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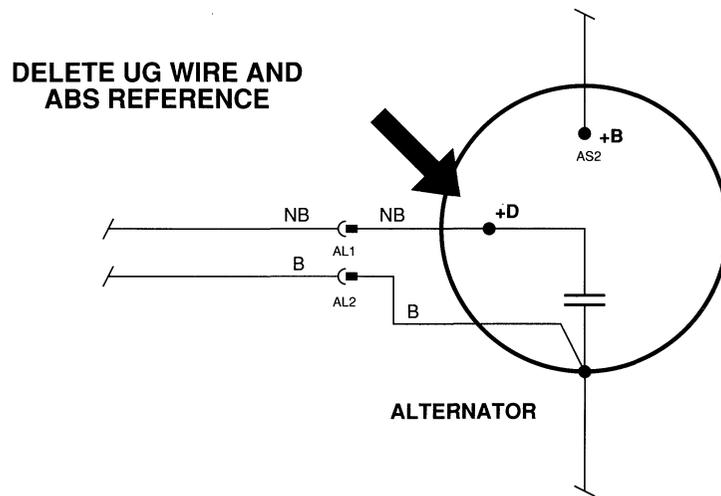
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**FIG 4 — LOGIC GROUND DISTRIBUTION**  
DATA PAGE ADDITION

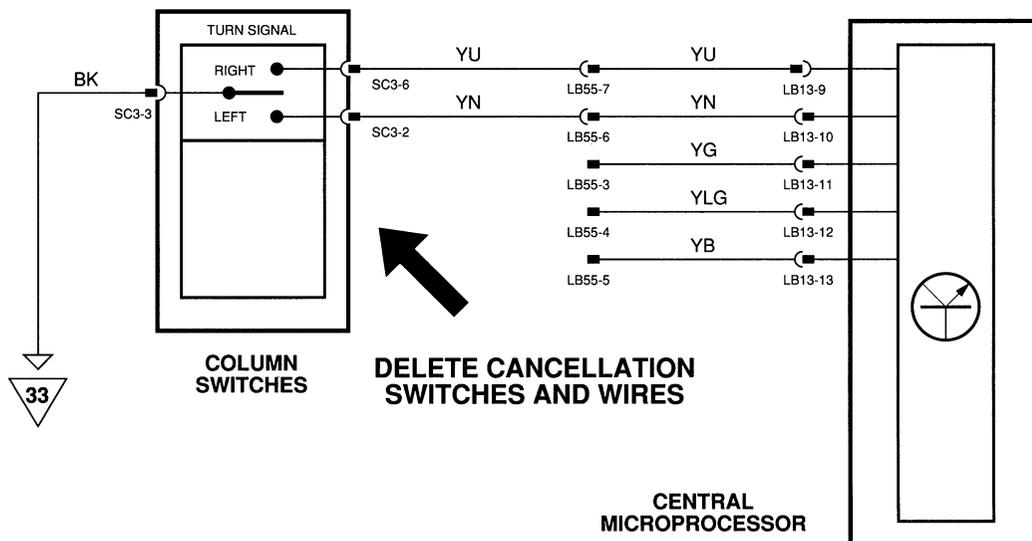
**GROUNDS**

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG78	EYLET	BULKHEAD, BEHIND RIGHT BLOWER AIR DUCT / CENTRAL LOGIC GROUND

**FIG 5 — BATTERY; STARTER; ALTERNATOR**  
WIRING DIAGRAM CORRECTION



**FIG 8 — TURN SIGNALS; HAZARD WARNING LIGHTS; STOP LIGHTS  
WIRING DIAGRAM CORRECTION**



**FIG 10 — INSTRUMENT LIGHTING; LOCATE LIGHTING; CLOCK  
WIRE COLOR CODE CORRECTION**

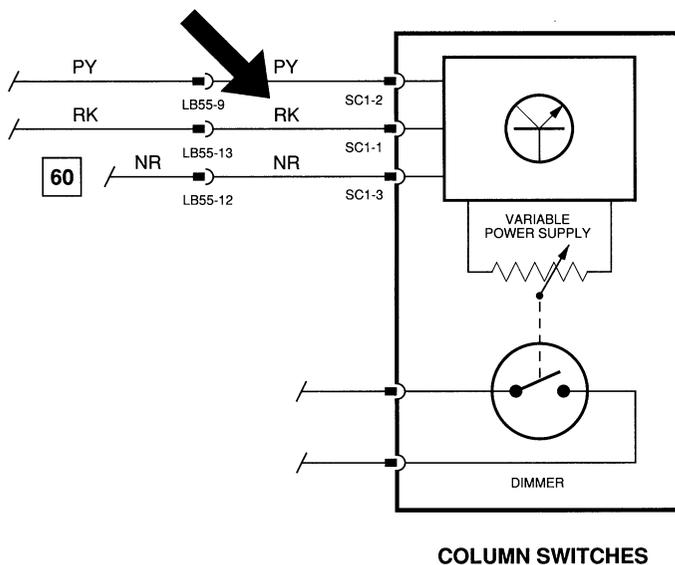


FIG 12 — INSTRUMENTATION: HAZARD AND FAULT DISPLAY  
CIRCUIT NOTATION CORRECTION

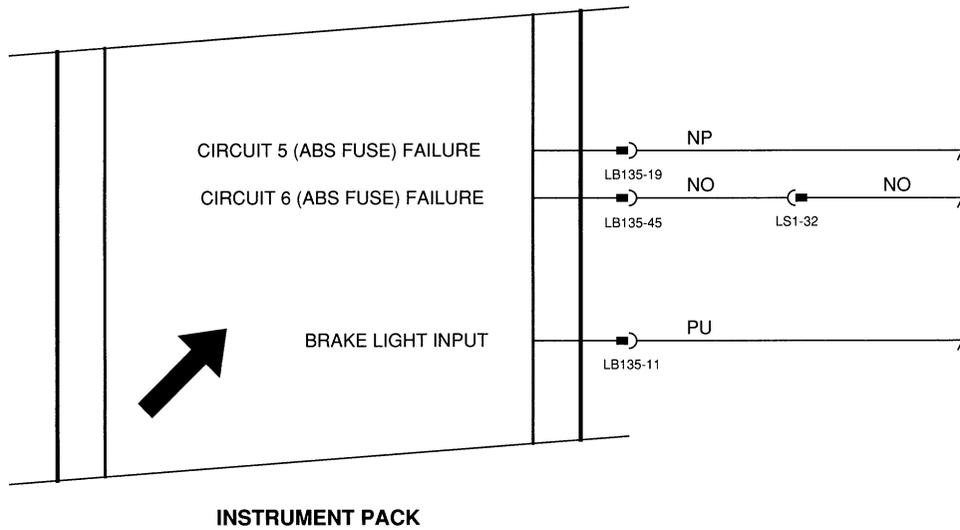
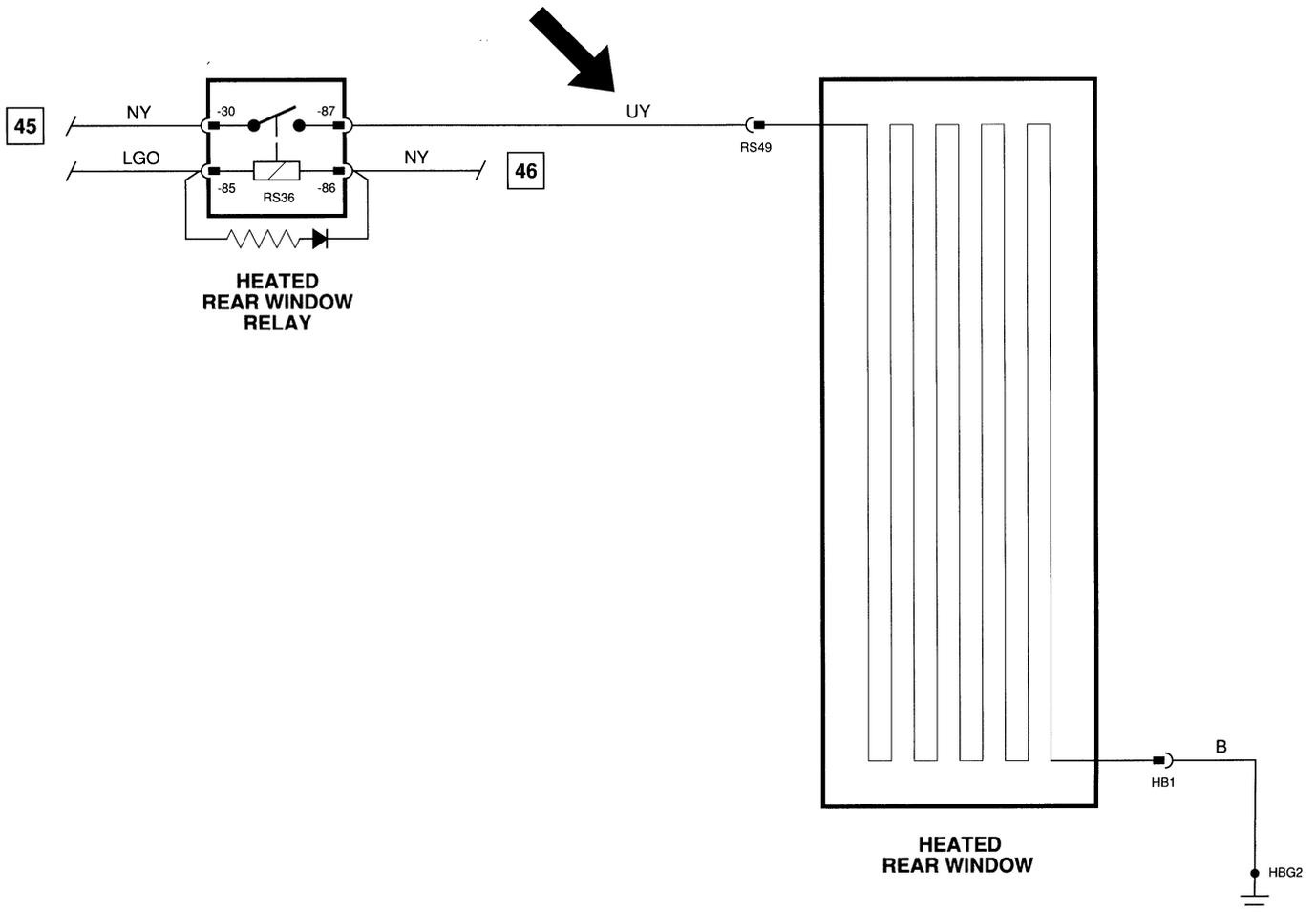
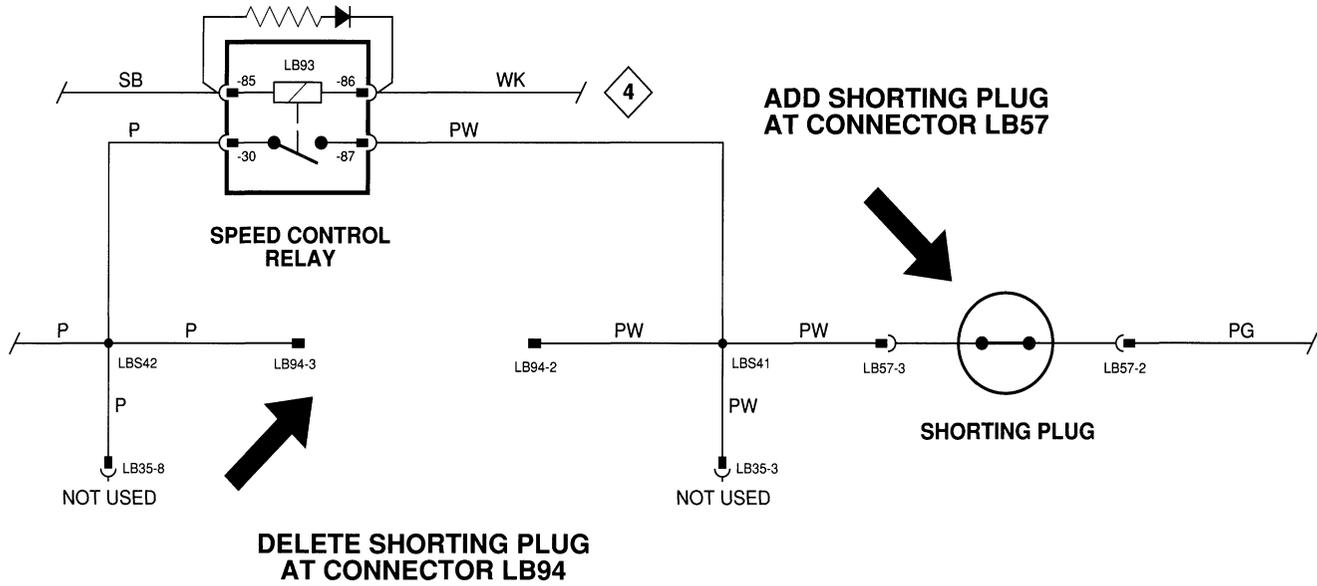


FIG 20 — HEATERS: REAR WINDOW, DOOR MIRRORS  
WIRE COLOR CODE CORRECTION

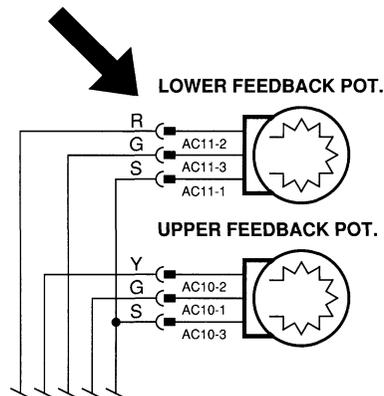


**FIG 25 — SPEED CONTROL (CRUISE CONTROL)  
WIRING DIAGRAM CORRECTION**



**FIG 27 — CLIMATE CONTROL  
WIRING DIAGRAM CORRECTION**

**PIN IDENTIFICATION  
CORRECTION**



### FIG 30 — ENGINE MANAGEMENT DATA PAGE CORRECTION

#### INPUTS / OUTPUTS

##### ENGINE MANAGEMENT ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LI58-1	OUT	IGNITION DRIVE	PULSED SIGNAL APPROX. 0-.6 V AT IDLE	0 V
LI59-3	IN	TRANS. DECODER (IDLE FUEL)	"P", "N" GROUND	"R", "D", "3", "2": 5V

### FIG 31 — TRANSMISSION CONTROL DATA PAGE ADDITION / CORRECTION

#### CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GB7	8-WAY ZF CONNECTOR	TRANSMISSION CASE / TRANSMISSION COMPONENTS

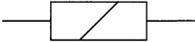
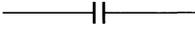
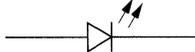
#### INPUTS / OUTPUTS

##### TRANSMISSION ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GB5-5	OUT	SOLENOID VALVE (FORWARD DRIVE)	GROUND	OPEN CIRCUIT

Note: Connector pin GB5-4 corrected to GB5-5

WIRING SYMBOLS

	LINE SPLICE		SUPPRESSION RESISTOR
	WIRE CONNECTOR [MALE / FEMALE]		POTENTIOMETER
	WIRE CONTINUED		SOLENOID
	FUSE		MOTOR
	DIODE		CAPACITOR
	DIODE IN HARNESS		BULB
	ZENER DIODE		POWER GROUND
	LIGHT EMITTING DIODE [LED]		LOGIC GROUND
	RESISTOR		TRANSISTOR

WIRING COLOR CODES

N	Brown	Y	Yellow
B	Black	O	Orange
W	White	S	Slate
K	Pink	L	Light
G	Green	U	Blue
R	Red	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	CODE	DESCRIPTION
AC	Air conditioning (climate control unit)	LB	Bulkhead harness (left hand drive)
AS	Alternator to starter	LI	Lucas injection harness
BH	Bonnet hood (under hood lights)	LS	Left side harness
CB	Cubby box (glove box)	PD	Passenger's door (main harness)
CH	Cushion heater	PS	Passenger side (link harness)
DD	Driver's door (main harness)	RA	Right rear axle
DS	Driver's side	RD	Rear door harness (R-right, L-left)
FA	Front axle (R-right, L-left)	RF	Rear fender (R-right, L-left)
FB	Fuse box (panel)	RS	Right side harness
FF	Front fender (R-right, L-left)	SB	Seat belt
FP	Fuel pump	SC	Steering column
HB	Heated backlight (rear window)	SM	Seat motor
HM	High mount stop lights	SQ	Squab heater (seat back)
HS	Heated seats	SR	Sun roof
IL	Interior lights	SS	Seat switches
LA	Left rear axle		

**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)

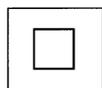
**DIODE CODES**

HARNESS CODE + D + IDENTIFICATION NUMBER

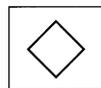
EXAMPLE: LBD5 (no dash is used)

**REFERENCE SYMBOLS**

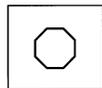
The four reference symbols are used to indicate the remainder of the circuit (feed and ground) and refer the reader to one of the four figures.



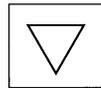
DIRECT BATTERY POWER (FIG 1)



IGNITION SWITCHED POWER (FIG 2)

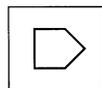


IGNITION SWITCHED GROUND (FIG 3)



LOGIC GROUND (FIG 4)

**REFERENCE FLAGS**



REFERENCE FLAG

This reference code directs 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 figure 1,2, 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 the INSTRUMENTATION: NORMAL DISPLAY and the INSTRUMENTATION: HAZARD AND FAULT DISPLAY.

**DATA PAGES**

Every wiring diagram has a corresponding data page on the left hand side of the book. These aid 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 not be used for diagnostic purposes.

**COMPONENTS**

DESCRIPTION	LOCATION	ACCESS
FACIA SWITCH PACK	ABOVE STEERING COLUMN	DASH UNDER PANEL, LEFT
FLASH SWITCH	LEFT STEERING COLUMN STALK	STEERING COLUMN COVER

**CONNECTORS**

CODE	DESCRIPTION	LOCATION / INTERFACE
FF1	3-WAY BULB CONNECTOR	BEHIND HEADLIGHTS / HEADLIGHT OUTER BEAM
FF2	3-WAY BULB CONNECTOR	BEHIND HEADLIGHTS / HEADLIGHT INNER BEAM

**GROUNDS**

CODE	DESCRIPTION	LOCATION / INTERFACE
FFG3	EYELET	LEFT AND RIGHT FRONT CORNER / POWER GROUND
LSG37	EYELET	ENGINE COMPARTMENT, LF / POWER GROUND

**INPUTS/OUTPUTS**

LIGHTING LOGIC UNIT			ACTIVE	INACTIVE
CODE	IN / OUT	CIRCUIT	GROUND	12V
LB49-3	OUT	REAR FOG LIGHTS	GROUND	12V
LB49-4	OUT	FRONT FOG LIGHTS	GROUND	12V

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BATTERY	FRONT BULKHEAD, RIGHT	ENGINE COMPARTMENT
FUSE PANEL—AUXILIARY	TRUNK, LEFT SIDE (WHEN FITTED)	TRUNK TRIM PANEL
FUSE PANEL—LEFT	DRIVER FOOTWELL	'A' POST TRIM PANEL
FUSE PANEL—RIGHT	PASSENGER FOOTWELL	'A' POST TRIM PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
FL1	EYELET	LEFT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
FR1	EYELET	RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB71	EYELET	RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB82	EYELET	RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD
LB128	9-WAY TTS (WHITE)	PASSENGER FOOTWELL / LEFT FUSE PANEL
LB129	5-WAY TTS (NATURAL)	PASSENGER FOOTWELL / LEFT FUSE PANEL
LB130	9-WAY TTS (WHITE)	DRIVER FOOTWELL / LEFT FUSE PANEL
LB131	5-WAY TTS (NATURAL)	DRIVER FOOTWELL / LEFT FUSE PANEL
LI29	EYELET	ENGINE COMPARTMENT BULKHEAD, RIGHT / BATTERY POSITIVE STUD
LS65	3-WAY PM4 (YELLOW)	TRUNK, LEFT, TRIM PANEL / AUXILIARY FUSE PANEL
LS72	9-WAY TTS (BLACK)	DRIVER FOOTWELL / LEFT FUSE PANEL
LS73	5-WAY TTS (BLACK)	DRIVER FOOTWELL / LEFT FUSE PANEL
LS127	IN-LINE FUSE HOLDER (BLACK)	DRIVER FOOTWELL / LEFT FUSE PANEL
LS129	IN-LINE FUSE HOLDER (BLACK)	DRIVER FOOTWELL / LEFT FUSE PANEL
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS105	9-WAY TTS (BLACK)	PASSENGER FOOTWELL / RIGHT FUSE PANEL
RS106	5-WAY TTS (BLACK)	PASSENGER FOOTWELL / RIGHT FUSE PANEL



BATTERY POWER

FIG 1



IGNITION POWER

FIG 2



IGNITION SWITCHED GROUND

FIG 3

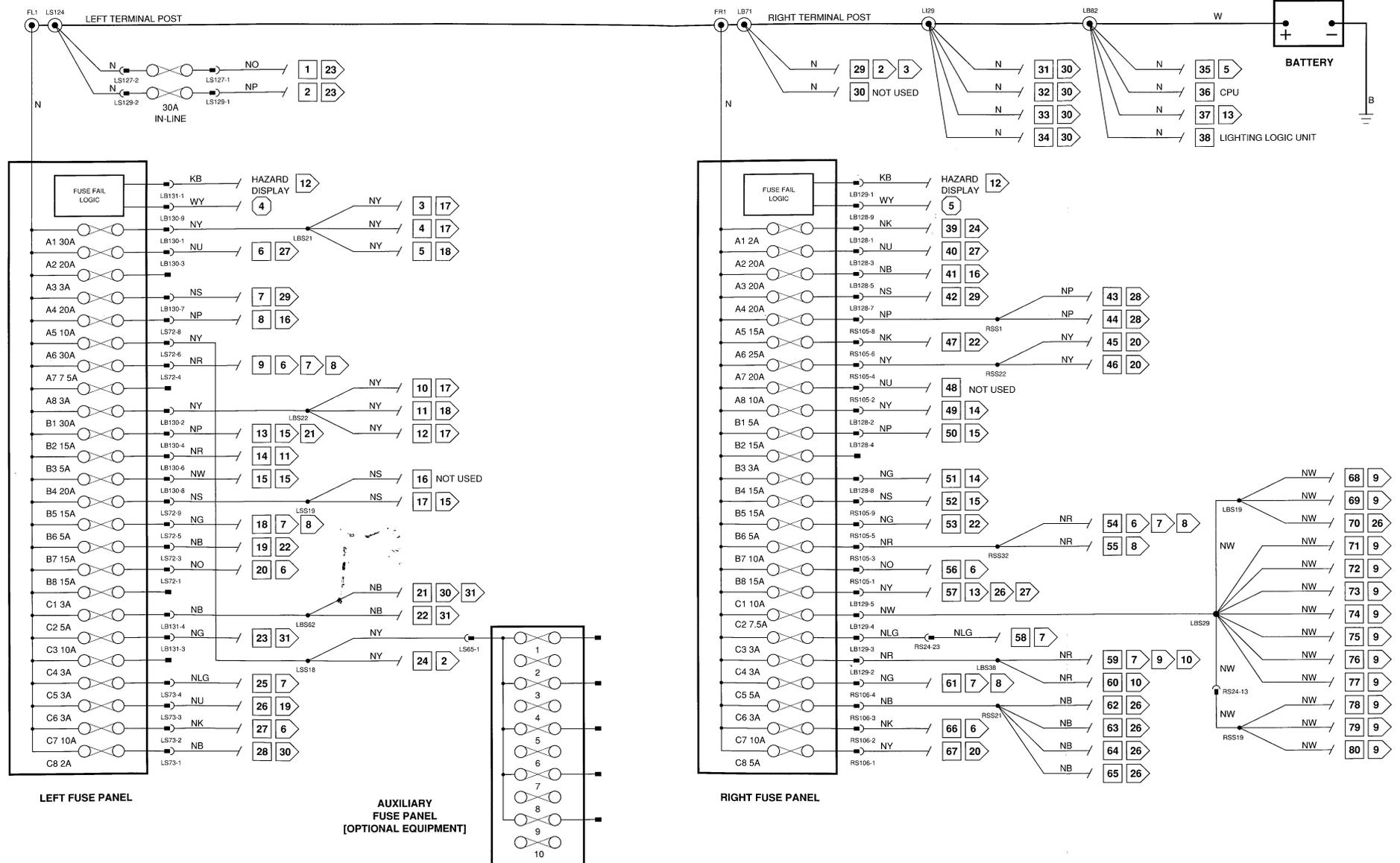


LOGIC GROUND

FIG 4



FIG NUMBER REFERENCE



## COMPONENTS

### DESCRIPTION

DIODE (LSD3)  
 DIODE (RSD1)  
 FUSE PANEL—AUXILIARY  
 FUSE PANEL—CENTER  
 RELAY—AUXILIARY FUSE PANEL (LS66)  
 RELAY—IGNITION ON (LB17)

