT	LOGIC GROUND	GROUND	GROUND
LS45-4	INPUT	SERIAL COMMUNICATIONS DATA LINK	JDS	—
LS45-5	OUTPUT	SERIAL COMMUNICATIONS DATA LINK	JDS	—
LS45-6	OUTPUT	SECURITY SOUNDER	PULSED VOLTAGE	OPEN CIRCUIT
LS45-7	OUTPUT	SECURITY SOUNDER	PULSED VOLTAGE	OPEN CIRCUIT
LS45-8	OUTPUT	SHOCK SENSOR	PULSE TO GROUND	5V
LS45-16	OUTPUT	SHOCK SENSOR	PULSE TO GROUND	5V

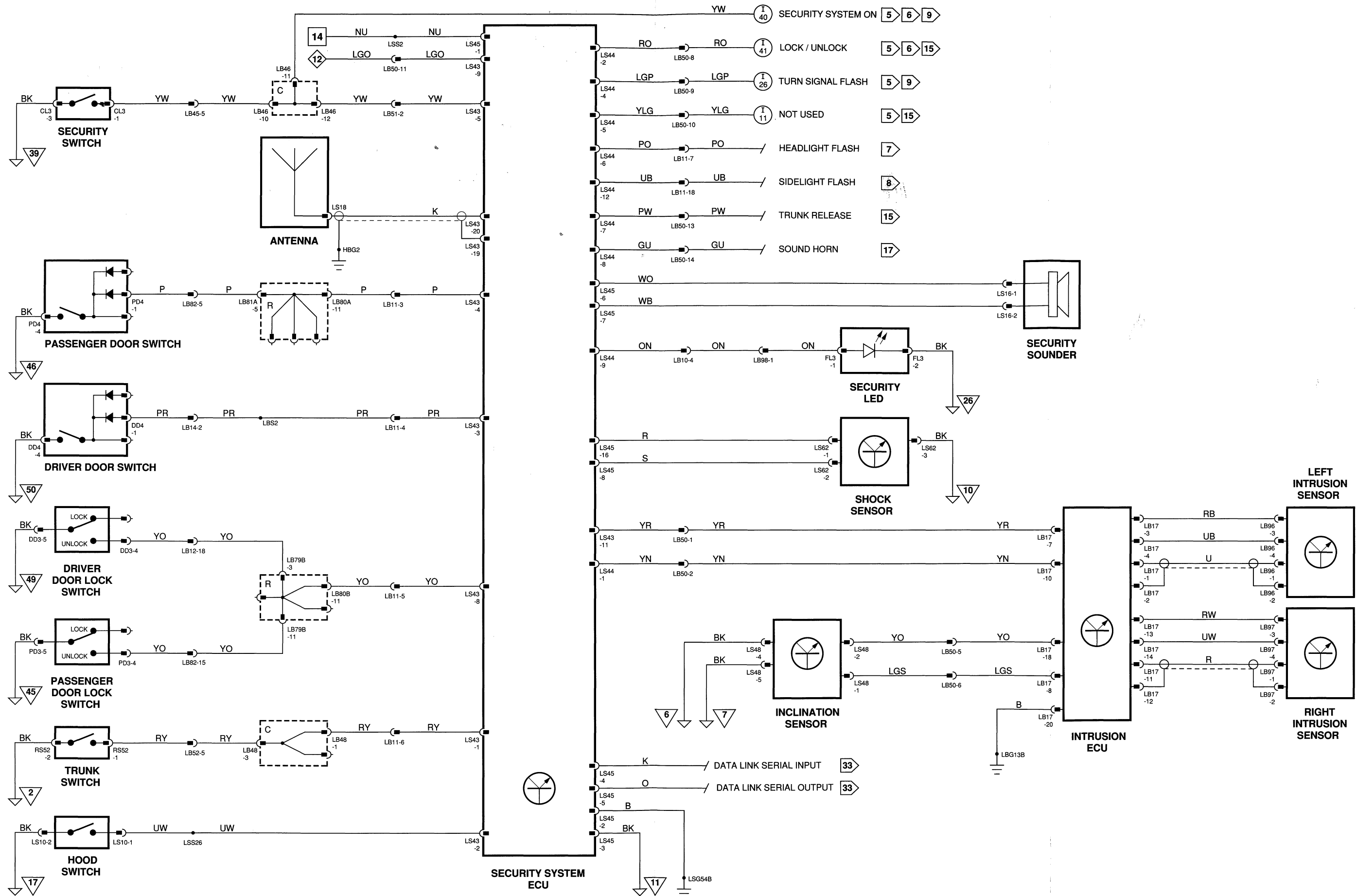
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## INPUTS / OUTPUTS (CONTINUED)

### INTRUSION ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB17-1	INPUT	INTRUSION SENSOR	PULSE TO GROUND	OPEN CIRCUIT
LB17-2	OUTPUT	SHIELD — LEFT INTRUSION SENSOR	GROUND	GROUND
LB17-3	INPUT	LEFT INTRUSION SENSOR	PULSED SIGNAL	OPEN CIRCUIT
LB17-4	INPUT	LEFT INTRUSION SENSOR	PULSED SIGNAL	OPEN CIRCUIT
LB17-7	OUTPUT	LEFT INTRUSION SENSOR	ARMED: 5V	UNARMED: 5V
LB17-8	INPUT	INCLINATION SENSOR	GROUND	PULSE TO 12V WHEN UNLOCKED
LB17-10	OUTPUT	INTRUSION ECU	ARMED: GROUND	PULSE TO 12V WHEN UNLOCKED
LB17-11	INPUT	RIGHT INTRUSION SENSOR	PULSE TO GROUND	OPEN CIRCUIT
LB17-12	OUTPUT	SHIELD — RIGHT INTRUSION SENSOR	PULSE TO GROUND	GROUND
LB17-13	INPUT	RIGHT INTRUSION SENSOR	PULSE TO GROUND	OPEN CIRCUIT
LB17-14	INPUT	RIGHT INTRUSION SENSOR	PULSE TO GROUND	OPEN CIRCUIT
LB17-18	INPUT	INCLINATION SENSOR	GROUND	PULSES TO 12V WHEN UNLOCKED
LB17-20	INPUT	POWER GROUND	GROUND	GROUND



BATTERY POWER (FIGS 1/L, 1/R)
  IGNITION POWER (FIG 2)
  IGNITION SWITCHED GROUND (FIG 3)
  LOGIC GROUND (FIG 4)
  CPU INPUTS / OUTPUTS (FIG 5)
  FIG NUMBER REFERENCE

# FIG 33 DATA

## COMPONENTS

### DESCRIPTION

CENTRAL MICROPROCESSOR  
ENGINE CONTROL MODULE  
INSTRUMENT PACK  
SEAT ECU — DRIVER  
SECURITY SYSTEM ECU  
TRANSMISSION CONTROL MODULE

### LOCATION

BEHIND GLOVE BOX  
RIGHT UNDER DASH PANEL  
DRIVER'S SIDE FASCIA  
FLOOR, FRONT OF DRIVER'S SEAT  
LEFT REAR WHEEL ARCH  
RIGHT DASH UNDER PANEL