### LOCATION

LEFT FRONT INNER FENDER, FORWARD  
 BELOW RIGHT FRONT CRUCH TUBE  
 TRUNK, LEFT SIDE (WHEN FITTED)  
 CENTER CONSOLE GLOVE BOX  
 TRUNK, LEFT, FRONT  
 COMPONENT PANEL

### ACCESS

ENGINE COMPARTMENT, LEFT  
 ENGINE COMPARTMENT BELOW, RIGHT  
 TRUNK TRIM PANEL  
 CENTER CONSOLE GLOVE BOX  
 TRIM PANEL  
 RIGHT DASH UNDER PANEL

## CONNECTORS

### CODE

### DESCRIPTION

LB17 RELAY BASE (BLUE)  
 LB28 6-WAY PM4 (YELLOW)  
 LB81 3-WAY PM4 (BLACK)  
 LB148 9-WAY TTS (WHITE)  
 LB149 5-WAY TTS (NATURAL)  
 LS2 15-WAY PMHD (YELLOW)  
 LS3 9-WAY PM4 (BLACK)  
 LS65 3-WAY PM4 (YELLOW)  
 LS66 RELAY BASE (WHITE)  
 RS24 24-WAY PMHD (YELLOW)  
 RS87 6-WAY PM4 (BLACK)

### LOCATION / INTERFACE

RIGHT DASH UNDER PANEL / IGNITION ON RELAY  
 RIGHT DASH UNDER PANEL / LI HARNESS  
 CENTER CONSOLE / CENTER FUSE PANEL  
 CENTER CONSOLE / CENTER FUSE PANEL  
 CENTER CONSOLE / CENTER FUSE PANEL  
 LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS  
 LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS  
 TRUNK, LEFT, TRIM PANEL / AUXILIARY FUSE PANEL  
 TRUNK, LEFT FRONT, TRIM PANEL / AUXILIARY FUSE PANEL RELAY  
 RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS  
 RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS

## GROUNDS

### CODE

### DESCRIPTION

LSG39

EYELET

### LOCATION / INTERFACE

BEHIND TRUNK TRIM PANEL / POWER GROUND



BATTERY POWER

FIG 1



IGNITION POWER

FIG 2



IGNITION SWITCHED GROUND

FIG 3



LOGIC GROUND

FIG 4



FIG NUMBER REFERENCE



# FIG 3

# IGNITION SWITCHED GROUND DISTRIBUTION

## COMPONENTS

### DESCRIPTION

DIODE—LBD5  
RELAY—IGNITION ON (LB17)  
SWITCH—IGNITION  
SWITCH—INERTIA  
TRANSIT ISOLATION DEVICE

### LOCATION

DRIVER FOOTWELL, LEFT 'A' POST  
COMPONENT PANEL  
STEERING COLUMN  
DRIVER FOOTWELL  
FRONT BULKHEAD, RIGHT

### ACCESS

LEFT DASH UNDER PANEL  
RIGHT DASH UNDER PANEL  
STEERING COLUMN COVER  
'A' POST TRIM PANEL  
ENGINE COMPARTMENT

## CONNECTORS

### CODE

LB17  
LB55  
LB64  
RS24  
RS111  
SC5

### DESCRIPTION

RELAY BASE (BLUE)  
24-WAY PMHD (BLACK)  
3-WAY TTS SOCKET (GREY)  
24-WAY PMHD (YELLOW)  
.250 BLADE  
6-WAY PMHD (GREEN)

### LOCATION / INTERFACE

RIGHT DASH UNDER PANEL / IGNITION ON RELAY  
LEFT DASH UNDER PANEL / COLUMN SWITCHES  
DRIVER FOOTWELL, 'A' POST / INERTIA SWITCH  
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS  
ENGINE COMPARTMENT, RIGHT REAR  
STEERING COLUMN COVER / IGNITION SWITCH

## GROUNDS

### CODE

LBG75

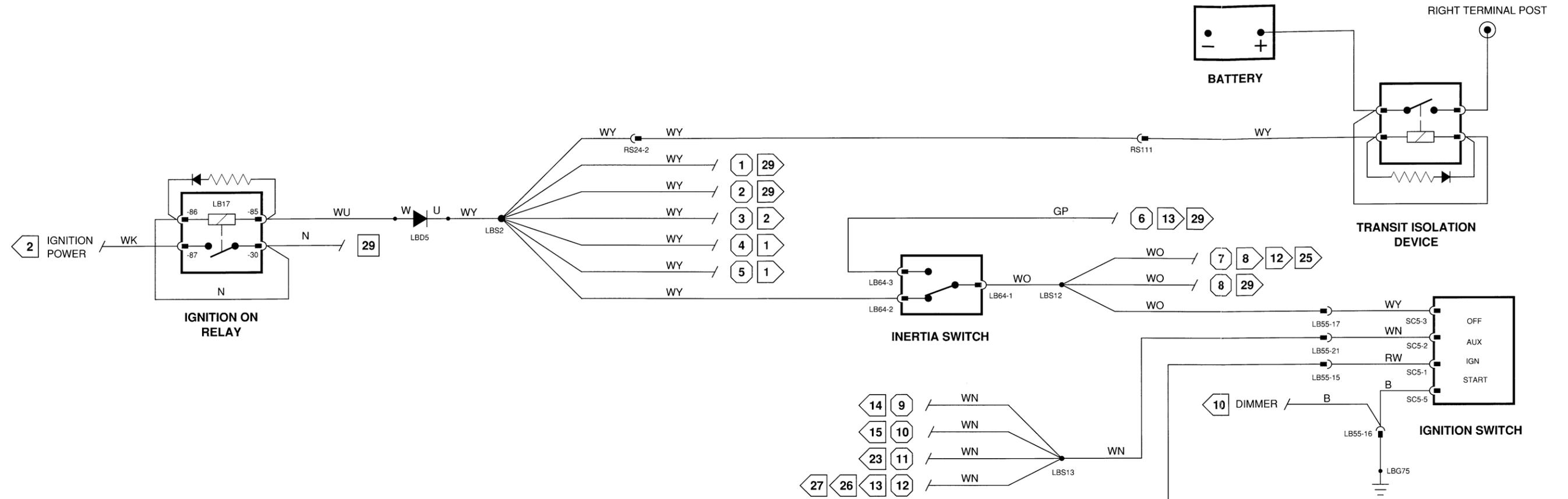
### DESCRIPTION

EYELET

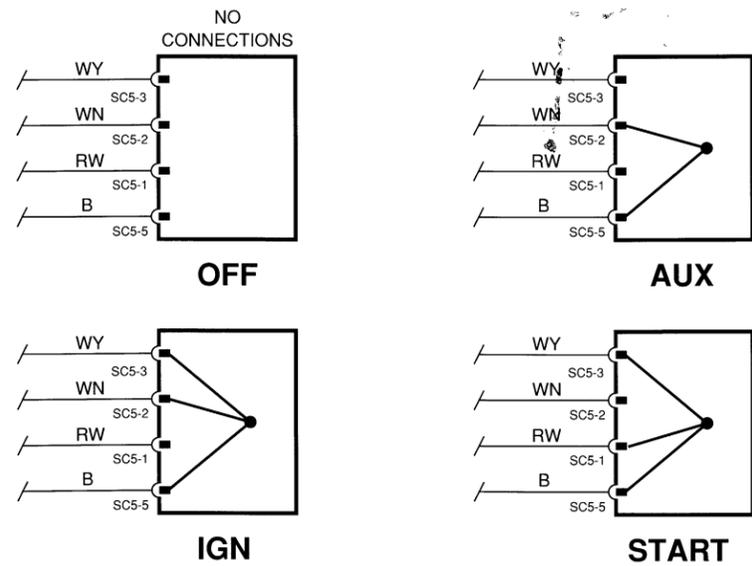
### LOCATION / INTERFACE

BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND





IGNITION SWITCH CONNECTIONS



## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD6	6-WAY PM4 (YELLOW)	DOOR, INNER / LOCK MOTOR
DD9	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
DD15	3-WAY ECONOSEAL (BLACK)	DRIVERS DOOR / KEY BARREL SWITCH
GB1	24-WAY PMHD (YELLOW)	CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH
GB2	15-WAY PMHD (BLACK)	CENTER CONSOLE SKI SLOPE PANEL / GEARBOX ILLUMINATION MODULE
GB3	6-WAY AMP (WHITE)	CENTER CONSOLE SKI SLOPE PANEL / SPORT SWITCH
GB6	26-WAY AMP (BLUE)	PASSENGER FOOTWELL / GEARBOX DECODER
IL4	.250 BLADE	FRONT SEAT HEADREST / READING LAMP
IL7	5-WAY PIN CONNECTOR (BLACK)	UNDER FRONT PASSENGER SEAT CUSHION / SEAT BACK IL HARNESS
IL8	5-WAY PIN CONNECTOR (BLACK)	UNDER FRONT DRIVER SEAT CUSHION / SEAT BACK IL HARNESS
LB7	6-WAY PM4 (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB18	RELAY BASE (GREEN)	RIGHT DASH UNDER PANEL / AUXILIARY SIDE LIGHT PANEL
LB21	8-WAY AMP (WHITE)	RIGHT DASH UNDER PANEL / SPEED CONTROL ECM
LB31	2-WAY PMHD (YELLOW)	CONSOLE LEFT CARPET / PARK BRAKE SWITCH
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / LINEAR GEAR SWITCH
LB38	4-WAY ECONOSEAL (WHITE)	CENTER CONSOLE / FRONT CIGAR LIGHTER
LB39	6-WAY PMHD (BLACK)	CENTER CONSOLE / PASSENGER SEAT HEATER SWITCH
LB43	4-WAY ECONOSEAL (WHITE)	CENTER CONSOLE / REAR CIGAR LIGHTER
LB48	6-WAY PMHD (BLACK)	CENTER CONSOLE SKI SLOPE PANEL / DRIVER SEAT HEATER SWITCH
LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LB58	15-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / AUDIBLE WARNING MODULE
LB62	6-WAY PM4 (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB66	15-WAY PMHD (BLACK)	CENTER CONSOLE, AC CONTROL PANEL / AC HARNESS
LB85	6-WAY PM4 (BLACK)	LEFT 'B/C' POST LOWER TRIM / LEFT PASSIVE RESTRAINT MOTOR
LB87	8-WAY PM4 (BLACK)	LEFT UNDER DASH PANEL / PASSIVE RESTRAINT MODULE
LB91	6-WAY PM4 (BLACK)	RIGHT 'B/C' POST LOWER TRIM / RIGHT PASSIVE RESTRAINT MOTOR
LB105	4-WAY PMHD (BLACK)	RIGHT 'B/C' POST LOWER TRIM / RIGHT PASSIVE RESTRAINT SWITCHES
LB106	4-WAY PMHD (BLACK)	LEFT 'B/C' POST LOWER TRIM / LEFT PASSIVE RESTRAINT SWITCHES
LB119	5-WAY PIN CONNECTOR (BLACK)	CARPET UNDER DRIVER SEAT / DRIVER SIDE IL HARNESS
LB120	5-WAY PIN CONNECTOR (BLACK)	CARPET UNDER PASSENGER SEAT / PASSENGER SIDE IL HARNESS
LB132	24-WAY PMHD (BROWN)	STEERING COLUMN / TRIP COMPUTER PANEL
LB134	24-WAY GROTE (BLACK)	INSTRUMENT PACK / LEFT SIDE
LB135	48-WAY GROTE (BLACK)	INSTRUMENT PACK / RIGHT SIDE
LB145	6-WAY PM4 (BROWN)	DRIVER FOOTWELL / SERIAL PORT
LB153	24-WAY PMHD (BLACK)	LEFT DASH UNDERPANEL / PASSIVE RESTRAINT MODULE
LS3	9-WAY PM4 (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS7	3-WAY ECONOSEAL (BLACK)	LEFT 'B/C' POST LINER / RD HARNESS
LS17	15-WAY PMHD (BLACK)	TRUNK TRIM PANEL, LEFT REAR / BULB FAIL MODULE
LS22	3-WAY PM4 (YELLOW)	ENGINE COMPARTMENT / BRAKE FLUID SENSOR
LS24	3-WAY PM4 (BLACK)	ENGINE COMPARTMENT / COOLANT LEVEL SENSOR
LS29	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, LEFT FRONT / BULB FAIL MODULE
PD2	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
PD5	6-WAY PM4 (YELLOW)	DOOR, INNER / LOCK MOTOR
PD18	3-WAY ECONOSEAL (BLACK)	PASSENGER DOOR / KEY BARREL SWITCH
RD2	6-WAY PM4 (BLUE)	DOOR, INNER / DOOR LATCH SWITCH
RS2	RELAY BASE (GREEN)	RIGHT RADIATOR SUPPORT / A/CCLUTCH RELAY
RS11	2-WAY PM4 (GREEN)	BEHIND FRONT VALANCE, RS / WASHER FLUID LEVEL SENSOR
RS16	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, RF / BULB FAIL MODULE
RS30	3-WAY ECONOSEAL (BLACK)	RIGHT 'B/C' POST LOWER TRIM / RD HARNESS
RS34	.250 BLADE RECEPTACLE	TRUNK BULKHEAD TRIM / FUEL TANK SENDER
RS50	15-WAY PMHD (BLACK)	BEHIND TRUNK TRIM PANEL, RIGHT / BULB FAIL MODULE
RS88	RELAY BASE (BLUE)	PASSENGER FOOTWELL / RS HARNESS
RS109	2-WAY ITT (BLACK)	TRUNK LID / RELEASE MOTOR
SC2	6-WAY PMHD (YELLOW)	STEERING COLUMN COVER / WASH-WIPE SWITCH
SC3	6-WAY PMHD (BLUE)	STEERING COLUMN COVER / DIRECTIONAL SWITCH
SC4	6-WAY PMHD (BROWN)	STEERING COLUMN COVER / SPEAKER, DIRECTIONAL CANCEL SWITCH
SC6	6-WAY PMHD (VIOLET)	STEERING COLUMN COVER / IGNITION KEY SWITCH



FIG 1



FIG 2

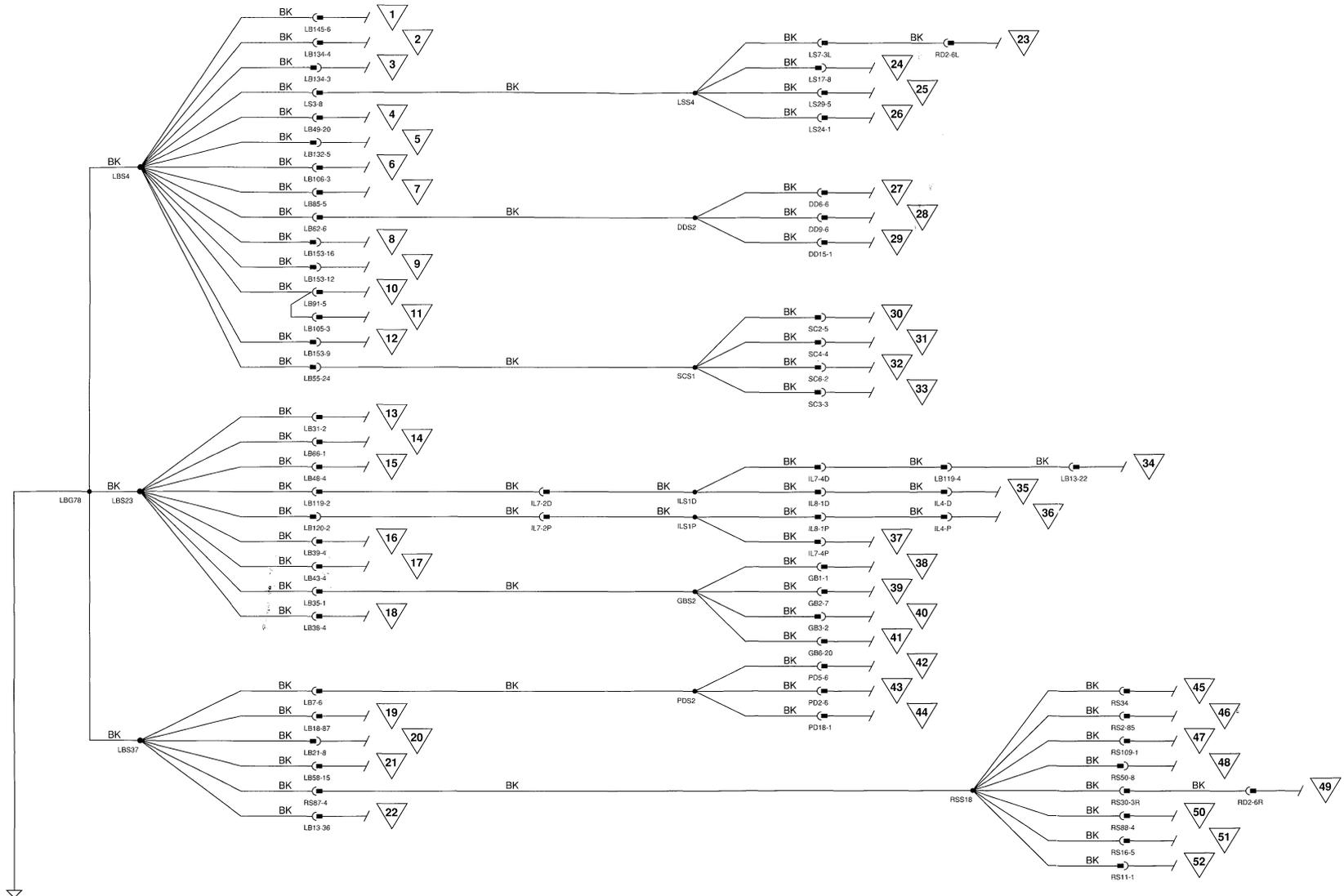


FIG 3



FIG 4





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ALTERNATOR	ENGINE, LEFT, FRONT	UNDER ENGINE COMPARTMENT
BATTERY	FRONT BULKHEAD, RIGHT	ENGINE COMPARTMENT
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
DIODE—LBD2	BULKHEAD, RIGHT OF STEERING COLUMN	DASH BOARD
IGNITION SWITCH	STEERING COLUMN	STEERING COLUMN COVER
LOAD DUMP MODULE	UNDER AIR FILTER HOUSING	ENGINE COMPARTMENT
RELAY—STARTER (LB19)	COMPONENT PANEL	RIGHT DASH UNDER PANEL
STARTER SOLENOID	ENGINE, LEFT SIDE, ABOVE STARTER	ENGINE COMPARTMENT, BELOW
TRANSMISSION ROTARY SWITCH	GEARBOX FRONT CORNER	BELOW VEHICLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AL1	EYELET	ENGINE COMPARTMENT, FRONT LEFT / LOAD DUMP MODULE
AL2	EYELET	ENGINE COMPARTMENT, FRONT LEFT / LOAD DUMP MODULE
AS1	RIGHT ANGLE TERMINAL	ENGINE COMPARTMENT, BELOW / STARTER MOTOR
AS2	RIGHT ANGLE TERMINAL	ENGINE COMPARTMENT, BELOW / ALTERNATOR B+
GB1	24-WAY PMHD (YELLOW)	CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB19	RELAY BASE (WHITE)	RIGHT DASH UNDER PANEL / STARTER RELAY
LB28	6-WAY PM4 (YELLOW)	RIGHT DASH UNDER PANEL / LI HARNESS
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / LINEAR GEAR SWITCH
LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LI34	3-WAY PM4 (BLACK)	UNDER WIPER MOTOR / STARTER LINK LEAD
LL1	EYELET	ABOVE STARTER MOTOR / STARTER SOLENOID
LL2	EYELET	ABOVE STARTER MOTOR / STARTER SOLENOID
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS30	3-WAY PM4 (BLUE)	UNDER AIR FILTER HOUSING / LOAD DUMP MODULE
LS45	EYELET	ALTERNATOR D+
SC5	6-WAY PMHD (GREEN)	STEERING COLUMN COVER / IGNITION SWITCH

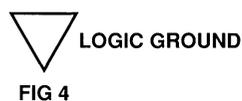
## GROUND

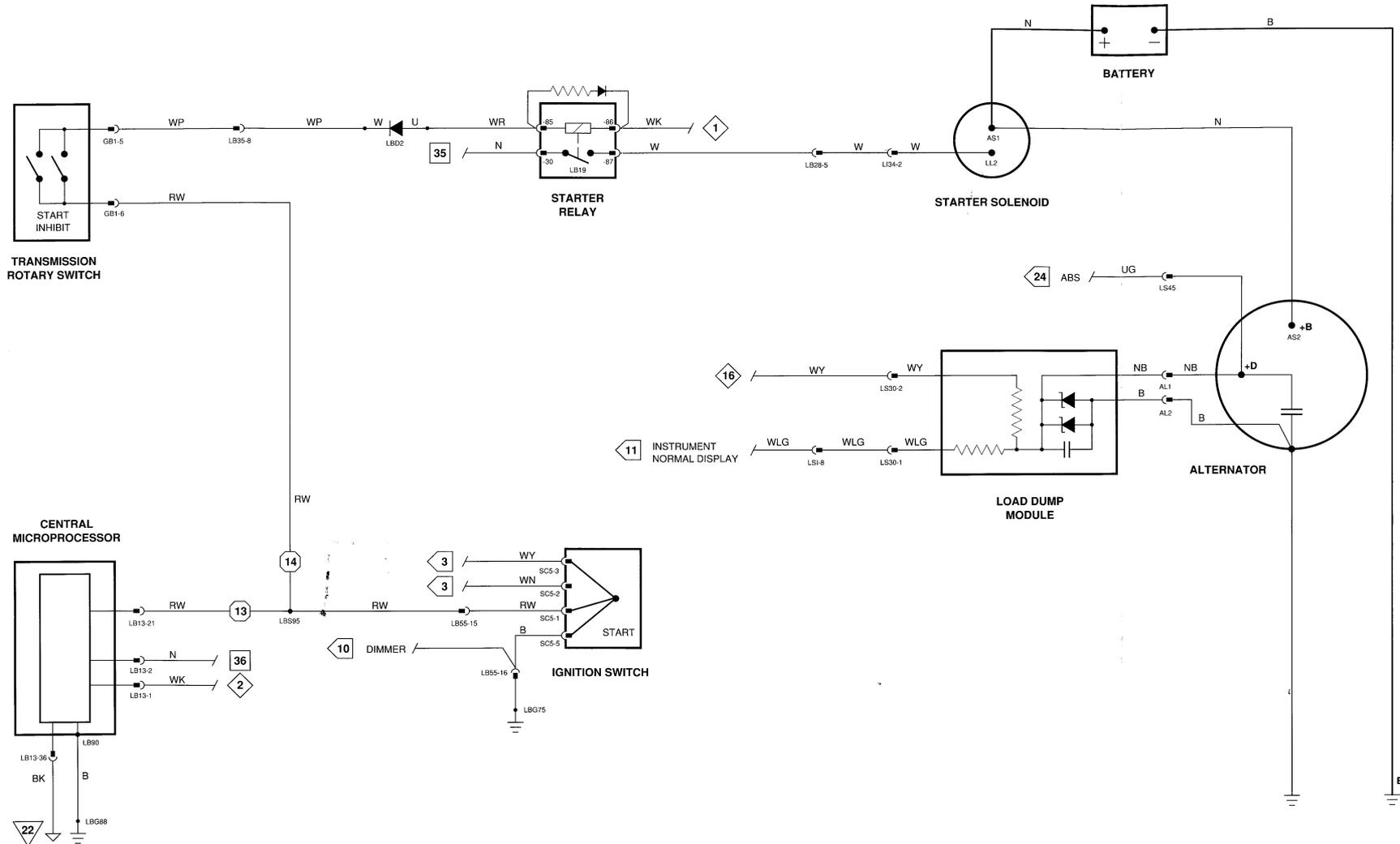
CODE	DESCRIPTION	LOCATION / INTERFACE
LBG75	EYELET	BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