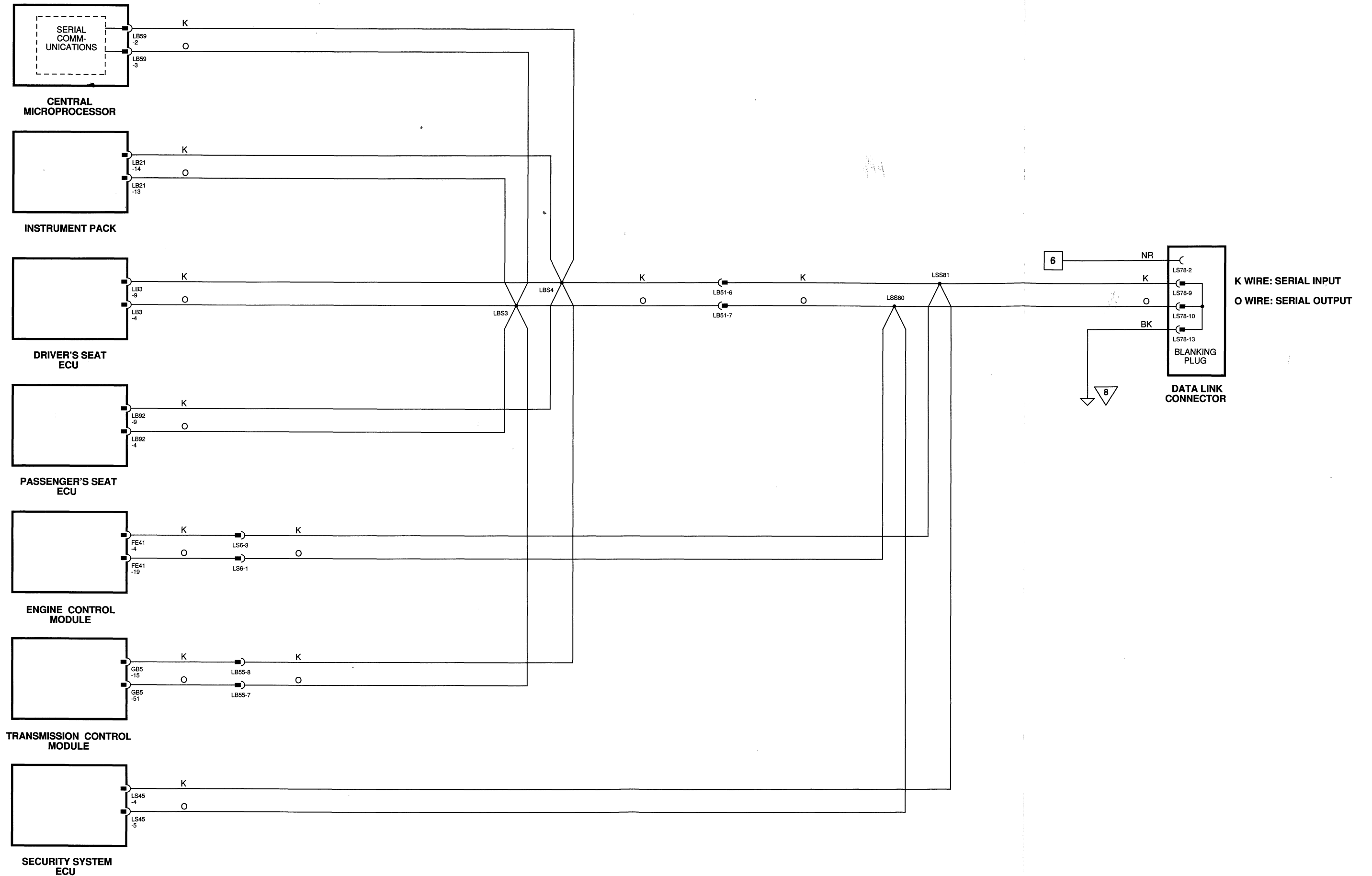
### ACCESS

RIGHT DASH UNDER PANEL  
RIGHT UNDER DASH PANEL  
—  
FLOOR TRIM PANEL  
LEFT TRUNK TRIM  
RIGHT DASH UNDER PANEL

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## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
FE41	25-WAY ECM (YELLOW)	RIGHT DASH UNDER PANEL / ECM LOW POWER BOARD
GB5	55-WAY AMP (BLACK)	RIGHT DASH UNDER PANEL ON TRANS. CONTROL MODULE / TRANSMISSION CONTROL MODULE
LB3	12-WAY AMP PCB POWER (BLACK)	FLOOR PANEL IN FRONT OF DRIVER'S SEAT / DRIVERS SEAT AND MIRRORS ECU
LB21	24-WAY AMP PCB SIGNAL (BLACK)	BEHIND INSTRUMENT PACK AT FASCIA / INSTRUMENT PACK
LB51	12-WAY MULTILOCK 70 (WHITE)	BENEATH LEFT REAR SEAT BOX SECTION / REAR HARNESS
LB55	20-WAY MULTILOCK 40 (BLACK)	CENTER CONSOLE, FRONT OF GEAR SHIFT / BULKHEAD HARNESS
LB59	6-WAY AMP PCB POWER (BLACK)	BEHIND GLOVE BOX ON CPU / CENTRAL MICROPROCESSOR
LS6	13-WAY ECONOSEAL III LC (BLACK)	RIGHT BULKHEAD ADJACENT TO ABS PUMP / RIGHT SIDE HARNESS
LS45	16-WAY MULTILOCK 40 (BLACK)	TRUNK, LEFT, BEHIND ABS ECU / SECURITY ECU
LS78	14-WAY AMP CPC ISO (BLACK)	TRUNK, RIGHT, BELOW BATTERY TRAY / ISO DATA LINK