## INPUTS / OUTPUTS

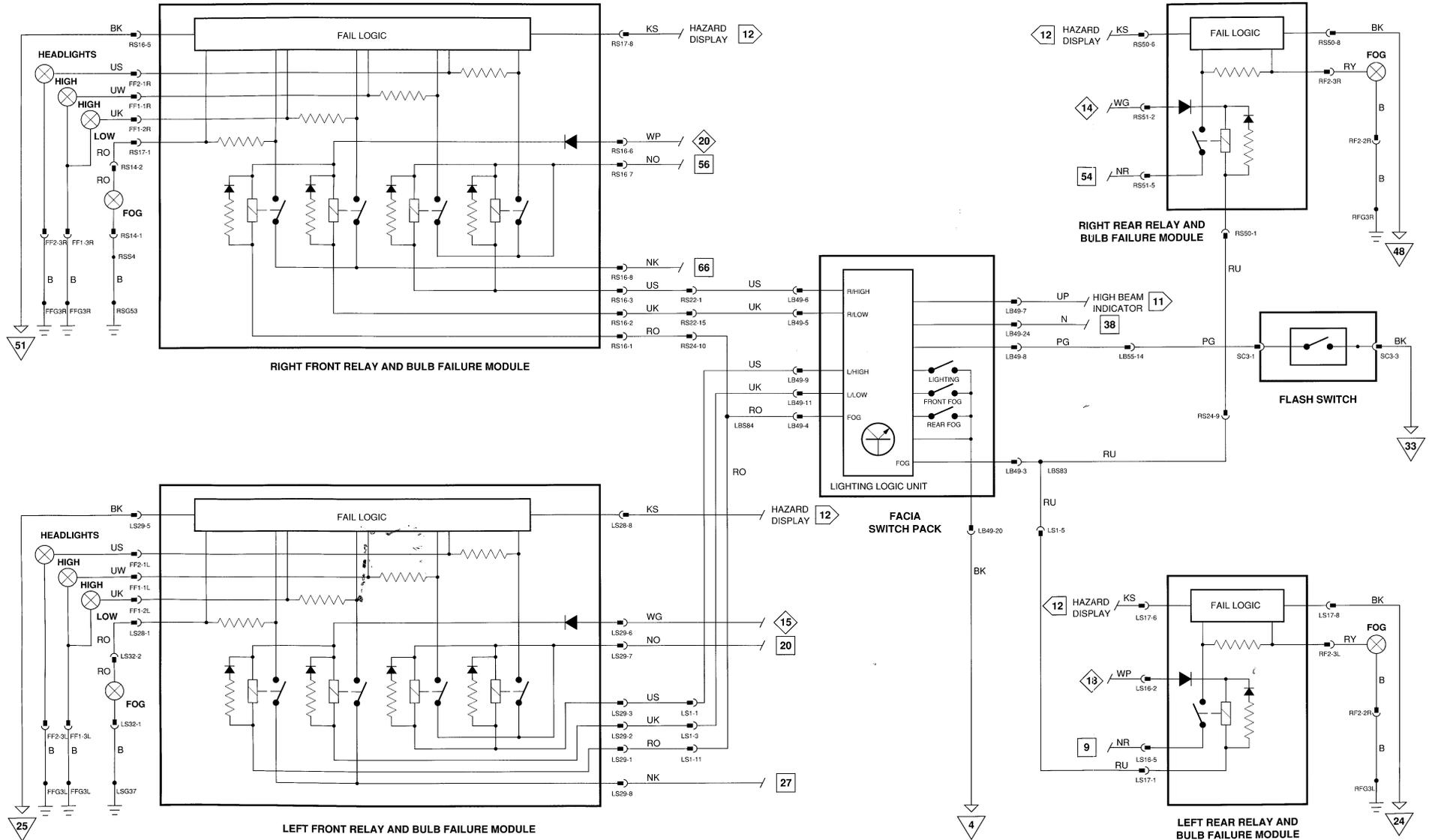
### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB13-1	IN	IGNITION POWER	12V	0V
LB13-2	IN	DOOR KEY SWITCHES	UNLOCK: GROUND	OPEN CIRCUIT
LB13-21	IN	IGNITION GROUND	KEY ON: GROUND	KEY OFF: OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND









## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
FACIA SWITCH PACK	ABOVE STEERING COLUMN	DASH UNDER PANEL, LEFT
RELAY AND BULB FAILURE MODULE—LEFT FRONT	BEHIND LEFT HEADLIGHTS	ENGINE COMPARTMENT
RELAY AND BULB FAILURE MODULE—LEFT REAR	TRUNK, LEFT, REAR	TRUNK TRIM PANEL
RELAY AND BULB FAILURE MODULE—RIGHT FRONT	BEHIND RIGHT HEADLIGHTS	ENGINE COMPARTMENT
RELAY AND BULB FAILURE MODULE—RIGHT REAR	TRUNK, RIGHT, REAR	TRUNK TRIM PANEL
RELAY—AUXILIARY SIDE LIGHT (LB18)	COMPONENT PANEL	RIGHT DASH UNDER PANEL
TRANSMISSION ROTARY SWITCH	GEARBOX LEFT FRONT CORNER	BELOW VEHICLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GB1	24-WAY PMHD (YELLOW)	CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH
LB18	RELAY BASE (GREEN)	RIGHT DASH UNDER PANEL / AUXILIARY SIDE LIGHT RELAY
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / REVERSE LIGHTS
LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS15	5-WAY AMP SOCKET (WHITE)	TRUNK, LEFT, REAR / REAR LIGHT CLUSTER
LS16	6-WAY PM4 (BLACK)	TRUNK TRIM PANEL, LR / BULB FAIL MODULE
LS17	15-WAY PMHD (BLACK)	TRUNK TRIM PANEL, LR / BULB FAIL MODULE
LS28	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, LF / BULB FAIL MODULE
LS29	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, LF / BULB FAIL MODULE
LS31	3-WAY PM4 (GREEN)	BEHIND FRONT VALANCE / LEFT SIDE MARKER LIGHT
LS38	3-WAY PM4 (BLACK)	BEHIND FRONT VALANCE / LEFT DIRECTIONAL LIGHT
LS58	2-WAY PMHD (BLACK)	TRUNK BULKHEAD TRIM PANEL / RS HARNESS
RF1	2-WAY ECONOSEAL (BLACK)	BEHIND LEFT AND RIGHT TRUNK TRIM PANELS / REAR SIDE MARKER LIGHT
RS12	3-WAY PM4 (BLACK)	BEHIND FRONT VALANCE / RIGHT DIRECTIONAL LIGHT
RS13	2-WAY PM4 (GREEN)	BEHIND FRONT VALANCE / RIGHT SIDE MARKER LIGHT
RS16	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, RF / BULB FAIL MODULE
RS17	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, RF / BULB FAIL MODULE
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS42	.187 BLADE RECEPTACLE	INNER TRUNK LID PANEL / LICENSE PLATE LIGHT
RS43	.187 BLADE RECEPTACLE	INNER TRUNK LID PANEL / LICENSE PLATE LIGHT
RS45	.187 BLADE RECEPTACLE	INNER TRUNK LID PANEL / LICENSE PLATE LIGHT
RS46	.187 BLADE RECEPTACLE	INNER TRUNK LID PANEL / LICENSE PLATE LIGHT
RS50	15-WAY PMHD (BLACK)	BEHIND TRUNK TRIM PANEL, RIGHT / BULB FAIL MODULE
RS51	4-WAY PM4 (BLACK)	BEHIND TRUNK TRIM PANEL, RIGHT / BULB FAIL MODULE
RS52	5-WAY AMP (WHITE)	TRUNK, RR / REAR LIGHT CLUSTER

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LSG37	EYELET	ENGINE COMPARTMENT, LF / POWER GROUND
LSG56	EYELET	BEHIND TRUNK TRIM PANEL, LR / POWER GROUND
RFG3	EYELET	LEFT AND RIGHT TRUNK SILLS / POWER GROUND
RSG53	EYELET	ENGINE COMPARTMENT, RF / POWER GROUND
RSG55	EYELET	BEHIND TRUNK TRIM PANEL, RR / POWER GROUND

## INPUTS / OUTPUTS

### LIGHTING LOGIC UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB49-14	OUT	LIGHTS ON SIGNAL TO CPU	LIGHTS ON GROUND	APPROX .07V
LB49-18	OUT	AUXILIARY SIDE LIGHT RELAY	GROUND	12V
LB49-20	IN	LOGIC GROUND	GROUND	GROUND
LB49-24	IN	BATTERY POWER	12V	12V



FIG 1



FIG 2



FIG 3



FIG 4





## COMPONENTS

### DESCRIPTION

BRAKE LIGHT SWITCH  
CENTRAL MICROPROCESSOR  
COLUMN SWITCHES  
DIODE (RSD5)  
HAZARD SWITCH  
HIGH MOUNT STOP LIGHT  
RELAY—HIGH MOUNT STOP LIGHT (RS79)  
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

### LOCATION

BRAKE PEDAL BOX  
BEHIND GLOVE BOX  
STEERING COLUMN  
TRUNK, RIGHT, REAR  
FACIA SWITCH PACK  
REAR WINDOW  
TRUNK, RIGHT, REAR  
BEHIND LEFT HEADLIGHTS  
TRUNK, LEFT, REAR  
BEHIND RIGHT HEADLIGHTS  
TRUNK, RIGHT, REAR

### ACCESS

DRIVER FOOTWELL  
UNDER DASH PANEL, RIGHT  
STEERING COLUMN COVER  
RIGHT TRUNK TRIM PANEL  
DASH UNDER PANEL, LEFT  
HIGH MOUNT STOP LIGHT COVER  
TRIM PANEL  
ENGINE COMPARTMENT  
TRUNK TRIM PANEL  
ENGINE COMPARTMENT  
TRUNK TRIM PANEL

## CONNECTORS

### CODE

### DESCRIPTION

### LOCATION / INTERFACE

HMI	3-WAY PLUG	HIGH MOUNT STOP LIGHT COVER / STOP LIGHT
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LB56	2-WAY PMHD (YELLOW)	DRIVER FOOTWELL, PEDAL BOX / BRAKE SWITCH
LB90	EYELET	PASSENGER FOOTWELL, 'A' POST / CPU GROUND
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS2	15-WAY PMHD (YELLOW)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS3	9-WAY PM4 (BLACK)	LEFT 'A' POST / LB HARNESS
LS15	5-WAY AMP SOCKET (WHITE)	TRUNK, LEFT REAR / REAR LIGHT CLUSTER
LS16	6-WAY PM4 (BLACK)	TRUNK TRIM PANEL, LEFT REAR / BULB FAIL MODULE
LS17	15-WAY PMHD (BLACK)	TRUNK TRIM PANEL, LEFT REAR / BULB FAIL MODULE
LS19	3-WAY ECONOSEAL (BLACK)	NOT USED
LS28	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, LEFT FRONT / BULB FAIL MODULE
LS29	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, LEFT FRONT / BULB FAIL MODULE
LS38	3-WAY PM4 (BLACK)	BEHIND FRONT VALANCE / LEFT DIRECTIONAL LIGHT
RS12	3-WAY PM4 (BLACK)	BEHIND FRONT VALANCE / RIGHT DIRECTIONAL LIGHT
RS16	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, RIGHT FRONT / BULB FAIL MODULE
RS17	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, RIGHT FRONT / BULB FAIL MODULE
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS26	2-WAY ECONOSEAL	NOT USED
RS50	15-WAY PMHD (BLACK)	BEHIND TRUNK TRIM PANEL, RIGHT / BULB FAIL MODULE
RS51	4-WAY PM4 (BLACK)	BEHIND TRUNK TRIM PANEL, RIGHT / BULB FAIL MODULE
RS52	5-WAY AMP SOCKET (WHITE)	TRUNK, RIGHT REAR / REAR LIGHT CLUSTER
RS71	3-WAY	REAR PARCEL SHELF / HIGH MOUNT STOP LIGHT
RS79	RELAY BASE	TRUNK TRIM PANEL, RIGHT / HIGH MOUNT STOP LIGHT RELAY
RS87	6-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS
SC3	6-WAY PMHD (BLUE)	STEERING COLUMN COVER / DIRECTIONAL SWITCH
SC4	6-WAY PMHD (BROWN)	STEERING COLUMN COVER / SPEAKER, DI CANCEL SWITCH

## GROUNDS

### CODE

### DESCRIPTION

### LOCATION / INTERFACE

LBG72	EYELET	DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND
LBG80	EYELET	PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND
LSG37	EYELET	ENGINE COMPARTMENT, LEFT FRONT / POWER GROUND
LSG56	EYELET	TRUNK TRIM PANEL, LEFT REAR / POWER GROUND
RSG53	EYELET	ENGINE COMPARTMENT, RIGHT FRONT / POWER GROUND
RSG55	EYELET	BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-6	IN	HAZARD WARNING	GROUND	OPEN CIRCUIT
LB13-9	IN	RIGHT TURN SIGNAL	GROUND PULSE	OPEN CIRCUIT
LB13-10	IN	LEFT TURN SIGNAL	GROUND PULSE	OPEN CIRCUIT
LB13-11	IN	LEFT TURN CANCEL	GROUND PULSE	OPEN CIRCUIT
LB13-12	IN	CENTER TURN CANCEL	GROUND PULSE	OPEN CIRCUIT
LB13-13	IN	RIGHT TURN CANCEL	GROUND PULSE	OPEN CIRCUIT
LB13-14	IN	TURN SIGNAL BULB FAIL	FAIL: GROUND	PASS: 5V
LB13-15	IN	TURN SIGNAL BULB FAIL	FAIL: GROUND	PASS: 5V
LB13-27	IN	BULB MODULE DISCONNECT LOOP	FAIL: 5V	PASS: GROUND
LB13-28	IN	BULB MODULE DISCONNECT LOOP	FAIL: 5V	PASS: GROUND
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-2	OUT	TURN SIGNAL BULB FAIL	12V	GROUND
LB14-6	OUT	4-WAY FLASH INDICATION	STAGGERED PULSE TO GROUND	12V
LB14-7	OUT	RIGHT TURN SIGNAL	STAGGERED PULSE TO GROUND	12V
LB14-8	OUT	LEFT TURN SIGNAL	STAGGERED PULSE TO GROUND	12V
LB14-9	OUT	RIGHT TURN SIGNAL INDICATOR	STAGGERED PULSE TO GROUND	5V
LB14-10	OUT	LEFT TURN SIGNAL INDICATOR	STAGGERED PULSE TO GROUND	5V
LB14-14	OUT	TURN SIGNAL AUDIBLE WARNING	STAGGERED PULSE TO GROUND	5V

### COLUMN SWITCHES

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB55-3	OUT	LEFT TURN SIGNAL CANCEL SWITCH	GROUND	OPEN CIRCUIT
LB55-4	OUT	CENTER TURN SIGNAL CANCEL SWITCH	GROUND	OPEN CIRCUIT
LB55-5	OUT	RIGHT TURN SIGNAL CANCEL SWITCH	GROUND	OPEN CIRCUIT
LB55-6	OUT	LEFT TURN SIGNAL SWITCH	GROUND	OPEN CIRCUIT
LB55-7	OUT	RIGHT TURN SIGNAL SWITCH	GROUND	OPEN CIRCUIT



FIG 1

FIG 2

FIG 3

FIG 4



## COMPONENTS

### DESCRIPTION

CENTER CONSOLE SWITCHES  
CENTRAL MICROPROCESSOR  
DIODE—LBD8  
DIODE—RSD6  
DOOR GUARD LIGHTS  
DOOR SWITCH PANEL  
DOOR SWITCH  
'E' POST LIGHT—LEFT  
'E' POST LIGHT—RIGHT  
FACIA SWITCH PACK  
GLOVE BOX LIGHT  
GLOVE BOX SWITCH  
HOOD SWITCH  
RELAY—AUXILIARY SIDE LIGHT (LB18)  
RELAY—DOOR GUARD LIGHT (LB108)  
ROOF CONSOLE  
TRUNK LIGHT  
TRUNK SWITCH  
UNDERHOOD LIGHTS

### LOCATION

CENTER CONSOLE  
BEHIND GLOVE BOX  
LEFT OF GLOVE BOX W/LB26  
ABOVE SOLENOID VALVE BLOCK  
DOOR ARM REST  
DOOR ARM REST  
DOOR LATCH  
LEFT 'E' POST  
RIGHT 'E' POST  
ABOVE STEERING COLUMN  
DASH GLOVE BOX  
DASH GLOVE BOX  
RADIATOR BRACE, RF  
COMPONENT PANEL  
COMPONENT PANEL  
HEAD LINER, CENTER FRONT  
TRUNK LID, REAR FACE  
RIGHT TRUNK LID HINGE  
UNDER ENGINE HOOD

### ACCESS

CONSOLE SKI SLOPE PANEL  
UNDER DASH PANEL, RIGHT  
RIGHT DASH UNDER PANEL  
ENGINE COMPARTMENT, RIGHT  
DOOR LOWER TRIM PANEL  
DOOR LOWER TRIM PANEL  
DOOR LOWER TRIM PANEL  
'E' POST TRIM  
'E' POST TRIM  
DASH UNDER PANEL, LEFT  
DASH GLOVE BOX  
DASH GLOVE BOX  
ENGINE COMPARTMENT  
RIGHT DASH UNDER PANEL  
RIGHT DASH UNDER PANEL  
REMOVABLE PANEL  
TRUNK  
TRUNK  
ENGINE HOOD

## CONNECTORS

### CODE DESCRIPTION

BH1 3-WAY ECONOSEAL (RED)  
BH2 3-WAY ECONOSEAL (RED)  
CB1 SLIM LOCK TERMINAL  
CB2 SLIM LOCK TERMINAL  
CB3 SLIM LOCK TERMINAL  
CB4 SLIM LOCK TERMINAL  
DD2 24-WAY PMHD (YELLOW)  
DD9 6-WAY PM4 (BLACK)  
DD12 2-WAY PMHD (BLUE)  
DS2 .250 BLADE RECEPTACLE  
DS3 .250 BLADE RECEPTACLE  
DS4 2-WAY ECONOSEAL (BLACK)  
IL2 POSITIVE LOCK RECEPTACLE  
IL3 POSITIVE LOCK TERMINAL  
IL4 .250 BLADE RECEPTACLE  
IL7 5-WAY PIN CONNECTOR (BLACK)  
IL8 5-WAY PIN CONNECTOR (BLACK)  
LB6 4-WAY PMHD (BLACK)  
LB8 24-WAY PMHD (BLACK)  
LB12 3-WAY PM4 (BLACK)  
LB13 36-WAY PMHD (BLACK)  
LB14 36-WAY PMHD (YELLOW)  
LB18 RELAY BASE (GREEN)  
LB26 24-WAY PMHD (BLACK)  
LB30 15-WAY PMHD (BLUE)  
LB49 24-WAY PMHD (GREEN)  
LB61 36-WAY PMHD (BLACK)  
LB108 RELAY BASE (YELLOW)

### LOCATION / INTERFACE

HOOD SOUND DEADENER / UNDER HOOD LAMP  
HOOD SOUND DEADENER / UNDER HOOD LAMP  
GLOVE BOX / LAMP  
GLOVE BOX / LAMP  
GLOVE BOX / SWITCH  
GLOVE BOX / SWITCH  
DOOR TRIM, LOWER / DOOR SWITCH PANEL  
DOOR, INNER / DOOR LATCH SWITCH  
DOOR TRIM, LOWER / DOOR SWITCH PANEL  
DOOR TRIM, LOWER / DOOR GUARD LAMP  
DOOR TRIM, LOWER / DOOR GUARD LAMP  
DOOR TRIM, LOWER / DOOR GUARD LAMP  
FRONT SEAT HEADREST / READING LAMP  
FRONT SEAT HEADREST / READING LAMP  
FRONT SEAT HEADREST / READING LAMP  
UNDER PASS. SEAT CUSHION / SEAT BACK IL HARNESS  
UNDER DRIV. SEAT CUSHION / SEAT BACK IL HARNESS  
ROOF CONSOLE PANEL / MAP LIGHT  
INSIDE RIGHT 'A' POST / PD HARNESS  
RIGHT DASH UNDER PANEL / CPU  
RIGHT DASH UNDER PANEL / CPU  
RIGHT DASH UNDER PANEL / CPU  
RIGHT DASH UNDER PANEL / AUX. SIDE LIGHT RELAY  
RIGHT DASH UNDER PANEL / GLOVE BOX LIGHT  
CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL  
LEFT DASH UNDER PANEL / FACIA SWITCH PACK  
INSIDE LEFT 'A' POST / DD HARNESS  
RIGHT DASH UNDER PANEL / DOOR GUARD LIGHT RELAY

### CODE

LB119 5-WAY PIN CONNECTOR (BLACK)  
LB120 5-WAY PIN CONNECTOR (BLACK)  
LB122 AMP IN-LINE  
LB123 AMP IN-LINE  
LB124 AMP IN-LINE  
LB125 AMP IN-LINE  
LS1 36-WAY PMHD (BLACK)  
LS2 15-WAY PMHD (YELLOW)  
LS6 6-WAY PMHD (BLACK)  
LS42 2-WAY ECONOSEAL  
PD2 6-WAY PM4 (BLACK)  
PD8 6-WAY PMHD (YELLOW)  
PD15 2-WAY PMHD (BLUE)  
PS2 .250 BLADE RECEPTACLE  
PS3 .250 BLADE RECEPTACLE  
PS4 2-WAY ECONOSEAL (BLACK)  
RD2 6-WAY PM4 (BLUE)  
RD5 6-WAY PMHD (YELLOW)  
RD7 2-WAY PMHD (BLUE)  
RS1 2-WAY ECONOSEAL (RED)  
RS22 36-WAY PMHD (BLACK)  
RS24 24-WAY PMHD (YELLOW)  
RS31 6-WAY PMHD (BLACK)  
RS32 16-WAY PMHD (BLACK)  
RS41 2-WAY PMHD (YELLOW)  
RS47 .250 BLADE RECEPTACLE  
RS54 2-WAY ECONOSEAL (BLACK)  
RS64 2-WAY ECONOSEAL (BLACK)

### LOCATION / INTERFACE

CARPET UNDER DRIV. SEAT / DRIVER SIDE IL HARNESS  
CARPET UNDER PASS. SEAT / PASS. SIDE IL HARNESS  
ABOVE ROOF CONSOLE / RIGHT VANITY MIRROR  
ABOVE ROOF CONSOLE / RIGHT VANITY MIRROR  
ABOVE ROOF CONSOLE / LEFT VANITY MIRROR  
ABOVE ROOF CONSOLE / LEFT VANITY MIRROR  
LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS  
LEFT 'E' POST, UNDER DASH PANEL / LB HARNESS  
LEFT 'B/C' POST LINER / RD HARNESS  
LEFT 'E' POST TRIM / MAP READING LIGHT  
DOOR, INNER / DOOR LATCH SWITCH  
DOOR TRIM, LOWER / DOOR SWITCH PANEL  
DOOR TRIM, LOWER / DOOR SWITCH PANEL  
DOOR TRIM, LOWER / DOOR GUARD LIGHT  
DOOR TRIM, LOWER / DOOR GUARD LIGHT  
DOOR TRIM, LOWER / DOOR GUARD LIGHT  
DOOR, INNER / DOOR LATCH SWITCH  
DOOR TRIM, UPPER / DOOR SWITCH PANEL  
DOOR TRIM, LOWER / DOOR SWITCH PANEL  
RIGHT RADIATOR SUPPORT / UNDER HOOD LIGHTS  
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS  
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS  
RIGHT LOWER 'B/C' POST TRIM / RD HARNESS  
RIGHT LOWER 'B/C' POST TRIM / RD HARNESS  
INNER TRUNK LID PANEL / TRUNK LIGHT  
RIGHT TRUNK LID HINGE / TRUNK LIGHT SWITCH  
ENGINE COMPARTMENT, RF / HOOD LIGHT SWITCH  
RIGHT 'E' POST TRIM / MAP READING LIGHT

## GROUNDS

### CODE DESCRIPTION

LBG72 EYELET  
LBG88 EYELET  
LSG39 EYELET  
RSG55 EYELET

### LOCATION / INTERFACE

DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND  
RIGHT BULKHEAD, BEHIND DASH / POWER GROUND  
BEHIND TRUNK TRIM PANEL, LEFT REAR / POWER GROUND  
BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT
LB12-2	IN	BATTERY POWER
LB13-1	IN	IGNITION POWER
LB13-18	IN	PASSENGER DOOR SWITCHES
LB13-20	IN	DRIVERS DOOR SWITCH
LB13-21	IN	IGNITION GROUND
LB13-35	IN	INTERIOR LIGHTS
LB13-36	IN	LOGIC GROUND
LB14-13	OUT	INTERIOR LIGHTS
LB14-36	OUT	CENTER CONSOLE PANEL GROUND

### ACTIVE

12V  
12V  
DOOR OPEN: GROUND  
GROUND  
KEY ON: GROUND  
GROUND  
GROUND  
GROUND: 0V  
GROUND: 0V

### INACTIVE

12V  
0V  
DOOR CLOSED: OPEN CIRCUIT  
OPEN CIRCUIT  
KEY OFF: OPEN CIRCUIT  
OPEN CIRCUIT  
GROUND  
12V  
GROUND: 0V

### CENTER CONSOLE SWITCH

CODE	IN / OUT	CIRCUIT
LB30-5	OUT	MAP LIGHT SWITCH
LB30-6	IN	INTERIOR LIGHT SWITCH
LB30-15	IN	POWER GROUND

### ACTIVE

GROUND  
GROUND

### INACTIVE

12V  
OPEN CIRCUIT

### LIGHTING LOGIC UNIT

CODE	IN / OUT	CIRCUIT
LB49-14	OUT	LIGHTS ON SIGNAL TO CPU
LB49-18	OUT	AUXILIARY SIDE LIGHT RELAY
LB49-20	IN	LOGIC GROUND
LB49-24	IN	BATTERY POWER

### ACTIVE

LIGHTS ON: GROUND  
GROUND  
GROUND  
12V

### INACTIVE

LIGHTS OFF: APPROX .07V  
12V  
GROUND  
12V



BATTERY POWER

FIG 1



IGNITION POWER

FIG 2



IGNITION SWITCHED GROUND

FIG 3



LOGIC GROUND

FIG 4



FIG NUMBER REFERENCE



## COMPONENTS

### DESCRIPTION

CENTER CONSOLE  
CENTRAL MICROPROCESSOR  
CIGAR LIGHTER—FRONT  
CIGAR LIGHTER—REAR  
CLIMATE CONTROL PANEL  
COLUMN SWITCHES  
DIODE—LBD11  
FACIA SWITCH PACK  
GEAR POSITION INDICATOR MODULE  
INSTRUMENT PACK  
RADIO  
RELAY—AUXILIARY SIDE LIGHT (LB18)  
RELAY—RADIO LIGHTING (LB92)  
TRANSMISSION MODE SWITCH