# FIG 34 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
LUMBAR SWITCH — PASSENGER	CENTER CONSOLE, RIGHT SIDE	—
SEAT CONTROL UNIT — PASSENGER	FLOOR, FRONT OF PASSENGER'S SEAT	FLOOR TRIM PANEL
SEAT LUMBAR PUMP — PASSENGER	PASSENGER'S SEAT BACK	—
SEAT SWITCH PACK — PASSENGER	CENTER CONSOLE, RIGHT SIDE	CENTER CONSOLE
SEAT MOTORS — PASSENGER	PASSENGER'S SEAT	BENEATH SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
PIL1	6-WAY MULTILOCK 70 (WHITE)	REAR OF PASSENGER'S SEAT BACK / SEAT RECLINE MOTOR AND POTENTIOMETER
PIL2	6-WAY MULTILOCK 70 (YELLOW)	REAR OF PASSENGER'S SEAT BACK / HEADREST MOTOR AND POTENTIOMETER
LB54	20-WAY MULTILOCK 40 (BLUE)	MOUNTED RIGHT OF CENTER CONSOLE CHEEK / PASSENGER SEAT SWITCH PACK
LB79B	16-WAY MULTILOCK 40 (BLACK)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB80B	16-WAY MULTILOCK 40 (GREEN)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB81B	16-WAY MULTILOCK 40 (BLUE)	RIGHT BLOWER MOTOR, ABOVE VACUUM VALVE / RIGHT SPLICE BOX
LB91	48-WAY AMP PCB SIGNAL (BLACK)	FLOOR PANEL, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL UNIT
LB92	12-WAY AMP PCB SIGNAL (BLACK)	FLOOR PANEL, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL
PSM1	20-WAY AMP PCB POWER (BLACK)	PASSENGER'S SEAT BY SEAT CONTROL UNIT ON FLOOR / PASSENGER'S SEAT CONTROL UNIT
PSM2	6-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / SEAT FORE/AFT MOTOR AND POTENTIOMETER
PSM3	6-WAY MULTILOCK 70 (YELLOW)	BENEATH PASSENGER'S SEAT CUSHION / SEAT REAR RAISE/LOWER MOTOR AND POTENTIOMETER
PSM4	6-WAY MULTILOCK 70 (SLATE)	BENEATH PASSENGER'S SEAT CUSHION / SEAT FRONT RAISE/LOWER MOTOR AND POTENTIOMETER
PSM5	18-WAY MULTILOCK 70 (WHITE)	BENEATH PASSENGER'S SEAT CUSHION / PASSENGER'S SEAT HARNESS