### LOCATION

CENTER CONSOLE  
BEHIND GLOVE BOX  
CENTER CONSOLE ASHTRAY  
CENTER CONSOLE REAR PANEL  
CENTER CONSOLE  
STEERING COLUMN  
RIGHT LOWER 'A' POST, FORWARD  
ABOVE STEERING COLUMN  
'J' GATE  
DRIVER SIDE DASH  
CENTER CONSOLE  
COMPONENT PANEL  
PASSENGER FOOTWELL, 'A' POST  
'J' GATE

### ACCESS

CONSOLE SKI SLOPE PANEL  
UNDER DASH PANEL, RIGHT  
ASHTRAY  
CENTER GLOVE BOX  
CONSOLE SKI SLOPE PANEL  
STEERING COLUMN COVER  
PASSENGER FOOTWELL  
UNDER DASH PANEL, LEFT  
CONSOLE SKI SLOPE PANEL  
UNDER DASH PANEL, LEFT  
CONSOLE SKI SLOPE PANEL  
RIGHT DASH UNDER PANEL  
TRIM PANEL  
'J' GATE SURROUND

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE	CODE	DESCRIPTION	LOCATION / INTERFACE
AC1	24-WAY PMHD (YELLOW)	CENTER CONSOLE / AC CONTROL PANEL	LB43	4-WAY ECONOSEAL (WHITE)	CENTER CONSOLE / REAR CIGAR LIGHTER
GB2	15-WAY PMHD (BLACK)	CENTER CONS. SKI SLOPE PANEL / GB ILLUM. MODULE	LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
GB3	6-WAY AMP (WHITE)	CENTER CONS. SKI SLOPE PANEL / SPORT SWITCH	LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU	LB66	15-WAY PMHD (BLACK)	CENTER CONSOLE, AC CONTROL PANEL / AC HARNESS
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU	LB92	RELAY BASE (YELLOW)	PASSENGER FOOTWELL, 'A' POST / RADIO LIGHT. RELAY
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU	LB132	24-WAY PMHD (BROWN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LB18	RELAY BASE (GREEN)	RIGHT DASH UNDER PANEL / AUXILIARY SIDE LT. RELAY	LB134	24-WAY GROTE (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK
LB30	15-WAY PMHD (BLUE)	CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL	LB135	48-WAY GROTE (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK
LB33	15-WAY PMHD (YELLOW)	CENTER CONSOLE / RADIO	LB157	4-WAY ECONOSEAL (WHITE)	CENTER CONS. SKI SLOPE PANEL / FRONT CIGAR LIGHTER
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / GEAR POS. INDICATOR MODULE	LB158	4-WAY ECONOSEAL (WHITE)	CENTER CONS. SKI SLOPE PANEL / REAR CIGAR LIGHTER
LB38	4-WAY ECONOSEAL (WHITE)	CENTER CONSOLE / FRONT CIGAR LIGHTER	SCI	6-WAY PMHD (BLACK)	STEERING COLUMN COVER / DIMMER MODULE

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG73	EYELET	CENTER CONSOLE ASHTRAY / POWER GROUND
LBG75	EYELET	BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-7	IN	INSTRUMENT LIGHTING	LIGHTS ON: GROUND	LIGHTS OFF: OPEN CIRCUIT
LB13-16	OUT	TIME CLOCK MEMORY	12V	0V
LB13-17	IN	KEY BOARD LIGHTING SWITCH	BUTTON IN: GROUND	BUTTON OUT: OPEN CIRCUIT
LB13-32	IN	CLOCK MOMENTARY LIGHTING	GROUND	OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-24	OUT	KEY BOARD LIGHTING	TIMED GROUND: 0V	DIMMER OUTPUT: 4.5-12V
LB14-29	OUT	INSTRUMENT LIGHTING	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB14-35	OUT	CLOCK DISPLAY W/ KEY ON	12V	0V
LB14-36	OUT	CENTER CONSOLE PANEL GROUND	GROUND: 0V	GROUND: 0V
LB90	IN	POWER GROUND		

### CLIMATE CONTROL PANEL

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC1-18	IN	LIGHTING GROUND	GROUND	GROUND
AC1-20	IN	LOCATE LIGHTING	DIMMER OUTPUT: 4.5-12V	0V
AC1-21	IN	AUXILIARY SIDE LIGHT RELAY	LIGHTS ON: GROUND	LIGHTS OFF: 12V

### CLOCK / CENTER CONSOLE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB30-3	OUT	CLOCK MOMENTARY LIGHTING	MOMENTARY GROUND	OPENCIRCUIT
LB30-7	IN	DIMMER OVERRIDE	DIMMER ACTIVE: GROUND	DIMMER INACTIVE: 12V
LB30-11	IN	LOCATE LIGHTING	DIMMER OUTPUT: 4.5-12V	0V
LB30-13	IN	CLOCK DISPLAY POWER	12V	0V
LB30-14	IN	PERMANENT POWER	12V	12V
LB30-15	IN	POWER GROUND	GROUND	GROUND

### COLUMN SWITCHES

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB55-9	OUT	DIMMER OVERRIDE SWITCH	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB55-12	IN	BATTERY POWER	12V	12V
LB55-13	OUT	DIMMER CONTROL	4.5-12V	0V
LB55-16	IN	POWER GROUND		
LB55-20	OUT	DIMMER OVERRIDE SWITCH	DIMMER ACTIVE: GROUND	DIMMER INACTIVE: 12V
LB55-23	IN	DIMMER OVERRIDE SWITCH	LIGHTS ON: GROUND	LIGHTS OFF: APPROX .04V

### INSTRUMENT PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB134-3	IN	LOGIC GROUND	GROUND	GROUND
LB134-4	IN	LOGIC GROUND	GROUND	GROUND
LB134-10	IN	GENERAL LIGHTING	12V	0V
LB135-38	IN	LCD MESSAGE DISPLAY LIGHTING	12V	0V

### FACIA SWITCH PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB49-1	IN	FACIA LOCATE ILLUMINATION	DIMMER OUTPUT: 4.5-12V	0V
LB49-2	OUT	GEAR POSITION LIGHTING	KEY ON: 10V	KEY OFF: 0V
LB49-14	OUT	LIGHTS ON SIGNAL TO CPU	LIGHTS ON: GROUND	LIGHTS OFF: APPROX .07V
LB49-18	OUT	AUXILIARY SIDE LIGHT RELAY	GROUND	12V
LB49-20	IN	LOGIC GROUND	GROUND	GROUND
LB49-21	OUT	LIGHTS ON SIGNAL TO DIMMER CONTROL	LIGHTS ON: GROUND	LIGHTS OFF: APPROX .04V
LB49-22	IN	IGNITION POWER	12V	0V
LB49-24	IN	BATTERY POWER	12V	12V
LB132-3	IN	FACIA LOCATE ILLUMINATION	DIMMER OUTPUT: 4.5-12V	0V
LB132-16	IN	KEYBOARD ILLUMINATION	BUTTON IN: GROUND	0V
LB132-17	OUT	KEYBOARD ILLUMINATION	TIMED GROUND	12V



FIG 1



FIG 2



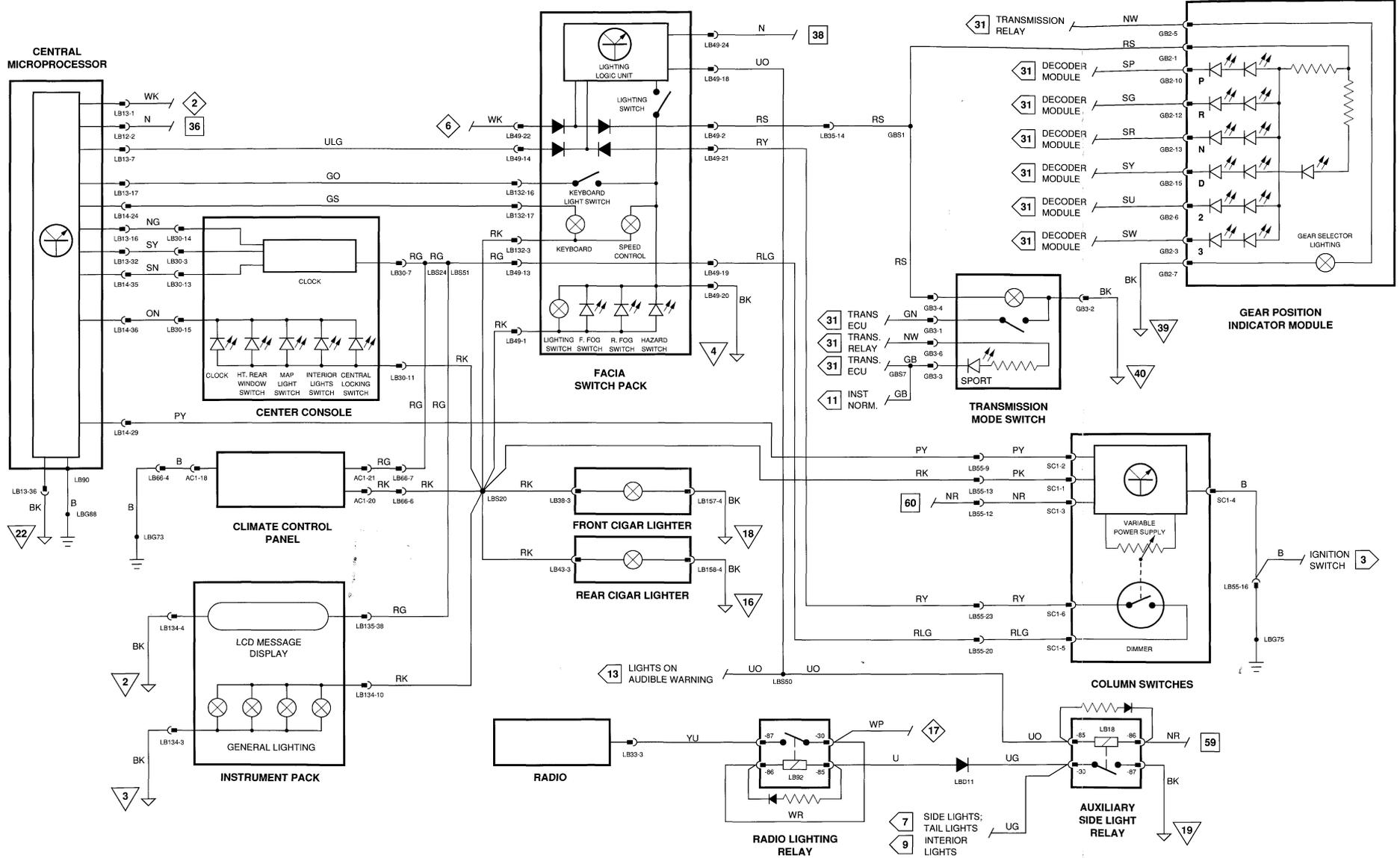
FIG 3



FIG 4



FIG 5



## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
COOLANT TEMPERATURE TRANSMITTER	THERMOSTAT HOUSING	ENGINE COMPARTMENT, LF
DIAGNOSTIC SOCKET	DRIVER FOOTWELL, 'A' POST	TRIM PANEL
FUEL LEVEL TRANSMITTER	FUEL TANK	TRUNK BULKHEAD TRIM PANEL
INSTRUMENT PACK	DRIVER SIDE DASH	DASH UNDER PANEL, LEFT
OIL PRESSURE TRANSMITTER	ENGINE BLOCK, LEFT	ENGINE COMPARTMENT, UNDER
SPEED SENSOR	DIFFERENTIAL SHAFT, LEFT OUTPUT	REAR SUBFRAME, UNDER
TRIP COMPUTER KEYBOARD	FACIA SWITCH PACK	DASH UNDER PANEL, LEFT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB27	6-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / LI HARNESS
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / TRANSMISSION MODE SWITCH
LB132	24-WAY PMHD (BROWN)	LEFT UNDER DASH PANEL / FACIA SWITCH PACK
LB134	24-WAY GROTE (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK
LB135	48-WAY GROTE (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK
LB145	6-WAY PM4 (BROWN)	DRIVER FOOTWELL / INSTRUMENT PACK SERIAL PORT
LI27	EYELET (BLACK)	ENGINE COMPARTMENT / IGNITION COIL
LI52	.250 LUCAR	THERMOSTAT HOUSING, ENGINE, LEFT FRONT / COOLANT TEMP. TRANSMITTER
LI53	.250 LUCAR	ENGINE, LEFT / OIL PRESSURE TRANSMITTER
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS30	3-WAY PM4 (BLUE)	UNDER AIR FILTER HOUSING / LOAD DUMP MODULE
RS7	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, ABOVE IGNITION COIL / LI HARNESS
RS22	36-WAYPMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS34	.250 BLADE RECEPTACLE	TRUNK BULKHEAD TRIM / FUEL TANK SENDER
RS58	4-WAY PMHD (BLACK)	TRUNK BULKHEAD TRIM / SPEED SENSOR
RS65	3-WAY PM4 (YELLOW)	NOT USED
RS72	.250 BLADE RECEPTACLE	TRUNK BULKHEAD TRIM / FUEL TANK SENDER

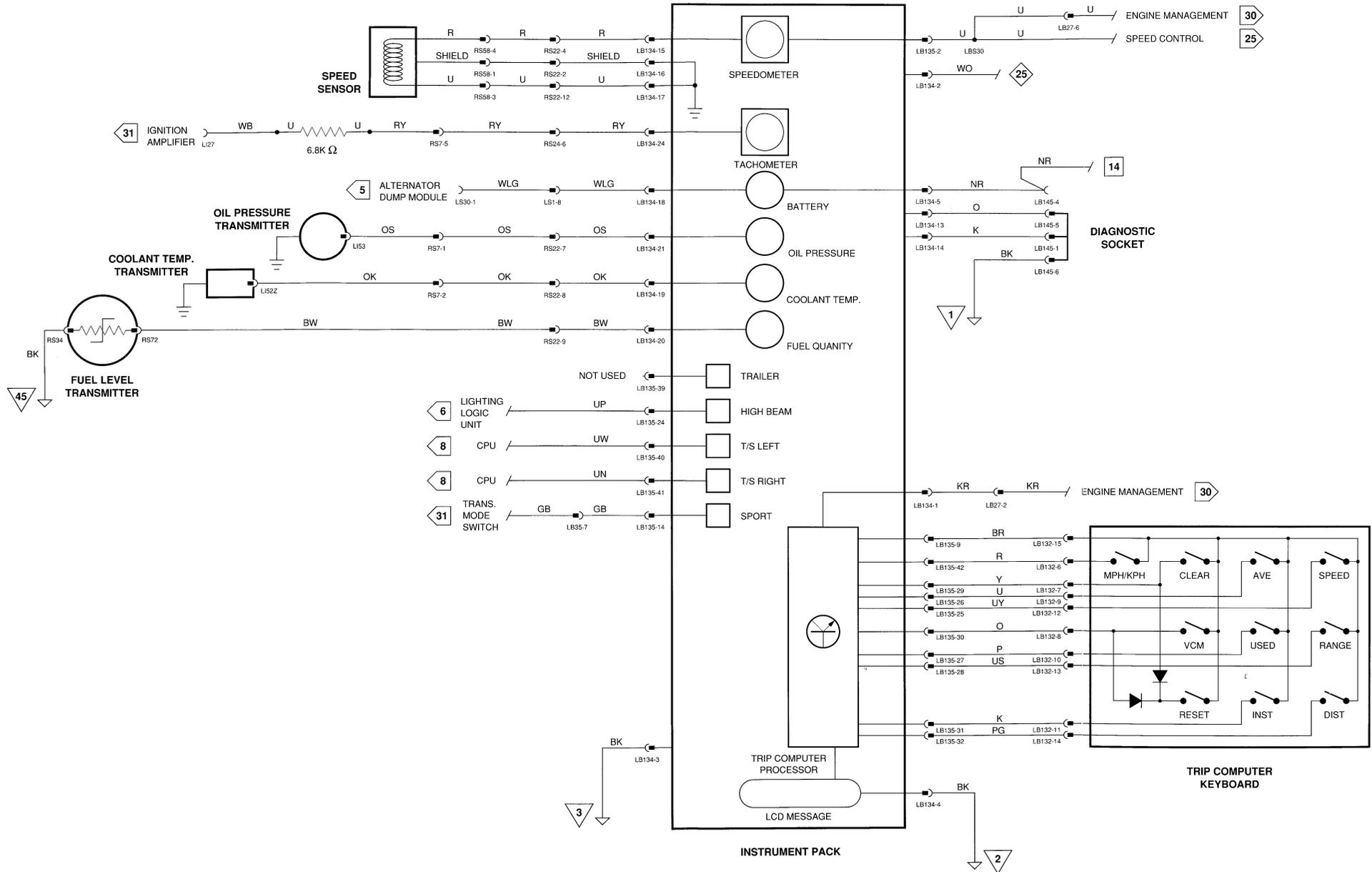
## INPUTS / OUTPUTS

### INSTRUMENT PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB134-1	IN	FUEL FLOW	PULSED SIGNAL	0V
LB134-2	IN	IGNITION SWITCHED POWER	12V	0V
LB134-3	IN	LOGIC GROUND	GROUND	GROUND
LB134-4	IN	LOGIC GROUND	GROUND	GROUND
LB134-5	OUT	DIAGNOSTIC SOCKET	GROUND	GROUND
LB134-13	OUT	DIAGNOSTIC SOCKET	GROUND	GROUND
LB134-14	OUT	DIAGNOSTIC SOCKET	GROUND	GROUND
LB134-15	IN	ROAD SPEED SENSOR	PULSED SIGNAL	2.5V
LB134-16	IN	ROAD SPEED SENSOR GROUND	GROUND	GROUND
LB134-17	IN	ROAD SPEED SENSOR GROUND	GROUND	GROUND
LB134-18	IN	BATTERY CHARGE WARNINGS	WARNING LIT: 1.5V	WARNING OUT: 13.5V
LB134-19	IN	COOLANT TEMPERATURE TRANSMITTER	MAX READING: GROUND	MIN READING: 5V
LB134-20	IN	FUEL LEVEL TRANSMITTER	MAX READING: GROUND	MIN READING: 5V
LB134-21	IN	OIL PRESSURE TRANSMITTER	MAX READING: GROUND	MIN READING: GROUND
LB134-24	IN	TACHOMETER	PULSED SIGNAL	12V
LB135-2	OUT	ROAD SPEED SENSOR OUTPUT	PULSED SIGNAL	5V
LB135-9	OUT	TRIP COMPUTER GROUND	GROUND	GROUND
LB135-14	IN	GEARBOX SPORT MODE WARNING	GROUND	5V
LB135-24	IN	HIGH BEAM WARNING	GROUND	5V
LB135-25	IN	AVERAGE SPEED	GROUND	5V
LB135-26	IN	AVERAGE FUEL MPG	GROUND	5V
LB135-27	IN	TOTAL FUEL USED	GROUND	5V
LB135-28	IN	TRIP COMPUTER RANGE	GROUND	5V
LB135-29	IN	TRIP MEMORY CLEAR	GROUND	5V
LB135-30	IN	VCM CONTROL	GROUND	5V
LB135-31	IN	TRIP INSTANT FUEL USED	GROUND	5V
LB135-32	IN	TRIP TOTAL DISTANCE	GROUND	5V
LB135-39	NOT USED			
LB135-40	IN	TURN SIGNAL—LEFT	GROUND	5V
LB135-41	IN	TURN SIGNAL—RIGHT	GROUND	5V
LB135-42	IN	MPH / KILOMETER SELECT	GROUND	5V

### SPEED SENSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RS58-1	IN	POWER GROUND	GROUND	GROUND
RS58-3	OUT	ROAD SPEED SIGNAL	GROUND TO A.C.V. SIGNAL	2.5V DC
RS58-4	OUT	ROAD SPEED SIGNAL	A.C.V. SIGNAL	2.5V DC



## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
DOOR SWITCH	DOOR LATCH	DOOR TRIM LOWER PANEL
INSTRUMENT PACK	DRIVER SIDE DASH	DASH UNDER PANEL, LEFT
LOW COOLANT SENSOR	RADIATOR HEADER TANK	ENGINE COMPARTMENT, LEFT
PARK BRAKE SWITCH	PARK BRAKE LEVER	UNDER DRIVER SEAT
SEAT BELT WARNING LIGHT	FACIA SWITCH PACK, LEFT	DASH UNDER PANEL, LEFT
TRUNK SWITCH	TRUNK LID LATCH	TRUNK LID REAR PANEL
WASHER FLUID LEVEL SENSOR	WASHER FLUID BOTTLE	RIGHT VALANCE UNDER PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD9	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
FA1	3-WAY PLUG (BLACK)	FRONT BRAKE CALIPER / BRAKE PAD
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB27	6-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / LI HARNESS
LB31	2-WAY PMHD (YELLOW)	CONSOLE LEFT CARPET / PARK BRAKE SWITCH
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / TRANSMISSION ECU
LB56	2-WAY PMHD (YELLOW)	DRIVER FOOTWELL, PEDAL BOX / BRAKE SWITCH
LB134	24-WAY GROTE (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK
LB135	48-WAY GROTE (BLACK)	BEHIND INSTRUMENT PACK / INSTRUMENT PACK
LB151	5-WAY AMP (BLACK)	RIGHT UNDER DASH PANEL / ALARM SYSTEM FUTURE USE
LB152	5-WAY AMP (BLACK)	RIGHT UNDER DASH PANEL / ALARM SYSTEM FUTURE USE
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS8	6-WAY PMHD (YELLOW)	LEFT 'B/C' POST LINER / RD HARNESS
LS24	3-WAY PM4 (BLACK)	ENGINE COMPARTMENT/ COOLANT LEVEL SENSOR
LS25	3-WAY PM4 (BLACK)	ENGINE COMPARTMENT, LF INNER FENDER / FA HARNESS
PD2	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
RA2	3-WAY PLUG (BLACK)	REAR BRAKE CALIPER / BRAKE PAD
RD2	6-WAY PM4 (BLUE)	DOOR, INNER / DOOR LATCH SWITCH
RS11	2-WAY PM4 (GREEN)	BEHIND RIGHT FRONT VALANCE / WASHER FLUID LEVEL SENSOR
RS20	2-WAY PM4 (BLACK)	ENGINE COMPARTMENT, RF INNER FENDER / FA HARNESS
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS32	6-WAY PMHD (YELLOW)	RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RS35	8-WAY PM4 (BLACK)	TRUNK BULKHEAD TRIM / RA HARNESS
RS59	2-WAY ITT SOCKET (BLACK)	TRUNK LID INNER PANEL / TRUNK WARNING SWITCH

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB14-2	OUT	TURN SIGNAL BULB FAIL	12V	GROUND
LB14-3	OUT	VCM SEAT BELT WARNING	GROUND	12V

### INSTRUMENT PACK

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB134-2	IN	IGNITION SWITCHED POWER	12V	0V
LB135-9	OUT	TRIP COMPUTER GROUND	GROUND	GROUND
LB135-10	IN	BRAKE FLUID LOW	GROUND	5V
LB135-11	IN	BRAKE PAD LOW (BRAKE ON)	GROUND	5V
LB135-12	IN	CIRCUIT FAIL: FUSE 3	GROUND	PASS 8V
LB135-13	IN	WASHER FLUID LOW	12V	GROUND
LB135-15	IN	FASTEN SEAT BELT WARNING	GROUND	12V
LB135-16	IN	TRUNK OPEN WARNING	GROUND	12V
LB135-19	IN	ABS FAIL WARNING	GROUND	12V
LB135-20	IN	DOOR OPEN — LEFT REAR	GROUND	12V
LB135-21	IN	DOOR OPEN — RIGHT REAR	GROUND	12V
LB135-22	IN	FUELING FAULT	GROUND	12V
LB135-31	OUT	BRAKE PAD LOW	12V	12V
LB135-34	IN	BRAKE PAD LOW	FAIL: 0V	PASS: 12V
LB135-35	IN	CIRCUIT FAIL: FUSE 1	GROUND	PASS: 8V
LB135-36	IN	CIRCUIT FAIL: FUSE 2	GROUND	PASS: 8V
LB135-37	IN	COOLANT LEVEL LOW	12V	GROUND
LB135-40	IN	BULB FAIL — TURN SIGNAL	12V	GROUND
LB135-44	IN	TRANSMISSION FAULT	12V	GROUND
LB135-45	IN	BRAKE FAILURE	12V	0V
LB135-46	IN	DOOR OPEN — DRIVER	GROUND	12V
LB135-47	IN	DOOR OPEN — PASSENGER	GROUND	12V
LB135-48	IN	ANTI-LOCK FAIL	GROUND	12V



FIG 1



FIG 2

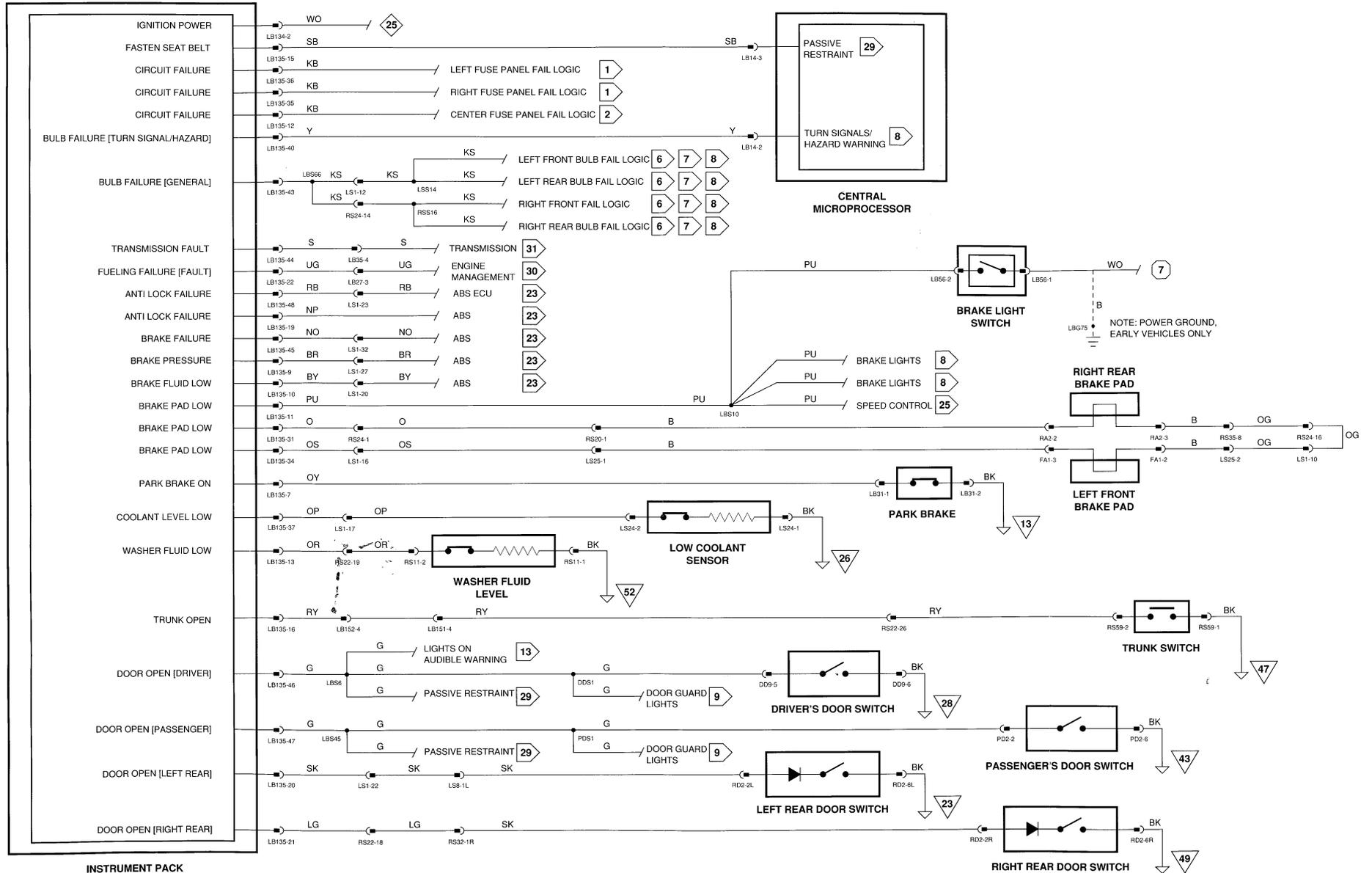


FIG 3



FIG 4





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AUDIBLE WARNING MODULE	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
COLUMN SWITCHES	STEERING COLUMN	STEERING COLUMN COVER
DIODE—LBD7	BEHIND DASH GLOVE BOX	DASH GLOVE BOX ASSEMBLY
DOOR SWITCH	DOOR LATCH	DOOR LOWER TRIM PANEL
FACIA SWITCH PACK	ABOVE STEERING COLUMN	DASH UNDER PANEL, LEFT
LIGHTS ON AUDIBLE WARNING MODULE	DASH LEFT END BRACKET	LEFT DASH UNDER PANEL
RELAY—A/C AND RADIO (LB16)	COMPONENT PANEL	RIGHT DASH UNDER PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD9	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB16	RELAY BASE (BLACK)	RIGHT DASH UNDER PANEL / A/C AND RADIO RELAY
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / LINEAR GEAR SWITCH
LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LB58	15-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / AUDIBLE WARNING MODULE
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB147	RELAY BASE (BLACK)	LEFT DASH UNDER PANEL / LIGHTS ON AUDIBLE WARNING MODULE
SC4	6-WAY PMHD (BROWN)	STEERING COLUMN COVER / SPEAKER, DI CANCEL SWITCH
SC6	6-WAY PMHD (VIOLET)	STEERING COLUMN COVER / IGNITION KEY SWITCH

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG75	EYELET	BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND
LBG88	EYELET	PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND

## INPUTS / OUTPUTS

### AUDIBLE WARNING MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB58-1	IN	TURN SIGNAL AUDIBLE WARNING	STAGGERED PULSE TO GROUND: 0V	5V
LB58-2	IN	SEAT BELT / GEAR POSITION AUDIBLE WARNING	TIMED PULSE TO GROUND: 0V	5V
LB58-3	IN	KEY INSERT AUDIBLE WARNING	GROUND: 0V	5V
LB58-4	IN	POWER GROUND	GROUND	GROUND
LB58-5	OUT	SPEAKER DRIVE	SIGNAL VOLTAGE	0V
LB58-6	OUT	SPEAKER DRIVE	GROUND	GROUND
LB58-7	IN	BATTERY POWER	12V	12V
LB58-15	IN	LOGIC GROUND	GROUND	GROUND

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-19	IN	IGNITION KEY WARNING	KEY IN: GROUND	KEY OUT: 1V
LB13-29	IN	AUDIBLE WARNING 'NOT IN PARK'	FAIL: OPEN CIRCUIT	PASS: GROUND
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-14	OUT	TURN SIGNAL AUDIBLE WARNING	STAGGERED PULSE TO GROUND	5V
LB14-15	OUT	SEAT BELT / GEAR POSITION AUDIBLE WARNING	TIMED / STAGGERED PULSE TO GROUND	5V
LB14-16	OUT	KEY INSERT AUDIBLE WARNING	GROUND: 0V	5V
LB14-18	NOT USED			

### COLUMN SWITCHES

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB55-18	IN	SPEAKER DRIVE AUDIBLE WARNING	SIGNAL VOLTAGE	0V
LB55-19	OUT	KEY INSERT SWITCH	KEY IN: GROUND	KEY OUT: 1V
LB55-22	IN	SPEAKER DRIVE—AUDIBLE WARNING	GROUND	GROUND

### LIGHTING LOGIC UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB49-18	OUT	AUXILIARY SIDE LIGHT RELAY	GROUND	12V
LB49-20	IN	LOGIC GROUND	GROUND	GROUND
LB49-24	IN	BATTERY POWER	12V	12V

### LIGHTS ON AUDIBLE WARNING MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB147-30	IN	KEY SWITCH	12V	0V
LB147-85	IN	IGNITION OFF POWER	IGN. OFF: 12V	IGN. ON: 0V
LB147-86	IN	LIGHTS ON INPUT	LIGHTS ON: GROUND	LIGHTS OFF: 12V
LB147-87	OUT	DOOR OPEN — DRIVER	DOOR OPEN: GROUND	0V



FIG 1



FIG 2



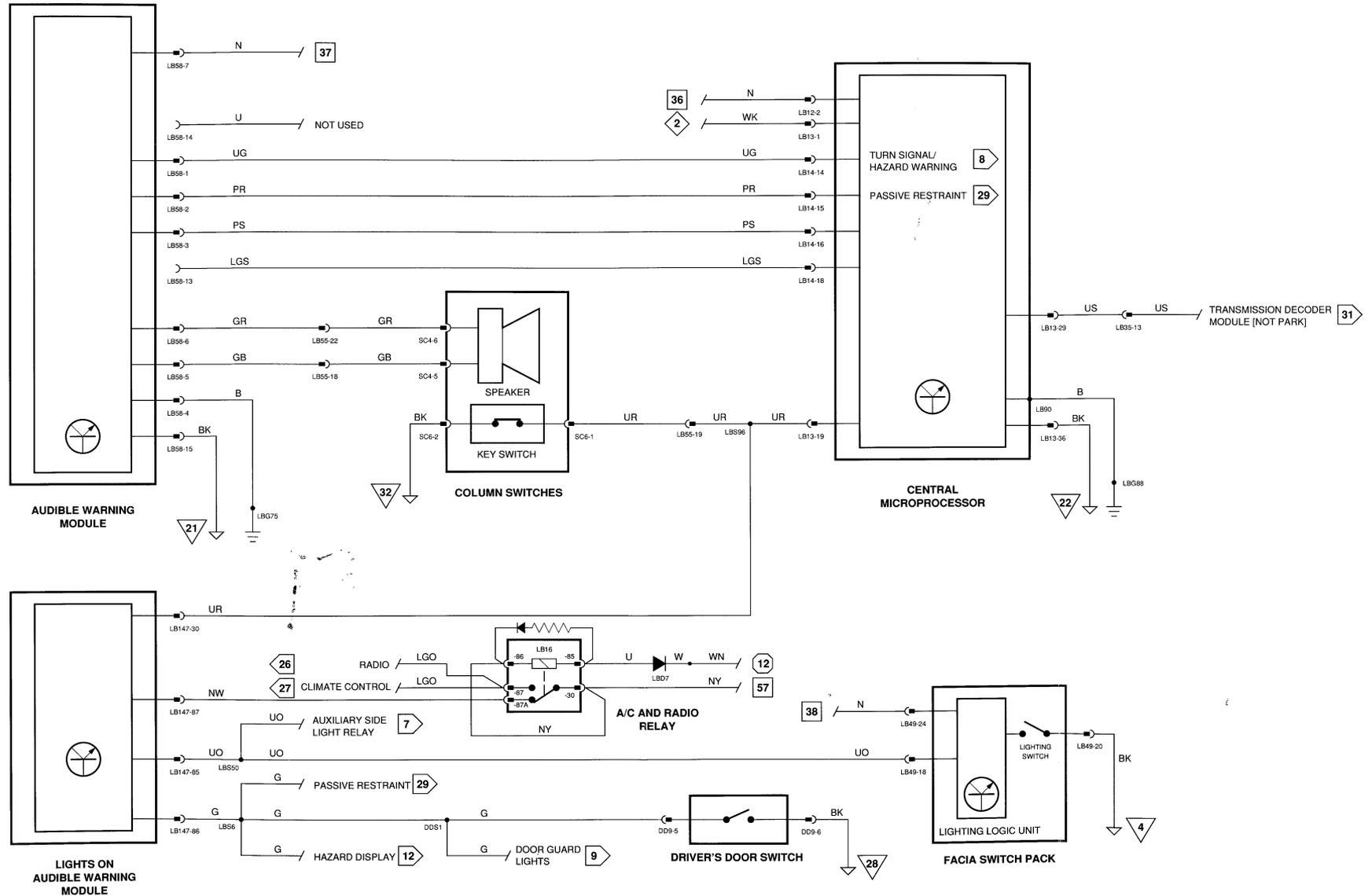
FIG 3



FIG 4



FIG 5



## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTER CONSOLE	CENTER CONSOLE	CONSOLE SKI SLOPE PANEL
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
DIODE—LBD1	BULKHEAD, LEFT	DASH BOARD
DOOR LOCK MOTOR	INSIDE DOOR	DOOR LOWER TRIM PANEL
DOOR LOCK CONTROL UNIT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
DOOR LOCK SWITCH	INTEGRAL WITH LOCK MOTOR	
INFRARED RECEIVER	HEAD LINER, CENTER FRONT	ROOF CONSOLE PANEL
KEY BARREL SWITCH	FRONT DOOR HANDLE BASE PLATE	DOOR LOWER TRIM PANEL
RELAY—FILLER FLAP (LS11)	TRUNK, RIGHT FRONT	TRIM PANEL
TRUNK LOCK	TRUNK LID LATCH	TRUNK LID, INNER
TRUNK RELEASE	TRUNK LID LATCH	TRUNK LID, INNER
TRUNK RELEASE SWITCH	GLOVE BOX	GLOVE BOX
TRUNK SECURITY SWITCH	TRUNK LID	TRUNK LID, INNER

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD6	6-WAY PM4 (YELLOW)	DOOR, INNER / LOCK MOTOR
DD15	3-WAY PMHD YELLOW	DRIVER DOOR, INNER / KEY BARREL MICROSWITCH
LB8	2-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB15	9-WAY KIEKERT CONNECTOR (WHITE)	RIGHT DASH UNDER PANEL / DOOR LOCK CONTROL UNIT
LB30	15-WAY PMHD (BLUE)	CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB64	3-WAY TTS SOCKET (GREY)	DRIVER FOOTWELL, 'A' POST / INERTIA SWITCH
LB114	8-WAY POSITIVE LOCK PLUG	ROOF CONSOLE PANEL / INFRA-RED RECEIVER
LB146	3-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / TRUNK RELEASE SWITCH
LB151	5-WAY AMP (BLACK)	RIGHT DASH UNDER PANEL / ALARM SYSTEM FUTURE USE
LB152	5-WAY AMP (BLACK)	RIGHT UNDER DASH PANEL / ALARM SYSTEM FUTURE USE
LS2	15-WAY PMHD (YELLOW)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS8	6-WAY PMHD (YELLOW)	LEFT 'B/C' POST LINER / RD HARNESS
PD5	6-WAY PM4 (YELLOW)	DOOR, INNER / LOCK MOTOR
PD18	3-WAY PMHD (BLACK)	PASSENGER DOOR, INNER / KEY BARREL MICROSWITCH
RD3	3-WAY PM4 (GREEN)	DOOR, INNER / LOCK MOTOR
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS32	6-WAY PMHD (YELLOW)	RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RS44	2-WAY PMHD (BLACK)	INNER TRUNK LID PANEL / TRUNK LOCK
RS132	3-WAY PMHD (BLACK)	TRUNK LID / TRUNK SECURITY SWITCH
RS133	3-WAY PMHD (YELLOW)	TRUNK LID / TRUNK RELEASE MOTOR

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG80	EYELET	PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND
RSG55	EYELET	BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

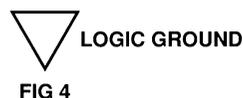
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-2	IN	DOOR KEY SWITCHES	UNLOCK: GROUND	OPEN CIRCUIT
LB13-33	IN	CENTRAL LOCK SWITCH	GROUND	OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-4	OUT	PANIC LOCK	GROUND: 0V	7-9V

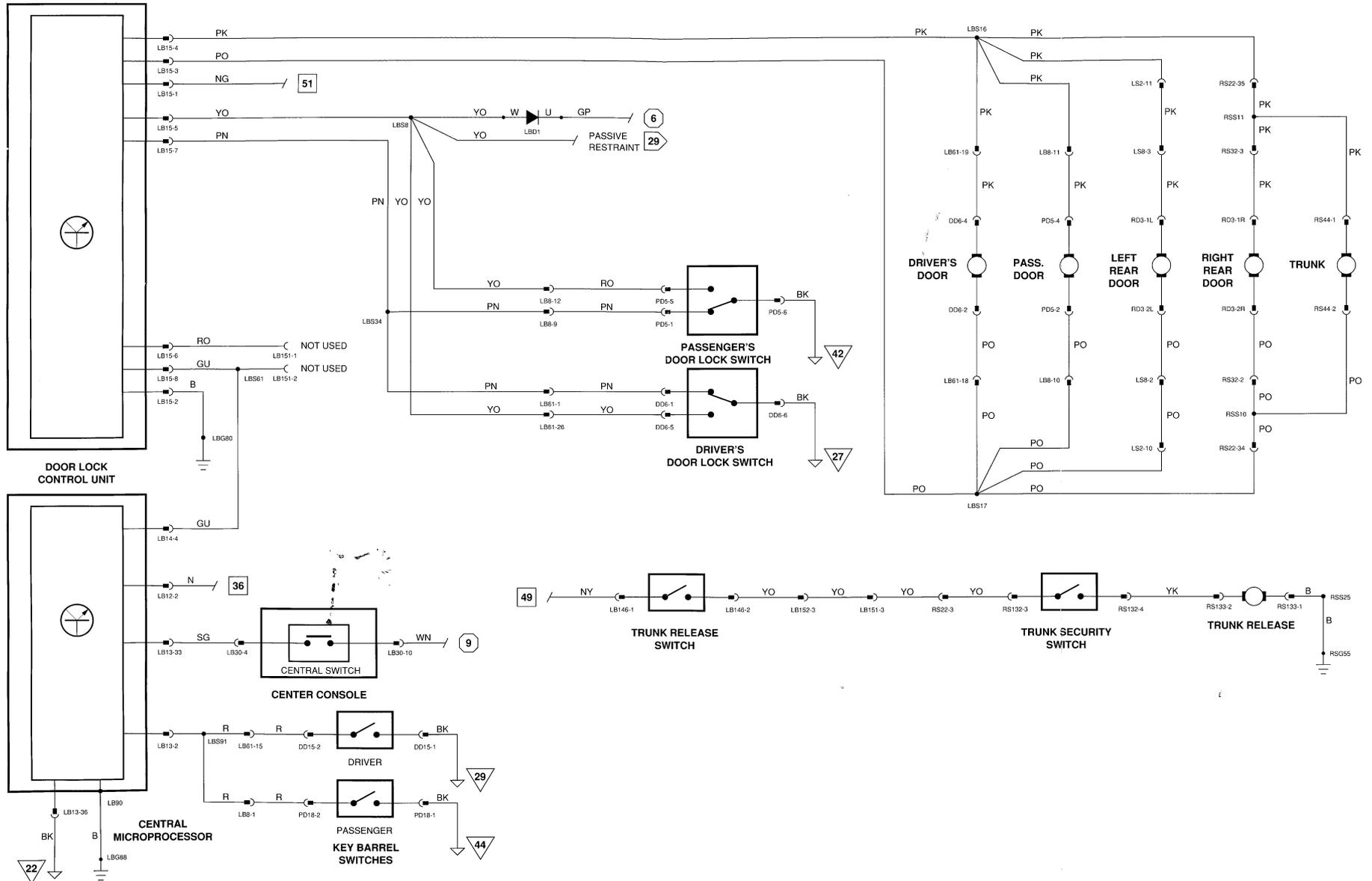
### CENTER CONSOLE SWITCHES

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB30-4	OUT	CENTRAL LOCKING SWITCH	GROUND	OPEN CIRCUIT
LB30-10	IN	IGNITION SWITCHED GROUND	KEY ON-AUX.: GROUND	KEY OFF-START: OPEN CIRCUIT

### DOOR LOCK CONTROL UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB15-1	IN	BATTERY POWER	12V	12V
LB15-2	IN	POWER GROUND	GROUND	GROUND
LB15-3	OUT	LOCK MOTOR DRIVE	PULSED VOLTAGE TO PK	0V
LB15-4	OUT	LOCK MOTOR DRIVE	PULSED VOLTAGE TO PO	0V
LB15-5	IN	UNLOCK INPUT	GROUND: 0V	7-9V
LB15-6	IN	INFRA-RED UNLOCK INPUT	PULSED GROUND: 0V	7-9V
LB15-7	IN	LOCK INPUT	GROUND: 0V	7-9V
LB15-8	IN	INFRA-RED AND PANIC LOCK INPUT	PULSED GROUND 0V	7-9V





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTER CONSOLE	CENTER CONSOLE	CONSOLE SKI SLOPE PANEL
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
DOOR SWITCH PANEL	DOOR ARM REST	DOOR LOWER TRIM PANEL
KEY BARREL SWITCH	FRONT DOOR HANDLE BASE PLATE	DOOR LOWER TRIM PANEL
LIMIT SWITCH	SUNROOF RIGHT SLIDE RAIL	HEADLINER FRONT EDGE
SUN ROOF SWITCH PANEL	HEAD LINER, CENTER FRONT	ROOF CONSOLE PANEL
WINDOW LIFT MOTOR	INNER DOOR	DOOR LOWER TRIM PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD1	6-WAY PM4 (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
DD2	24-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
DD5	3-WAY PM4 (BLACK)	DOOR, INNER / WINDOW LIFT MOTOR
DD15	3-WAY PMHD (BLACK)	DRIVER DOOR, INNER / KEY BARREL MICROSWITCH
LB7	6-WAY PM4 (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB8	24-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB30	15-WAY PMHD (BLUE)	CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB62	6-WAY PM4 (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB133	3-WAY ECONOSEAL (WHITE)	ROOF CONSOLE PANEL / SUNROOF SWITCH
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS2	15-WAY PMHD (YELLOW)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS3	9-WAY PM4 (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS6	6-WAY PMHD (BLACK)	LEFT 'B/C' POST LINER / RD HARNESS
LS7	3-WAY ECONOSEAL (BLACK)	LEFT 'B/C' POST LINER / RD HARNESS
PD6	3-WAY PM4 (BLACK)	DOOR, INNER / WINDOW LIFT MOTOR
PD7	6-WAY PM4 (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
PD8	6-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
PD18	3-WAY PMHD (BLACK)	PASSENGER DOOR, INNER / KEY BARREL MISROSWITCH
RD4	3-WAY PM4 (BLACK)	DOOR, INNER / WINDOW LIFT MOTOR
RD5	6-WAY PMHD (YELLOW)	DOOR TRIM, UPPER / DOOR SWITCH PANEL
RD6	6-WAY PM4 (YELLOW)	DOOR TRIM, UPPER / DOOR SWITCH PANEL
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS30	3-WAY ECONOSEAL (BLACK)	RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RS31	6-WAY PMHD (BLACK)	RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RS87	6-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS
SR1	6-WAY PM4 (YELLOW)	ROOF, CENTER FRONT / MAP LIGHT PANEL

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG72	EYELET	DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND
LBG80	EYELET	PASSENGER FOOTWELL, 'A' POST / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

## INPUTS / OUTPUTS

### CENTER CONSOLE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB30-4	OUT	CENTRAL LOCKING SWITCH	GROUND	OPEN CIRCUIT
LB30-10	IN	IGNITION SWITCHED GROUND	KEY ON: AUX. GROUND	KEY OFF: OPEN SIRCUIT

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-2	IN	DOOR KEY SWITCHES	UNLOCK: GROUND	OPEN CIRCUIT
LB13-33	IN	CENTRAL LOCK SWITCH	GROUND	OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-5	OUT	LR WINDOW CLOSE	GROUND: 0V	12V
LB14-11	OUT	SUNROOF CLOSE	GROUND: 0V	12V
LB14-25	OUT	RR WINDOW CLOSE	GROUND: 0V	12V
LB14-27	OUT	DRIVER WINDOW CLOSE	GROUND: 0V	12V
LB14-28	OUT	PASSENGER WINDOW CLOSE	GROUND: 0V	12V



FIG 1



FIG 2



FIG 3

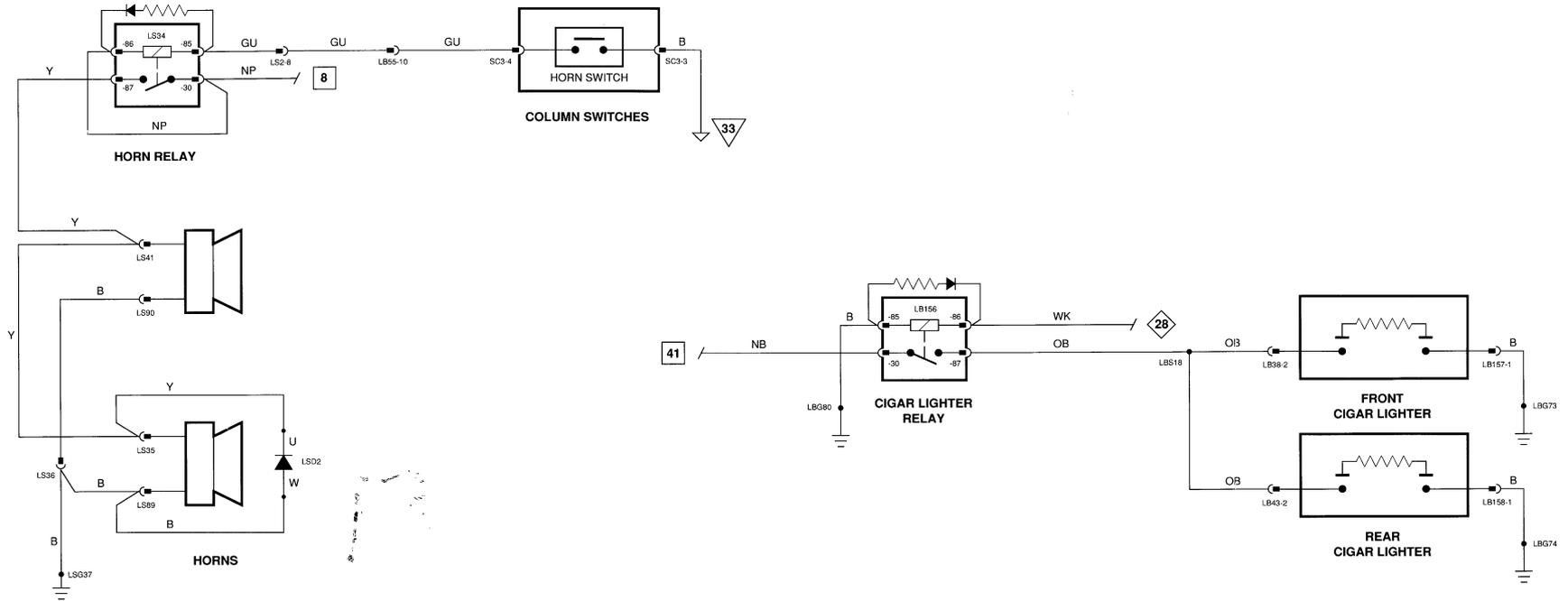


FIG 4









## COMPONENTS

### DESCRIPTION

DIODE—LBD12  
 DIODE—LBD13  
 DOOR SWITCH  
 DRIVER'S SEAT ENTRY SWITCH  
 FORE/AFT MOTOR  
 RELAY—DRIVER'S SEAT (LB95)  
 RELAY—PASSENGER'S SEAT (LB96)  
 RELAY—SEAT ADJUST (LB109)  
 RELAY—SEAT ENTRY (LLB164)  
 SEAT SWITCHES—DRIVER'S  
 SEAT SWITCHES—PASSENGER'S