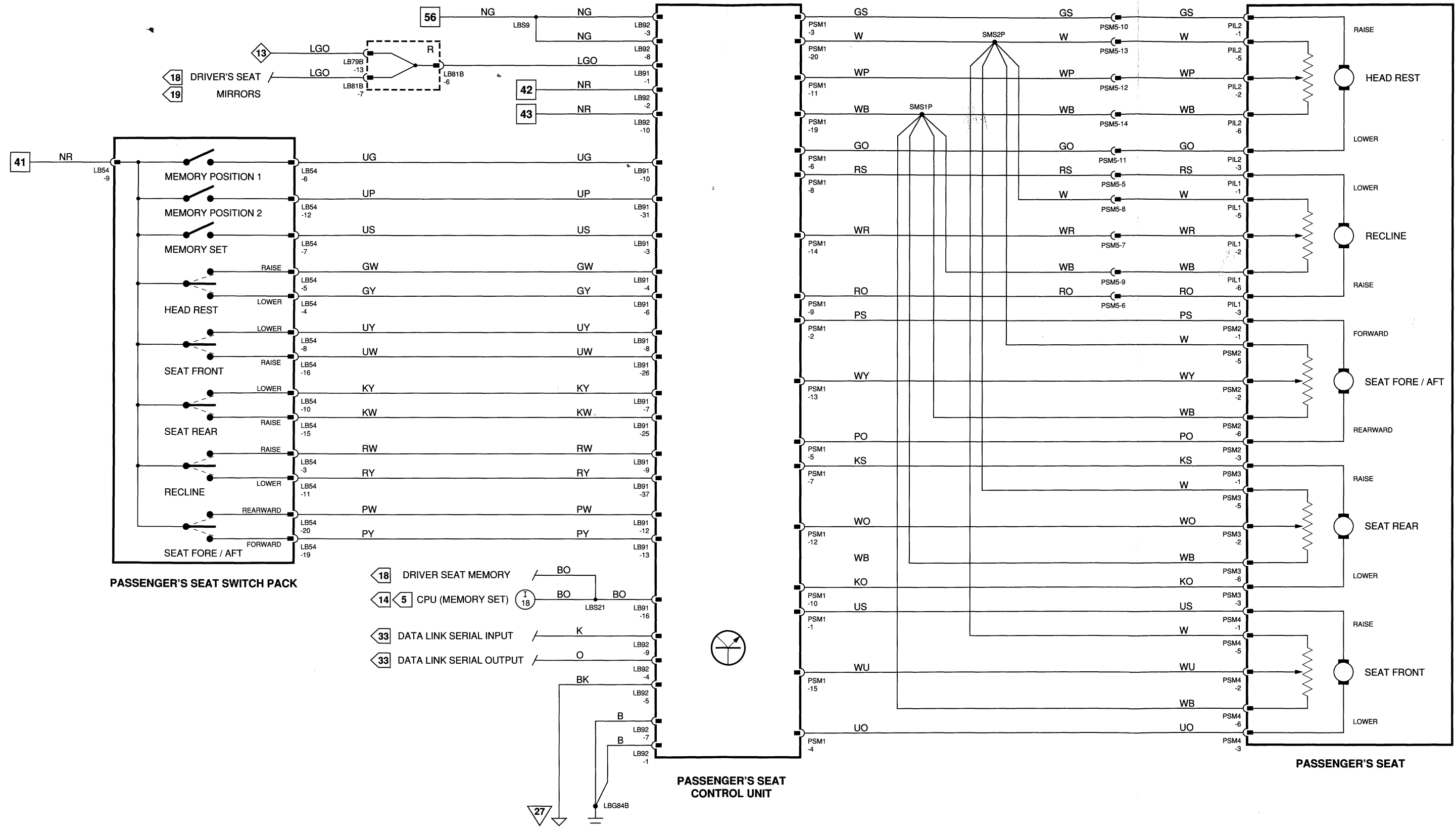
## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG39B	WHITE EYELET	CENTER CONSOLE GROUND STUD BEHIND 'J' GATE / GROUND
LBG84B	WHITE EYELET	ABOVE RIGHT FUSE PANEL ON 'A' POST / GROUND