### LOCATION

CENTER CONSOLE, BELOW RADIO  
 CENTER CONSOLE, BELOW RADIO  
 DOOR LATCH  
 DRIVER SEAT CUSHION  
 UNDER FRONT SEAT  
 CENTER CONSOLE SUPPORT STRUT, LEFT  
 CENTER CONSOLE SUPPORT STRUT, RIGHT  
 COMPONENT PANEL  
 CENTER CONSOLE SUPPORT STRUT, LEFT  
 CENTER CONSOLE, LS  
 CENTER CONSOLE, RS

### ACCESS

RADIO AND CONSOLE SWITCH PANEL  
 RADIO AND CONSOLE SWITCH PANEL  
 DOOR LOWER TRIM PANEL  
 DRIVER SEAT CUSHION  
 FRONT SEAT CUSHION  
 CONSOLE SWITCH PANEL  
 CONSOLE SWITCH PANEL  
 RIGHT DASH UNDER PANEL  
 CONSOLE SWITCH PANEL  
 CONSOLE SKI SLOPE PANEL  
 CONSOLE SKI SLOPE PANEL

## CONNECTORS

### CODE

### DESCRIPTION

DD9 6-WAY PM4 (BLACK)  
 LB95 RELAY BASE (WHITE)  
 LB96 RELAY BASE (BLACK)  
 LB100 3-WAY ECONOSEAL (RED)  
 LB101 3-WAY ECONOSEAL (RED)  
 LB109 RELAY BASE (RED)  
 LB164 RELAY BASE (GREEN)  
 PD2 6-WAY PM4 (BLACK)  
 SM2 2-WAY ECONOSEAL (BLACK)  
 SM3 POSITIVE LOCK TERMINAL (RED)  
 SM4 POSITIVE LOCK TERMINAL  
 SM5 2-WAY ECONOSEAL (BLACK)  
 SM7 POSITIVE LOCK TERMINAL  
 SM8 POSITIVE LOCK TERMINAL  
 SM10 3-WAY ECONOSEAL (BLACK)  
 SM11 2-WAY ECONOSEAL (RED)  
 SS1 9-WAY PM4 (VIOLET)  
 SS2 9-WAY PM4 (VIOLET)  
 SS3 9-WAY PM4 (VIOLET)  
 SS4 9-WAY PM4 (VIOLET)

### LOCATION / INTERFACE

DOOR, INNER / DOOR LATCH SWITCH  
 CENTER CONSOLE, FRONT, SWITCH PANEL / LEFT SEAT RELAY  
 CENTER CONSOLE, FRONT, SWITCH PANEL / RIGHT SEAT RELAY  
 CONSOLE SKI SLOPE / PASSENGER SEAT SWITCH  
 CONSOLE SKI SLOPE / DRIVER SEAT SWITCHES  
 RIGHT DASH UNDER PANEL / SEAT ADJUST RELAY  
 UNDER SKI SLOPE PANEL / DRIVERS SEAT ENTRY RELAY  
 DOOR, INNER / DOOR LATCH SWITCH  
 UNDER SEAT CUSHION / RECLINE MOTOR  
 UNDER SEAT CUSHION / FRONT RAISE/LOWER  
 UNDER SEAT CUSHION / FRONT RAISE/LOWER  
 UNDER SEAT CUSHION / FORE/AFT  
 UNDER SEAT CUSHION / REAR RAISE/LOWER  
 UNDER SEAT CUSHION / REAR RAISE/LOWER  
 UNDER DRIVER SEAT AND CARPET / SEAT ENTRY RELAY  
 UNDER SEAT CUSHION / SEAT ENTRY SWITCH  
 UNDER SKI SLOPE / PASSENGER SEAT SWITCH  
 UNDER SKI SLOPE / DRIVER SEAT SWITCHES  
 UNDER SEAT CUSHION, RIGHT / SM HARNESS  
 UNDER SEAT CUSHION, LEFT / SM HARNESS

## GROUNDS

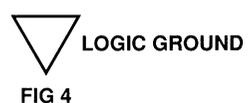
### CODE

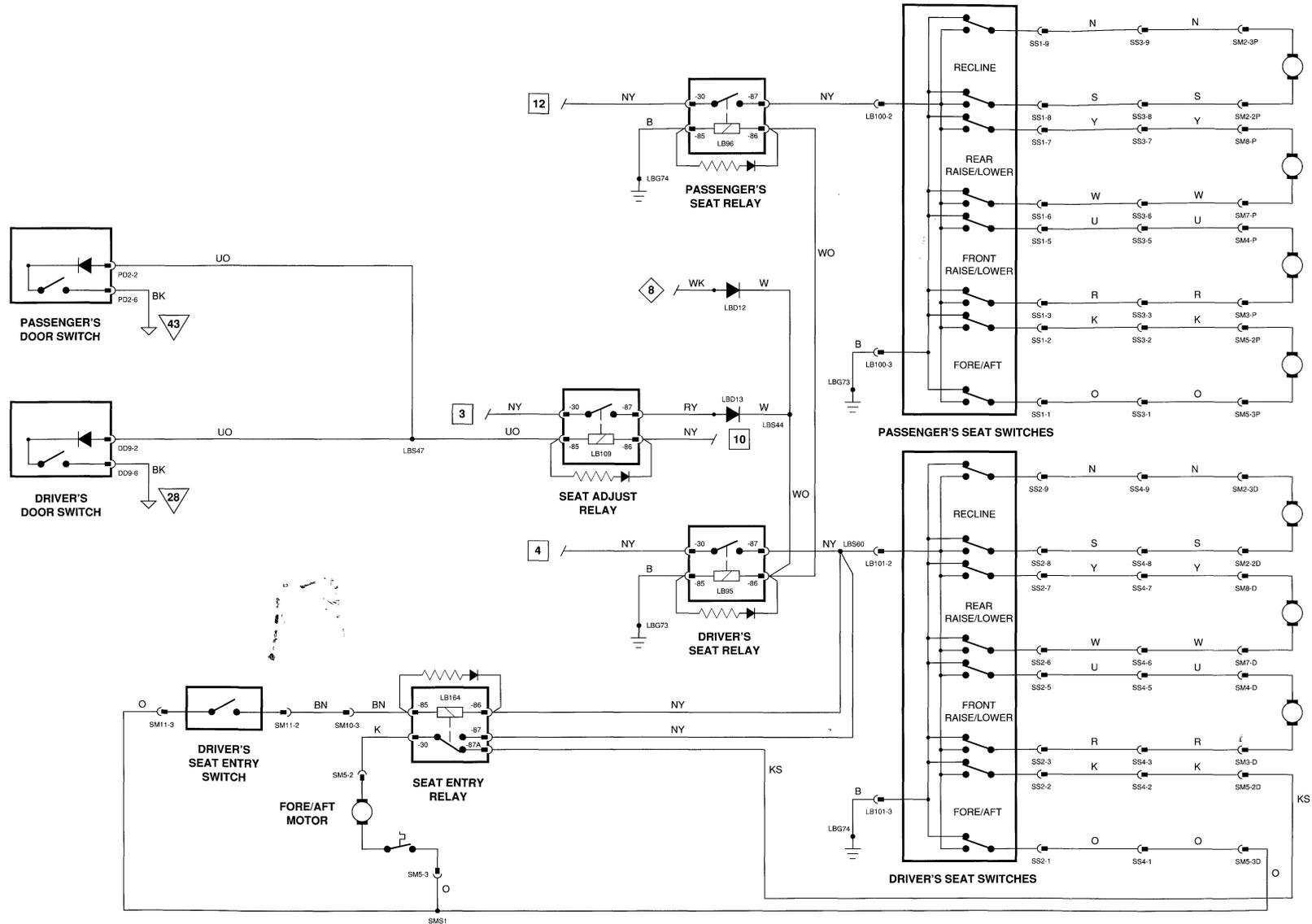
### DESCRIPTION

LBG73 EYELET  
 LBG74 EYELET

### LOCATION / INTERFACE

CENTER CONSOLE ASHTRAY / POWER GROUND  
 CENTER CONSOLE ASHTRAY / POWER GROUND





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
SEAT BACK HEATER	FRONT SEAT BACK	FRONT SEAT CUSHION
SEAT CUSHION HEATER	FRONT SEAT CUSHION	FRONT SEAT CUSHION
SEAT SWITCH PACK—DRIVER'S	CENTER CONSOLE, LEFT	CONSOLE SKI SLOPE PANEL
SEAT SWITCH PACK—PASSENGER'S	CENTER CONSOLE, RIGHT	CONSOLE SKI SLOPE PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CH1	2-WAY ECONOSEAL (BLACK)	UNDER SEAT CUSHION / CUSHION ELEMENT
HS1	3-WAY ECONOSEAL (BLACK)	UNDER SEAT CUSHION / SEAT HEATER
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB39	6-WAY PMHD (BLACK)	CENTER CONSOLE / PASSENGER SEAT HEATER SWITCH
LB48	6-WAY PMHD (BLACK)	CONSOLE SKI SLOPE PANEL / DRIVER SEAT HEATER SWITCH
LB97	3-WAY ECONOSEAL (YELLOW)	CONSOLE SKI SLOPE / DRIVER SEAT HEATER SWITCH
LB98	3-WAY ECONOSEAL (RED)	UNDER DRIVER SEAT / DRIVER HS HARNESS
LB99	3-WAY ECONOSEAL (YELLOW)	CONSOLE SKI SLOPE / PASSENGER SEAT HEATER SWITCH
LB102	3-WAY ECONOSEAL (RED)	UNDER PASSENGER SEAT / PASSENGER HS HARNESS
SQ1	2-WAY ECONOSEAL (BLACK)	UNDER SEAT CUSHION / SEAT BACK ELEMENT

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG73	EYELET	CENTER CONSOLE ASHTRAY / POWER GROUND
LBG74	EYELET	CENTER CONSOLE ASHTRAY / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD BEHIND DASH / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-25	IN	R/SEAT HEATER	GROUND	OPEN CIRCUIT
LB13-26	IN	L/SEAT HEATER	GROUND	OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-22	OUT	HEATED PASSENGER SEAT TIMER	TIMED GROUND: 0V	12V
LB14-23	OUT	HEATED DRIVER SEAT TIMER	TIMED GROUND: 0V	12V



FIG 1



FIG 2

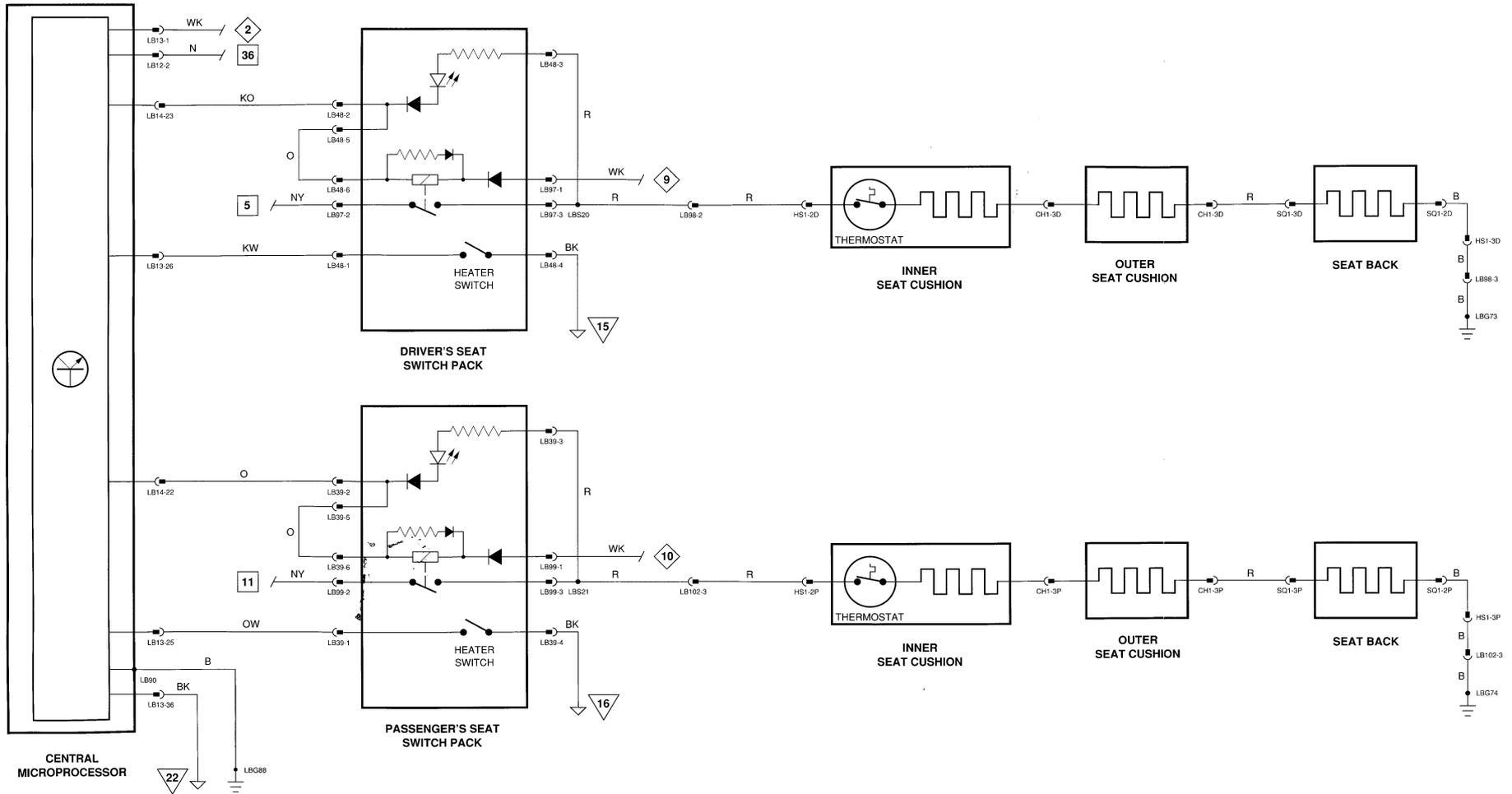


FIG 3



FIG 4





# FIG 19

# HEATERS:W/S WASHER, H/L WASHER, ENGINE BREATHER

## COMPONENTS

### DESCRIPTION

AMBIENT AIR TEMP. SENSOR  
HEATER—ENGINE BREATHER  
HEATER—HEADLIGHT WASHER  
HEATER—WINDSHIELD WASHER  
RELAY—BREATHER HEATER (LS59)

### LOCATION

FRONT VALANCE, RIGHT SIDE  
BREATHER HOSE, ABOVE INLET ELBOW  
HEADLIGHT WASHER JET  
WINDSHIELD WASHER JET  
LEFT RADIATOR SUPPORT

### ACCESS

FRONT VALANCE, BELOW  
ENGINE COMPARTMENT  
FRONT BUMPER  
WINDSHIELD PLENUM  
ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB28	6-WAY PM4 (YELLOW)	RIGHT DASH UNDER PANEL / LI HARNESS
LI40	2-WAY BOSCH SOCKET (BLACK)	BREATHER HOSE, AIR INTAKE ELBOW / BREATHER HEATER
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS3	9-WAY PM4 (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS43	2-WAY ITT SOCKET (BLACK)	FRONT VALANCE, LEFT / HEADLIGHT WASHER JET
LS59	RELAY BASE (BLUE)	LEFT RADIATOR SUPPORT / HEATED BREATHER RELAY
RS15	2-WAY PM4 (BROWN)	BEHIND FRONT VALANCE, RS / POWER WASH TEMPERATURE SENSOR
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS99	2-WAY ITT CANNON (BLACK)	BEHIND FRONT VALANCE, RIGHT / WASHER JET
RS101	2-WAY ITT CANNON (BLACK)	BELOW PLENUM CHAMBER GRILLE /
RS102	2-WAY ITT CANNON (BLACK)	BELOW PLENUM CHAMBER GRILLE /

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG80	EYELET	PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND
LIG32	EYELET	INLET MANIFOLD, #2 CYLINDER FIRING STUD / POWER GROUND
LSG37	EYELET	ENGINE COMPARTMENT, LF / POWER GROUND
RSG53	EYELET	ENGINE COMPARTMENT, RF / POWER GROUND

 BATTERY POWER

FIG 1

 IGNITION POWER

FIG 2

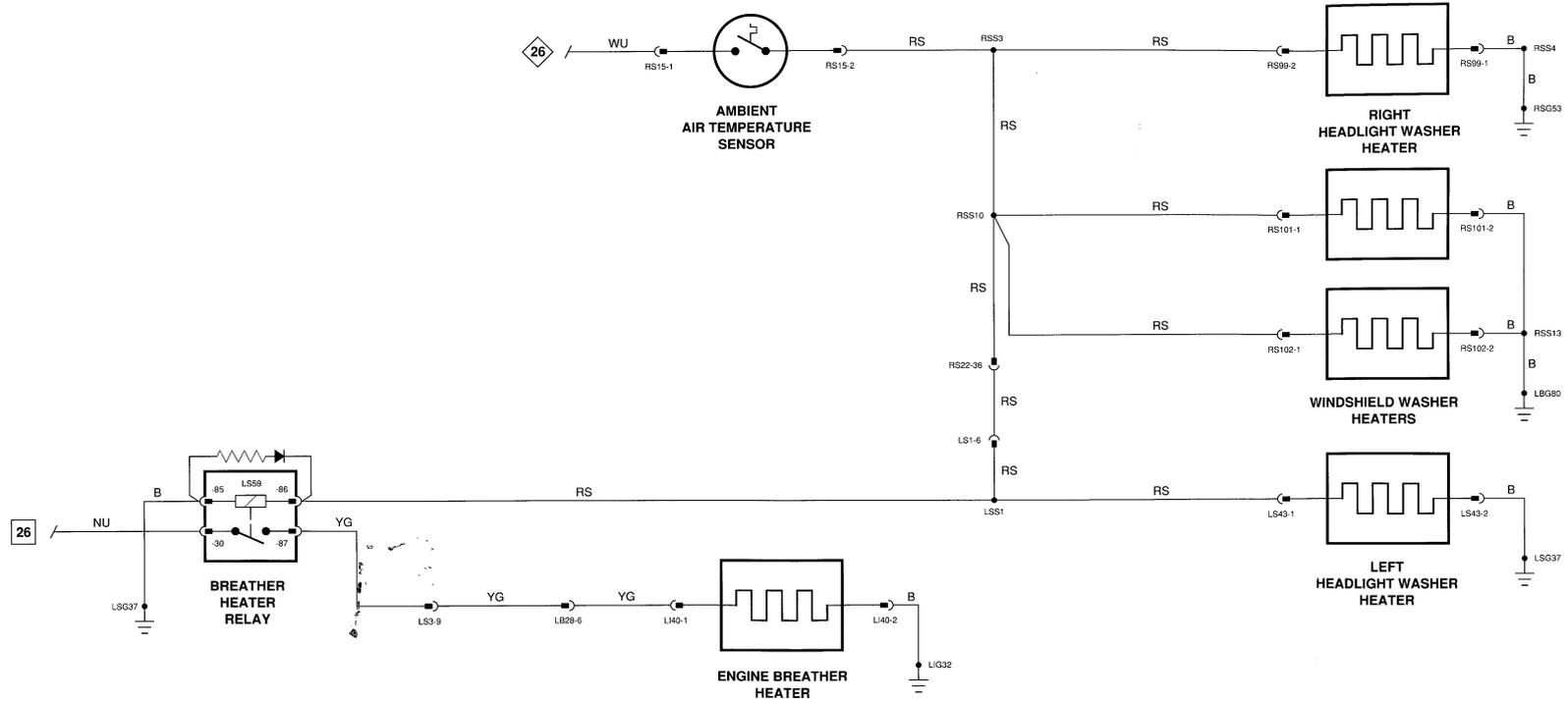
 IGNITION SWITCHED GROUND

FIG 3

 LOGIC GROUND

FIG 4

 FIG NUMBER REFERENCE



## COMPONENTS

### DESCRIPTION

CENTER CONSOLE  
CENTRAL MICROPROCESSOR  
DIODE—LBD9  
HEATER—DOOR MIRROR  
HEATER—REAR WINDOW  
RELAY—HEATED REAR WINDOW (RS36)

### LOCATION

CENTER CONSOLE  
BEHIND GLOVE BOX  
BULKHEAD, RIGHT, 4" FROM CPU CONNECTOR  
EXTERIOR DOOR MIRROR  
REAR WINDOW  
TRUNK, RIGHT FRONT

### ACCESS

CONSOLE SKI SLOPE PANEL  
UNDER DASH PANEL, RIGHT  
DASH BOARD  
DOOR UPPER TRIM PANEL  
TRIM PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD13	2-WAY ITT CANNON (BLACK)	DRIVER DOOR, FRONT UPPER / HEATED MIRROR
HB1	.250 BLADE RECEPTACLE	REAR WINDOW, LEFT / HEATED REAR WINDOW
LB7	6-WAY PM4 (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB8	24-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB30	15-WAY PMHD (BLUE)	CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB62	6-WAY PM4 (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
PD16	2-WAY ITT CANNON (BLACK)	PASSENGER DOOR, FRONT UPPER / HEATED MIRROR
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS36	RELAY BASE (RED)	TRUNK TRIM PANEL, RIGHT / HEATED REAR WINDOW RELAY
RS49	.250 BLADE RECEPTACLE	RIGHT 'E' POST TRIM / HEATED REAR WINDOW
RS87	6-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
HBG2	EYELET	'E' POST TRIM / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-31	IN	HEATED REAR WINDOW	GROUND	OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-12	OUT	HEATED REAR WINDOW RELAY	TIMED GROUND: 0V	12V
LB14-19	OUT	HEATED REAR VIEW MIRRORS	TIMED GROUND: 0V	12V
LB14-35	OUT	CLOCK DISPLAY W/KEY ON	12V	0V
LB14-36	OUT	CENTER CONSOLE PANEL GROUND	GROUND: 0V	GROUND: 0V

### CENTER CONSOLE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB30-1	IN	HEATED REAR WINDOW INDICATOR	TIMED GROUND	12V
LB30-2	OUT	HEATED REAR WINDOW SWITCH	GROUND	OPEN CIRCUIT
LB30-13	IN	CLOCK DISPLAY W/KEY ON	KEY ON-AUX.: 12V	KEY OFF-START: 0V
LB30-15	IN	POWER GROUND	GROUND	GROUND



FIG 1



FIG 2

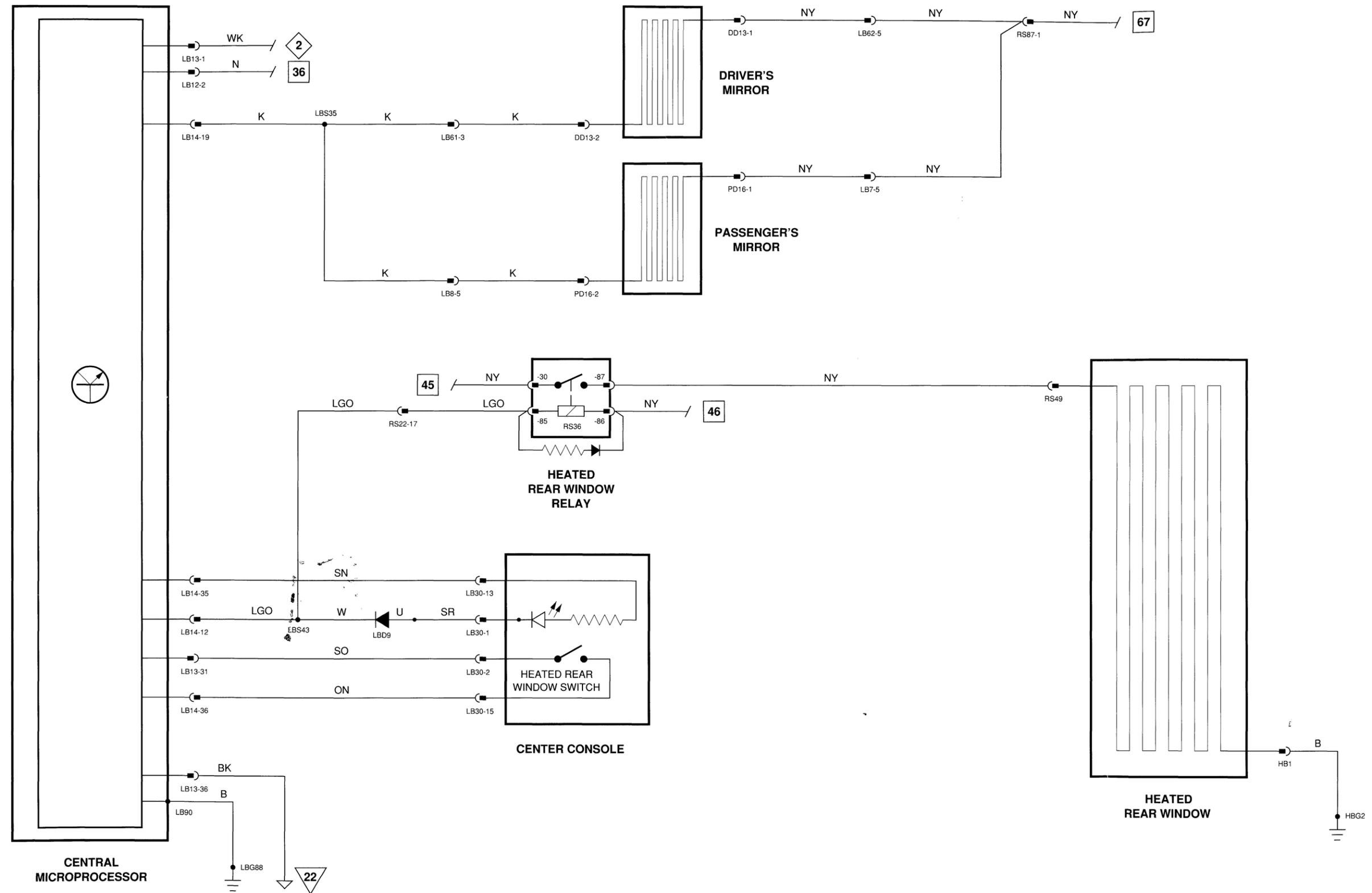


FIG 3



FIG 4





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DRIVER'S DOOR SWITCH PANEL	DOOR ARM REST	DOOR LOWER TRIM PANEL

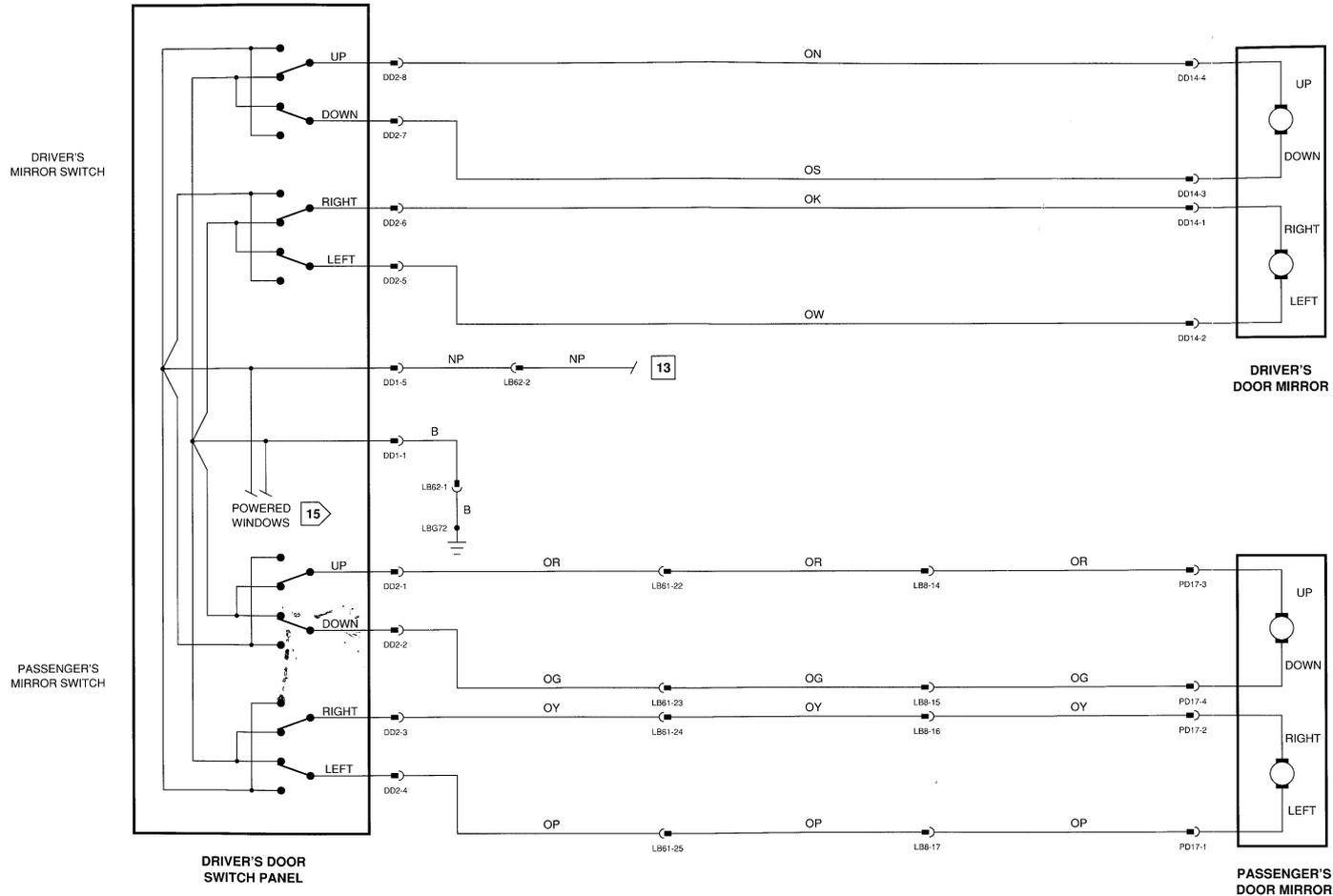
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD1	6-WAY PM4 (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
DD2	24-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
DD14	4-WAY ITT CANNON (BLACK)	DRIVER DOOR, FRONT UPPER / DRIVER DOOR MIRROR
LB8	24-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LB62	6-WAY PM4 (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
PD17	4-WAY ITT CANNON (BLACK)	PASSENGER DOOR, FRONT UPPER / PASSENGER DOOR MIRROR

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG72	EYELET	DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND





# FIG 22

# WINDSHIELD WIPER; WINDSHIELD AND HEADLIGHT WASHERS

## COMPONENTS

### DESCRIPTION

CENTRAL MICROPROCESSOR  
COLUMN SWITCHES  
MOTOR—HEADLIGHT WASHER  
MOTOR—WINDSHIELD WASHER  
MOTOR—WIPER  
RELAY—HEADLIGHT WASHER (RS4)  
RELAY—WINDSHIELD WASHER (RS5)  
WIPER LOGIC UNIT

### LOCATION

BEHIND GLOVE BOX  
STEERING COLUMN  
WASHER FLUID RESERVOIR  
WASHER FLUID RESERVOIR  
FRONT BULKHEAD  
RIGHT RADIATOR SUPPORT  
RIGHT RADIATOR SUPPORT  
RIGHT COMPONENT PANEL

### ACCESS

UNDER DASH PANEL, RIGHT  
STEERING COLUMN COVER  
FRONT VALANCE  
FRONT VALANCE  
ENGINE COMPARTMENT  
ENGINE COMPARTMENT  
ENGINE COMPARTMENT  
RIGHT UNDER DASH PANEL

## CONNECTORS

### CODE

### DESCRIPTION

### LOCATION / INTERFACE

LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LB59	6-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / WIPER LOGIC MODULE
LB60	4-WAY PMHD (BLACK)	WIPER LOGIC MODULE
LB64	3-WAY TTS SOCKET (GREY)	DRIVER FOOTWELL, 'A' POST / INERTIA SWITCH
LS3	9-WAY PM4 (BLACK)	LEFT 'A' POST, UNDER DASH / LB HARNESS
LS18	6-WAY PM4 (BLACK)	ENGINE COMPARTMENT / WIPER MOTOR
LS64	6-WAY PM4 (YELLOW)	LEFT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS
RS4	RELAY BASE (RED)	RIGHT RADIATOR SUPPORT / HEADLIGHT WASHER RELAY
RS5	RELAY BASE (YELLOW)	RIGHT RADIATOR SUPPORT / WINDSHIELD WASHER RELAY
RS8	2-WAY PM4 (BLACK)	BEHIND FRONT VALANCE, RIGHT / HEADLIGHT WASH PUMP
RS9	2-WAY PM4 (YELLOW)	BEHIND FRONT VALANCE, RIGHT / WINDSHIELD WASH PUMP
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
SC2	6-WAY PMHD (YELLOW)	STEERING COLUMN COVER / WASH-WIPE SWITCH
SC3	6-WAY PMHD (BLUE)	STEERING COLUMN COVER / DIRECTIONAL SWITCH

## GROUNDINGS

### CODE

### DESCRIPTION

### LOCATION / INTERFACE

LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND
LSG48	EYELET	WIPER MOTOR / POWER GROUND
RSG53	EYELET	ENGINE COMPARTMENT, RIGHT FRONT / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-3	IN	WINDSHIELD WASHER	GROUND	12V
LB13-4	IN	WINDSHIELD WIPER DELAY	GROUND	OPEN CIRCUIT
LB13-5	IN	WINDSHIELD WIPER SLOW/FLICK	GROUND	12V
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-1	OUT	POWER WASH RELAY	TIMED GROUND: 0V	12V
LB14-34	OUT	INTERMITTENT WIPE	STAGGERED GROUND: 0V	12V

### COLUMN SWITCHES

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB55-1	OUT	WINDSHIELD WASHER SWITCH	GROUND	12V
LB55-2	OUT	WIPER DELAY SWITCH	GROUND	OPEN CIRCUIT
LB55-8	OUT	WIPER SLOW/FLICK SWITCH		

 BATTERY POWER

FIG 1

 IGNITION POWER

FIG 2

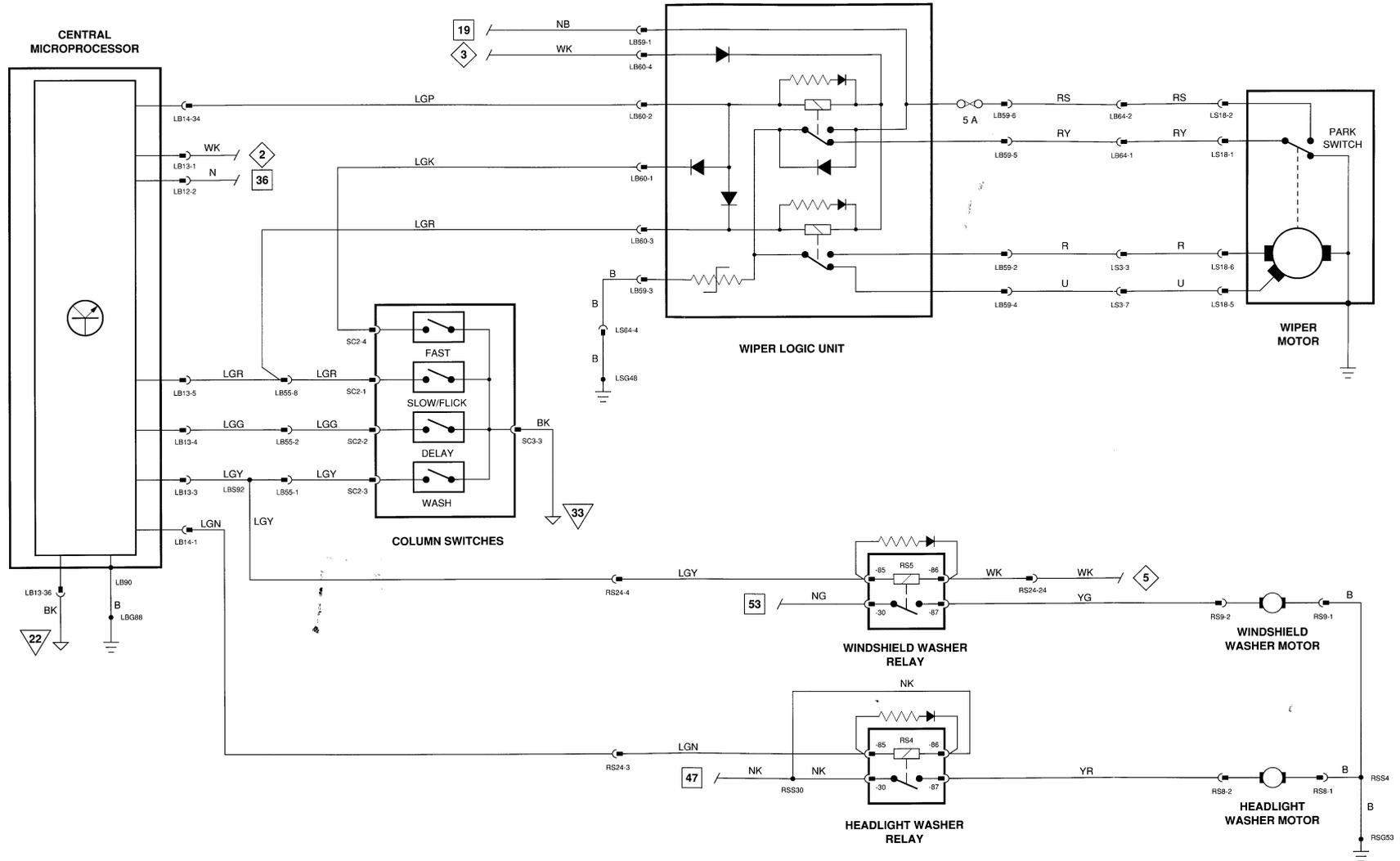
 IGNITION SWITCHED GROUND

FIG 3

 LOGIC GROUND

FIG 4

 FIG NUMBER REFERENCE



## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ANTI-LOCK BRAKING ECU	TRUNK, LEFT SIDE	TRUNK TRIM PANEL, LEFT
BRAKE SWITCH	DRIVER FOOTWELL	DRIVER FOOTWELL
COMBINED PRESSURE SWITCH	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
DIAGNOSTIC SOCKET	LEFT FRONT CORNER OF TRUNK	TRUNK
DIODE—LSD5	FRONT VALANCE, LEFT SIDE	FRONT BUMPER
DIODE—LSD6	ENGINE COMPARTMENT, LEFT FRONT CORNER	ENGINE COMPARTMENT
DIODE—LSD7	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
DIODE—LSD10	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
MAIN VALVE	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
PUMP	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
RELAY—ABS ECU (LS103)	DRIVER SIDE BLOWER HOUSING	DRIVER FOOTWELL
RELAY—MAIN (LS75)	DRIVER SIDE BLOWER HOUSING	DRIVER FOOTWELL
RELAY—PUMP (LS74)	DRIVER SIDE BLOWER HOUSING	DRIVER FOOTWELL
RESERVOIR	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
VALVE BLOCK	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
WHEEL SPEED SENSOR—FRONT	FRONT HUB CARRIER	FRONT WHEEL WELLS
WHEEL SPEED SENSOR—REAR	REAR HUB CARRIER	REAR WHEEL WELLS

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB127	5-WAY AMP (BLACK)	DRIVER FOOTWELL / BRAKE LIGHT SWITCH
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS2	15-WAY PMHD (YELLOW)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS46	2-WAY AMP PLUG (WHITE)	ENGINE COMPARTMENT, LF INNER FENDER / LF ABS SPEED SENSOR
LS49	2-WAY AMP PLUG (WHITE)	ENGINE COMPARTMENT, RF INNER FENDER / RF ABS SPEED SENSOR
LS51	2-WAY AMP PLUG (WHITE)	TRUNK BULKHEAD TRIM PANEL / LR ABS SPEED SENSOR
LS52	2-WAY AMP PLUG (WHITE)	TRUNK BULKHEAD TRIM PANEL / RR ABS SPEED SENSOR
LS69	55-WAY TRW (BLACK)	TRUNK, LEFT SIDE / ABS ECU
LS74	RELAY BASE (BLACK)	DRIVER FOOTWELL / ABS PUMP RELAY
LS75	RELAY BASE (YELLOW)	DRIVER FOOTWELL / ABS MAIN RELAY
LS76	5-WAY BOSCH (BLUE)	LEFT FRONT BULKHEAD / COMBINED PRESSURE SWITCH
LS77	7-WAY BOSCH (GREY)	LEFT FRONT BULKHEAD / VALVE BLOCK
LS78	5-WAY BOSCH (BLACK)	LEFT FRONT BULKHEAD / RESERVOIR FULL
LS79	2-WAY BOSCH (BLACK)	LEFT FRONT BULKHEAD / MAIN VALVE
LS80	2-WAY BOSCH (BLACK)	LEFT FRONT BULKHEAD / HYDRAULIC PUMP
LS103	RELAY BASE (BLUE)	DRIVER FOOTWELL / ABS ECU RELAY

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LSG56	EYELET	TRUNK TRIM PANEL, LEFT REAR / POWER GROUND
LSG118	EYELET	ENGINE COMPARTMENT, LEFT REAR / POWER GROUND

## INPUTS / OUTPUTS

### ANTI-LOCK BRAKING ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LS69-1	OUT	POWER GROUND	GROUND	GROUND
LS69-2	OUT	OUTLET VALVE, FRONT LEFT	GROUND	12V
LS69-3	OUT	ABS ECU RELAY	12V	GROUND
LS69-8	OUT	RESERVOIR FULL SWITCH	5V	0V
LS69-18	OUT	POWER GROUND	GROUND	GROUND
LS69-20	IN	INPUT VALVE, FRONT LEFT	GROUND	12V
LS69-21	IN	OUTLET VALVE, FRONT RIGHT	GROUND	12V
LS69-23	OUT	DIAGNOSTIC SOCKET	PULSED SIGNAL	GROUND
LS69-27	OUT	WHEEL SPEED SENSOR SCREEN, RIGHT REAR	GROUND	GROUND
LS69-28	OUT	WHEEL SPEED SENSOR SCREEN, LEFT REAR	GROUND	GROUND
LS69-29	OUT	WHEEL SPEED SENSOR SCREEN, RIGHT FRONT	GROUND	GROUND
LS69-30	OUT	WHEEL SPEED SENSOR SCREEN, LEFT FRONT	GROUND	GROUND
LS69-32	IN	BRAKES APPLIED SWITCH	12V	OPEN CIRCUIT
LS69-33	IN	ABS ECU RELAY	12V	GROUND
LS69-34	IN	MAIN RELAY	GROUND	OPEN CIRCUIT
LS69-36	IN	OUTLET VALVE, REAR	GROUND	12V
LS69-38	IN	INLET VALVE, FRONT RIGHT	GROUND	12V
LS69-39	IN	MAIN VALVE	GROUND	OPEN CIRCUIT
LS69-45	IN	WHEEL SPEED SENSOR, RIGHT REAR	PULSED SIGNAL	0V
LS69-46	IN	WHEEL SPEED SENSOR, LEFT REAR	PULSED SIGNAL	0V
LS69-47	IN	WHEEL SPEED SENSOR, RIGHT FRONT	PULSED SIGNAL	0V
LS69-48	IN	WHEEL SPEED SENSOR, LEFT FRONT	PULSED SIGNAL	0V
LS69-51	IN	COMBINED PRESSURE SWITCH	5V	OPEN CIRCUIT
LS69-52	OUT	DIAGNOSTIC SOCKET	PULSED SIGNAL	OPEN CIRCUIT
LS69-53	IN	IGNITION ON	12V	OPEN CIRCUIT
LS69-54	IN	INLET VALVE REAR	GROUND	OPEN CIRCUIT



FIG 1



FIG 2

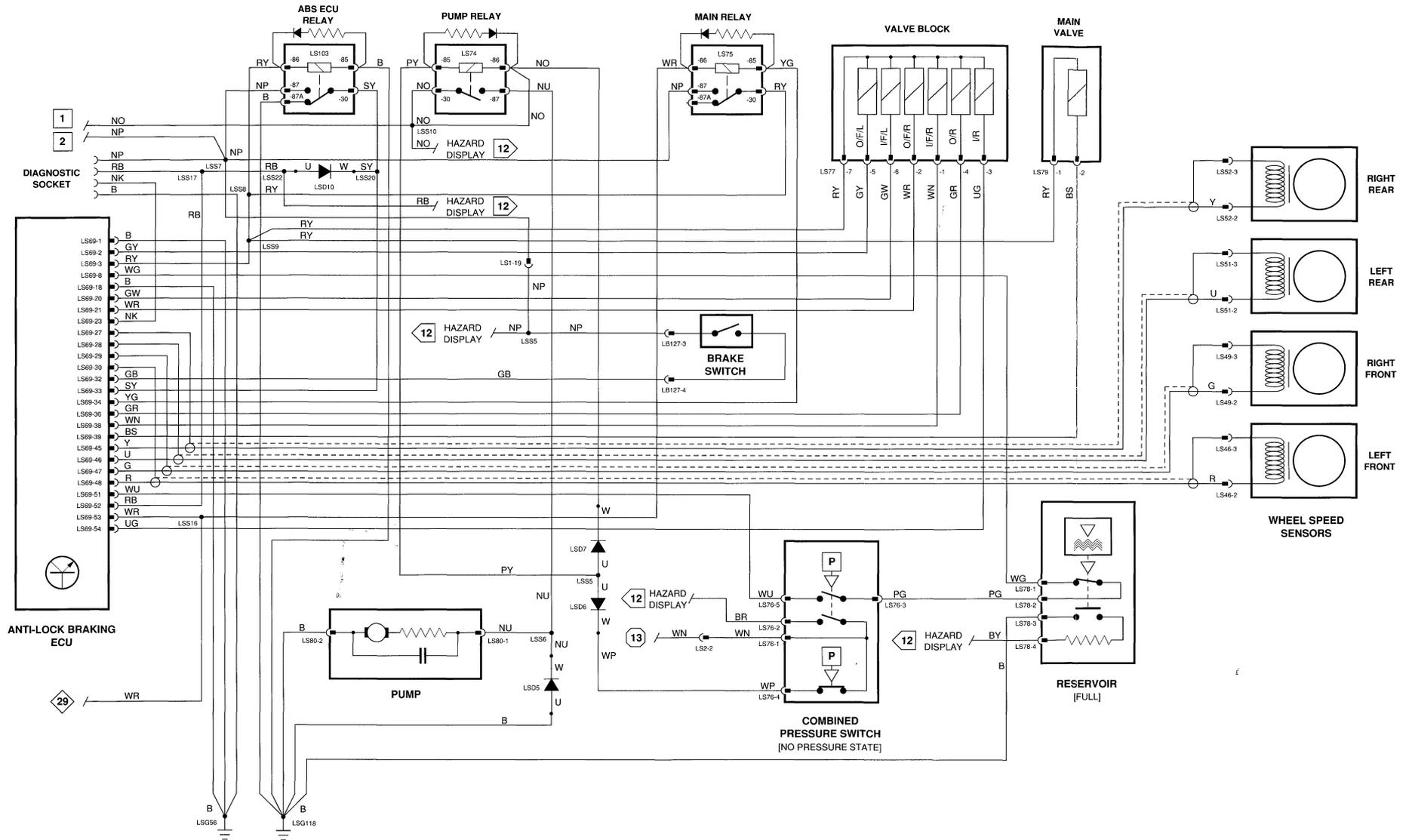


FIG 3



FIG 4





## COMPONENTS

### DESCRIPTION

DIODE—RAD1  
 DIODE / RESISTOR—RSN1  
 DIODE / RESISTOR—RSN2  
 RELAY—UP VALVE (RS29)  
 RIDE HEIGHT SENSOR  
 VALVE BLOCK

### LOCATION

TRUNK BULKHEAD  
 ABOVE SOLENOID VALVE BLOCK  
 ABOVE SOLENOID VALVE BLOCK  
 PASSENGER FOOTWELL 'A' POST  
 RIGHT REAR WISHBONE  
 RIGHT INNER FENDER

### ACCESS

TRUNK BULKHEAD TRIM PANEL  
 ENGINE COMPARTMENT, RIGHT  
 ENGINE COMPARTMENT, RIGHT  
 TRIM PANEL  
 REAR SUBFRAME, BELOW  
 ENGINE COMPARTMENT

## CONNECTORS

### CODE

### DESCRIPTION

RA3 3-WAY PLUG (BLACK)  
 RS19 6-WAY PM4 (YELLOW)  
 RS22 36-WAY PMHD (BLACK)  
 RS25 4-WAY PM4 (GREEN)  
 RS29 RELAY BASE (BLUE)  
 RS35 8-WAY PM4 (BLACK)  
 RS87 6-WAY PM4 (BLACK)  
 RS123 3-WAY ECONOSEAL (BLACK)