## INPUTS / OUTPUTS

### PASSENGER SEAT CONTROL UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB91-1	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB91-4	INPUT	HEADREST — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-6	INPUT	HEADREST — LOWER	LOWER: 12V	OPEN CIRCUIT
LB91-7	INPUT	SEAT REAR — LOWER	LOWER: 12V	OPEN CIRCUIT
LB91-8	INPUT	SEAT FRONT — LOWER	LOWER: 12V	OPEN CIRCUIT
LB91-9	INPUT	SEAT RECLINE — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-12	INPUT	SEAT REARWARD	REARWARD: 12V	OPEN CIRCUIT
LB91-13	INPUT	SEAT FORWARD	FORWARD: 12V	OPEN CIRCUIT
LB91-25	INPUT	SEAT REAR — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-26	INPUT	SEAT FRONT — RAISE	RAISE: 12V	OPEN CIRCUIT
LB91-37	INPUT	SEAT RECLINE — LOWER	LOWER: 12V	OPEN CIRCUIT
LB92-1	INPUT	POWER GROUND	GROUND	GROUND
LB92-2	INPUT	BATTERY POWER	12V	12V
LB92-3	INPUT	BATTERY POWER	12V	12V
LB92-5	INPUT	LOGIC GROUND	GROUND	GROUND
LB92-7	INPUT	POWER GROUND	GROUND	GROUND
LB92-8	INPUT	BATTERY POWER	12V	12V
LB92-10	INPUT	BATTERY POWER	12V	12V
PSM1-1	OUTPUT	SEAT FRONT MOTOR — RAISE	12V	GROUND
PSM1-2	OUTPUT	SEAT MOTOR — FORWARD	12V	GROUND
PSM1-3	OUTPUT	HEADREST — RAISE	12V	GROUND
PSM1-4	OUTPUT	SEAT FRONT MOTOR — LOWER	12V	GROUND
PSM1-5	OUTPUT	SEAT MOTOR — REARWARD	12V	GROUND
PSM1-6	OUTPUT	HEADREST — LOWER	12V	GROUND
PSM1-7	OUTPUT	SEAT REAR MOTOR — RAISE	12V	GROUND
PSM1-8	OUTPUT	RECLINE MOTOR — LOWER	12V	GROUND
PSM1-9	OUTPUT	RECLINE MOTOR — RAISE	12V	GROUND
PSM1-10	OUTPUT	SEAT REAR MOTOR — LOWER	12V	GROUND
PSM1-11	INPUT	HEADREST POTENTIOMETER WIPER	FULLY UP: 2.18V	FULLY DOWN: 0.4V
PSM1-12	INPUT	SEAT REAR POTENTIOMETER WIPER	FULLY UP: 4V	FULLY DOWN: 0.7V
PSM1-13	INPUT	SEAT FORE/AFT POTENTIOMETER WIPER	FULLY FORWARD: 4.0V	FULLY REARWARD: 1.4V
PSM1-14	INPUT	RECLINE POTENTIOMETER WIPER	FULLY BACK: 3.3V	FULLY UP: 0.4V
PSM1-15	INPUT	SEAT FRONT POTENTIOMETER WIPER	FULLY UP: 4.2V	FULLY DOWN: 1.7V
PSM1-19	OUTPUT	POTENTIOMETER GROUND	GROUND	GROUND
PSM1-20	OUTPUT	POTENTIOMETER REFERENCE VOLTAGE	4.5V	OPEN CIRCUIT



41 BATTERY POWER (FIGS 1/L, 1/R)  
 56 IGNITION POWER (FIG 2)  
 B IGNITION SWITCHED GROUND (FIG 3)  
 27 LOGIC GROUND (FIG 4)  
 18 CPU INPUTS / OUTPUTS (FIG 5)  
 13 FIG NUMBER REFERENCE

NOTE: POWER LUMBAR CIRCUIT — FIG 20

# FIG 35 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
RIDE HEIGHT SENSOR SOLENOID VALVE BLOCK	RIGHT REAR AXLE, ABOVE WISHBONE ABOVE RF BRAKE DISC AIR DUCT	BENEATH VEHICLE BENEATH VEHICLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
RS16	4-WAY ECONOSEAL III LC (BLACK)	ABOVE RF BRAKE DISC AIR DUCT / SOLENOID VALVE BLOCK
RS47	8-WAY MULTILOCK 70 (WHITE)	BEHIND BATTERY IN TRUNK / RIDE HEIGHT SENSOR HARNESS
RA3	RIDE LEVEL CONTROL UNIT (BLACK)	RR AXLE, ABOVE WISHBONE / RIDE HEIGHT SENSOR
LB88	20-WAY MULTILOCK 40 (BLACK)	REAR FACE OF RIGHT BLOWER, UNDER FASCIA / BULKHEAD HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
RSG62B	WHITE EYELET	TRUNK, RIGHT, BELOW BULB FAIL MODULE / GROUND

## INPUTS / OUTPUTS

### RIDE HEIGHT SENSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RA3-1	OUTPUT	TEST PIN		
RA3-2	INPUT	DOWN SOLENOID	GROUND	12V
RA3-3	INPUT	CHARGE SOLENOID	GROUND	12V
RA3-4	OUTPUT	GROUND	GROUND	GROUND
RA3-5	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
RA3-6	INPUT	BATTERY POWER	12V	12V