### LOCATION / INTERFACE

REAR BRAKE CALIPER / BRAKE PAD  
 ENGINE COMPARTMENT, RIGHT FRONT INNER FENDER / SOLENOID VALVE BLOCK  
 RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS  
 ENGINE COMPARTMENT, RS CRUSH TUBE / ACCUMULATOR SWITCHES  
 PASSENGER FOOTWELL 'A' POST / UP VALVE RELAY  
 TRUNK BULKHEAD TRIM / RA HARNESS  
 RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS  
 TRUNK, RIGHT FRONT CORNER / RIDE HEIGHT SENSOR GROUND

## GROUNDS

### CODE

### DESCRIPTION

RSG55 EYELET  
 LBG80 EYELET

### LOCATION / INTERFACE

BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND  
 PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND

## INPUTS / OUTPUTS

### RIDE HEIGHT SENSOR

### CODE

### IN / OUT

### CIRCUIT

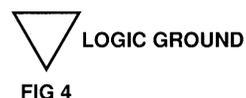
RS35-1 IN BATTERY POWER  
 RS35-2 IN IGNITION SWITCHED POWER  
 RS35-5 OUT UP VALVE RELAY  
 RS35-6 OUT DOWN VALVE SOLENOID  
 RS35-7 TEST PIN

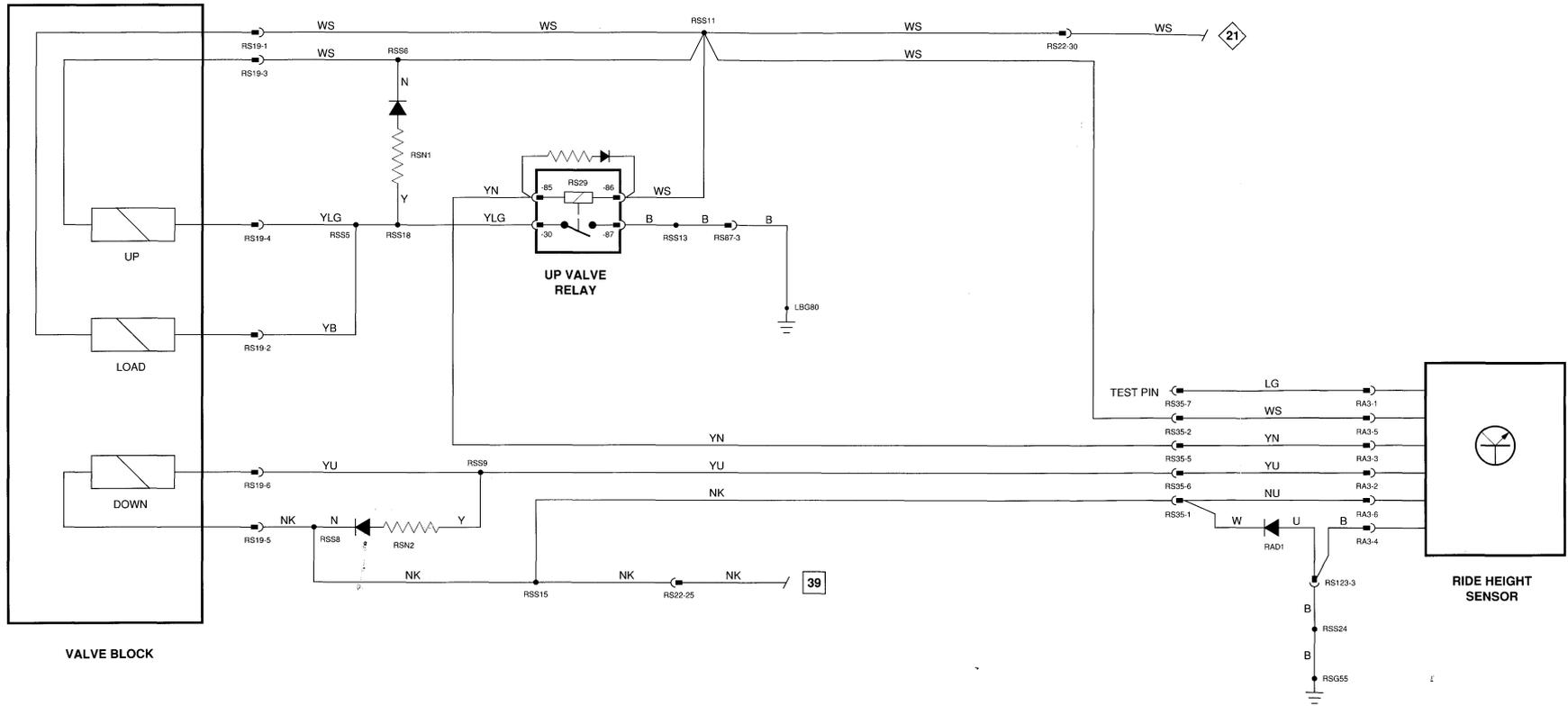
### ACTIVE

12V  
 KEY ON: 12V  
 GROUND  
 GROUND

### INACTIVE

12V  
 KEY OFF: 0V  
 12V  
 12V





## COMPONENTS

### DESCRIPTION

BRAKE LIGHT SWITCH  
 BRAKE SWITCH (SPEED CONTROL INHIBIT)  
 DIODE—LSD4  
 DUMP VALVE  
 RELAY—SPEED CONTROL (LB93)  
 SHORTING PLUG  
 SPEED CONTROL ECM  
 SPEED CONTROL SWITCHES  
 VACUUM PUMP AND CONTROL VALVE

### LOCATION

BRAKE PEDAL BOX  
 BRAKE PEDAL BOX  
 LEFT FRONT INNER FENDER, TOP  
 BELOW AIR CLEANER HOUSING  
 RIGHT FOOTWELL  
 ABOVE FOOT PEDALS  
 RIGHT COMPONENT PANEL  
 FACIA SWITCH PACK  
 BELOW AIR CLEANER HOUSING

### ACCESS

DRIVER FOOTWELL  
 DRIVER FOOTWELL  
 ENGINE COMPARTMENT, LEFT  
 ENGINE COMPARTMENT  
 RIGHT "A" POST TRIM  
 RIGHT DASH UNDER PANEL  
 RIGHT DASH UNDER PANEL  
 LEFT DASH UNDER PANEL  
 ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB20	.250 BLADE RECEPTACLE	RIGHT DASH UNDER PANEL / SPEED CONTROL ECM
LB21	8-WAY AMP (WHITE)	RIGHT DASH UNDER PANEL / SPEED CONTROL ECM
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / NOT USED
LB56	2-WAY PMHD (YELLOW)	DRIVER FOOTWELL, PEDAL BOX / BRAKE SWITCH
LB57	3-WAY ECONOSEAL (BLACK)	LEFT DASH UNDER PANEL / SHORTING PLUG
LB64	3-WAY TTS SOCKET (GREY)	DRIVER FOOTWELL, 'A' POST / INERTIA SWITCH
LB83	3-WAY ECONOSEAL (RED)	DRIVER FOOTWELL, PEDAL BOX / BRAKE SWITCH
LB93	RELAY BASE (RED)	PASSENGER FOOTWELL, 'A' POST / SPEED CONTROL RELAY
LB94	3-WAY ECONOSEAL (BLACK)	LEFT DASH UNDER PANEL / SHORTING PLUG
LB127	3-WAY ECONOSEAL (BLACK)	DRIVER FOOTWELL / BRAKE SWITCH
LB132	24-WAY PMHD (BROWN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS26	3-WAY AMP SOCKET (BLACK)	UNDER AIR FILTER HOUSING / SPEED CONTROL PUMP
LS27	3-WAY PM4 (BLACK)	UNDER AIR FILTER HOUSING / SPEED CONTROL DUMP VALVE
LS64	6-WAY PM4 (YELLOW)	LEFT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LSG37	EYELET	ENGINE COMPARTMENT, LEFT FRONT / POWER GROUND

## INPUTS / OUTPUTS

### SPEED CONTROL ECM

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB20	IN	ROAD SPEED SIGNAL	PULSED SIGNAL	5V DC
LB21-1	OUT	DUMP VALVE CONTROL	GROUND	12V
LB21-2	IN	ON-OFF SWITCH	GROUND	12V
LB21-3	IN	SET/RESUME SWITCHES	SET: 1.5V, RESUME: 3V	5V
LB21-4	OUT	VACUUM PUMP	GROUND	12V
LB21-5	IN	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: 0V
LB21-6	OUT	SPEED CONTROL VALVE	GROUND	12V
LB21-7	IN	BRAKE LIGHT SWITCH	GROUND	12V
LB21-8	IN	LOGIC GROUND	GROUND	GROUND



FIG 1



FIG 2



FIG 3



FIG 4



FIG NUMBER REFERENCE



## COMPONENTS

### DESCRIPTION

ANTENNA MOTOR  
CENTRAL MICROPROCESSOR  
DIODE—LBD7  
RADIO  
RELAY—AC AND RADIO (LB16)  
RELAY—ANTENNA DOWN (RS38)  
RELAY—ANTENNA UP (RS37)  
SPEAKER—BASS  
SPEAKER—DOOR

### LOCATION

TRUNK, RIGHT FRONT  
BEHIND GLOVE BOX  
BEHIND DASH GLOVE BOX  
CENTER CONSOLE  
COMPONENT PANEL  
TRUNK PANEL, RIGHT FRONT  
TRUNK, RIGHT FRONT  
REAR SEAT KICK PANEL  
DOOR LOWER TRIM PANEL

### ACCESS

TRUNK TRIM PANEL, RIGHT  
UNDER DASH PANEL, RIGHT  
DASH GLOVE BOX ASSEMBLY  
CONSOLE SKI SLOPE PANEL  
RIGHT DASH UNDER PANEL  
TRIM PANEL  
TRIM PANEL  
REAR FOOTWELL  
DOOR LOWER TRIM PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD2	24-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
DS1	2-WAY PMHD (BLACK)	DOOR TRIM, LOWER / DOOR SPEAKER
LB8	24-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
LB16	RELAY BASE (BLACK)	RIGHT DASH UNDER PANEL / AC AND RADIO RELAY
LB32	3-WAY PM4 (YELLOW)	CENTER CONSOLE / RADIO
LB33	15-WAY PMHD (YELLOW)	CENTER CONSOLE / RADIO
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS2	15-WAY PMHD (YELLOW)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS6	6-WAY PMHD (BLACK)	LEFT 'B/C' POST LINER / RD HARNESS
LS9	2-WAY PMHD (BLACK)	LEFT REAR FOOTWELL / BASS SPEAKER
PD8	6-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL
PS1	2-WAY PMHD (BLACK)	DOOR TRIM, LOWER / DOOR SPEAKER
RD5	6-WAY PMHD (YELLOW)	DOOR TRIM, UPPER / DOOR SWITCH PANEL
RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RS31	6-WAY PMHD (BLACK)	RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RS33	2-WAY PMHD (BLACK)	RIGHT REAR FOOTWELL / RIGHT BASS SPEAKER
RS37	RELAY BASE (GREEN)	TRUNK TRIM PANEL, RIGHT / ANTENNA UP RELAY
RS38	RELAY BASE (BLACK)	TRUNK TRIM PANEL, RIGHT / ANTENNA DOWN RELAY
RS48	2-WAY PM4 (BLACK)	TRUNK TRIM PANEL, RIGHT / ELECTRIC ANTENNA

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG74	EYELET	CENTER CONSOLE ASHTRAY / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND
RSG55	EYELET	BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND

## INPUTS / OUTPUTS

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-24	IN	RADIO ANTENNA	12V	OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-20	OUT	ANTENNA UP RELAY	TIMED GROUND: 0V	12V
LB14-21	OUT	ANTENNA DOWN RELAY	TIMED GROUND: 0V	12V



FIG 1



FIG 2



FIG 3



FIG 4





COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BLOWER—LEFT	INTERIOR FRONT BULKHEAD	LEFT DASH UNDER PANEL
BLOWER—RIGHT	INTERIOR FRONT BULKHEAD	RIGHT UNDER DASH PANEL
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
CLIMATE CONTROL MICROPROCESSOR	AC UNIT, RIGHT SIDE	RIGHT UNDER DASH PANEL
COOLANT TEMP SWITCH	CENTER CONSOLE	CONSOLE SKI SLOPE PANEL
DIPSW—LB07	HEATER CORE PIPE, LEFT SIDE	LEFT UNDER DASH PANEL
FEEDBACK POTENTIOMETER—LOWER	BEHIND DASH GLOVE BOX	DASH GLOVE BOX ASSEMBLY
FEEDBACK POTENTIOMETER—UPPER	AC UNIT, LEFT SIDE	LEFT UNDER DASH PANEL
RELAY—A/C AND RADIO (LB16)	AC UNIT, RIGHT SIDE	RIGHT DASH UNDER PANEL
SENSOR—EVAPORATOR TEMP	EVAPORATOR CORE	RIGHT BLOWER OUTPUT DUCT
SENSOR—IN CAR TEMP	ABOVE DASH GLOVE BOX	DASH GLOVE BOX ASSEMBLY
SENSOR—SOLAR	DASHBOARD, ABOVE, CENTER	SENSOR PANEL
SERVO—LOWER	AC UNIT, RIGHT SIDE	RIGHT DASH UNDER PANEL
SERVO—UPPER	AC UNIT, RIGHT SIDE	DASH GLOVE BOX ASSEMBLY
SOLENOID VALVE—CENTER VENT	AC UNIT, BELOW, RIGHT	RIGHT DASH UNDER PANEL
SOLENOID VALVE—COOLANT	AC UNIT, BELOW, LEFT	LEFT DASH UNDER PANEL
SOLENOID VALVE—DEFROST	AC UNIT, BELOW, RIGHT	RIGHT DASH UNDER PANEL
SOLENOID VALVE—RECIRCULATION	AC UNIT, BELOW, LEFT	LEFT DASH UNDER PANEL

CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE	CODE	DESCRIPTION	LOCATION / INTERFACE
AC1	24-WAY P/MHD (YELLOW)	CENTER CONSOLE/ AC CONTROL PANEL	AC17	250 BLADE RECEPTACLE	UNDER LH SIDE OF AC UNIT / RECIRC. VACUUM SOLENOID
AC2	15-WAY SOCKET	RIGHT DASH UNDER PANEL / AC ECM	AC18	250 BLADE RECEPTACLE	UNDER LH SIDE OF AC UNIT / WATER VALVE VAC. SOLENOID
AC3	15-WAY SOCKET	RIGHT DASH UNDER PANEL / AC ECM	AC19	250 BLADE RECEPTACLE	UNDER LH SIDE OF AC UNIT / WATER VALVE VAC. SOLENOID
AC4	15-WAY SOCKET	RIGHT DASH UNDER PANEL / AC ECM	AC21	250 BLADE RECEPTACLE	UNDER RH SIDE OF AC UNIT / CENTER VENT VAC. SOLENOID
AC5	5-WAY SOCKET (BLACK)	LEFT DASH UNDER PANEL / LEFT BLOWER	AC22	250 BLADE RECEPTACLE	UNDER RH SIDE OF AC UNIT / CENTER VENT VAC. SOLENOID
AC6	8-WAY SOCKET (BLACK)	RIGHT DASH UNDER PANEL / RIGHT BLOWER	AC23	250 BLADE RECEPTACLE	UNDER RH SIDE OF AC UNIT / DEFROST VAC. SOLENOID
AC7	3-WAY SOCKET (BLACK)	GLOVE BOX ACCESS PANEL / IN-CAR SENSOR	AC24	250 BLADE RECEPTACLE	UNDER RH SIDE OF AC UNIT / DEFROST VAC. SOLENOID
AC8	3-WAY SOCKET (BLACK)	RIGHT SIDE OF AC UNIT / SOLAR SENSOR	LB12	3-WAY P/M4 (BLACK)	RIGHT DASH UNDER PANEL / CPU
AC9	3-WAY SOCKET (BLACK)	RIGHT SIDE OF AC UNIT / EVAPORATOR SENSOR	LB13	35-WAY P/MHD (BLACK)	RIGHT DASH UNDER PANEL / CPU
AC10	3-WAY SOCKET (BLACK)	LEFT UPPER SIDE OF AC UNIT / UPPER FLAP FEEDBACK POT.	LB14	36-WAY P/MHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU
AC11	3-WAY SOCKET (BLACK)	RIGHT LOWER SIDE OF AC UNIT / LOWER FLAP FEEDBACK POT	LB16	RELAY BASE (BLACK)	RIGHT DASH UNDER PANEL / AC AND RADIO RELAY
AC12	2-WAY SOCKET (BLACK)	RIGHT LOWER SIDE OF AC UNIT / LOWER SERVO	LB25	3-WAY P/M4 (BLACK)	RIGHT DASH UNDER PANEL, BEHIND CPU / RIGHT BLOWER
AC13	2-WAY SOCKET (BLACK)	RIGHT UPPER AC UNIT (REMOVE INST. PACK) / UPPER SERVO	LB29	3-WAY P/M4 (BLACK)	LEFT DASH UNDER PANEL / LEFT BLOWER
AC14	250 BLADE RECEPTACLE	LEFT SIDE OF AC UNIT / COOLANT TEMP SWITCH	LB66	15-WAY P/MHD (BLACK)	CENTER CONSOLE, AC CONTROL PANEL / AC HARNESS
AC15	250 BLADE RECEPTACLE	LEFT SIDE OF AC UNIT / COOLANT TEMP SWITCH	SD1	3-WAY SOCKET	DASHBOARD, TOP / SOLAR SENSOR
AC16	250 BLADE RECEPTACLE	UNDER LH SIDE OF AC UNIT / RECIRC. VACUUM SOLENOID			

GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG73	EYELET	CENTER CONSOLE ASHTRAY / POWER GROUND
LB688	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

INPUTS / OUTPUTS

BLOWER—LEFT			BLOWER—RIGHT		
CODE	IN / OUT	CIRCUIT	CODE	IN / OUT	CIRCUIT
AC5-1	IN	HIGH SPEED RELAY PULL-IN	AC6-1	IN	HIGH SPEED RELAY PULL-IN
AC5-2	OUT	BLOWER SPEED FEEDBACK	AC6-2	OUT	BLOWER SPEED FEEDBACK
AC5-3	IN	SENSOR GROUND	AC6-3	IN	SENSOR GROUND
AC5-4	IN	BLOWER SPEED CONTROL	AC6-4	IN	BLOWER SPEED CONTROL
AC5-5	IN	ON-OFF SIGNAL	AC6-5	IN	SENSOR VOLTAGE INPUT
LB29-1	IN	POWER GROUND	AC6-6	IN	SENSOR GROUND
LB29-2	IN	BATTERY POWER	AC6-7	OUT	AMBIENT TEMP. SENSOR
			AC6-8	IN	ON-OFF SIGNAL
			LB25-1	IN	POWER GROUND
			LB25-2	IN	BATTERY POWER

CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-36	OUT	VOLTAGE SUPPLY TO AC CONTROL	5V	5V
LB90	IN	POWER GROUND	GROUND	GROUND

CLIMATE CONTROL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC2-1	IN	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: 0V
AC2-2	IN	POWER GROUND	GROUND	GROUND
AC2-3	OUT	RECIRCULATION FLAP VACUUM SOLENOID	12V	0V
AC2-4	IN	IN-CAR SENSOR	SYSTEM ON: 2.73V + 0.1V/C	SYSTEM OFF: 0V
AC2-5	IN	EVAPORATOR SENSOR	2.73V @ 0°C	2.35V @ 0°C
AC2-6	IN	POWER GROUND	GROUND	GROUND
AC2-7	IN	NOT USED		
AC2-8	IN	"AIR" INPUT FROM CONTROL PANEL	GROUND	4V
AC2-9	IN	"OFF" INPUT FROM CONTROL PANEL	SYSTEM ON: 12V	SYSTEM OFF: GROUND
AC2-10	IN	POWER GROUND	GROUND	GROUND
AC2-11	OUT	DEFROST FLAP VACUUM SOLENOID	DEF: 12V	NOT DEF: GROUND
AC2-12	IN	IGNITION SWITCHED POWER THROUGH CONTROL PANEL	KEY ON: 12V	KEY OFF: 0V
AC2-13	IN	"LOW" INPUT FROM CONTROL PANEL	GROUND	4V
AC2-14	IN	"NORM" INPUT FROM CONTROL PANEL	GROUND	4V
AC2-15	IN	"HIGH" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-1	OUT	HIGH SPEED RELAYS	DEF OR HIGH: 12V	NOT DEF OR HIGH: 0V
AC3-2	OUT	COOLANT VALVE VACUUM SOLENOID	FULL COOL: 12V	NOT FULL COOL: 0V

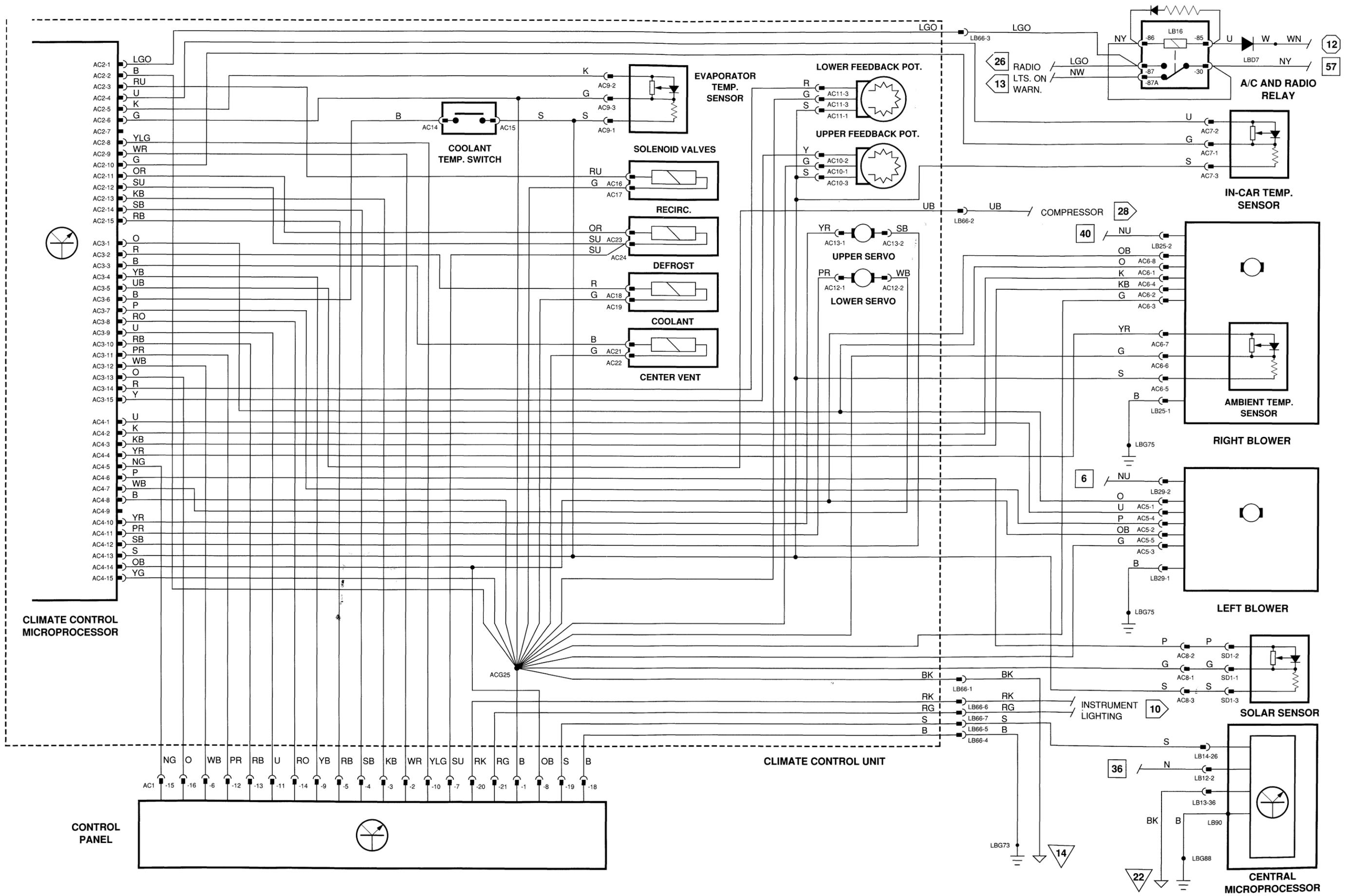
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CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC3-3	OUT	CENTER VENT VACUUM SOLENOID	VENT OPEN: 12V	VENT CLOSED: 0V
AC3-4	IN	"MANUAL" INPUT FROM CONTROL PANEL	MANUAL: GROUND	AUTO: 4V
AC3-5	OUT	AC2 COMPRESSOR CLUTCH RELAY	12V	
AC3-6	IN	COOLANT TEMPERATURE SWITCH	ABOVE 40°C: 5V	BELOW 40°C: 0V
AC3-7	IN	LEFT BLOWER SPEED FEEDBACK	LOW: 10V, MED: 9V, HIGH: 1V	4V
AC3-8	IN	"ECM" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-9	IN	"NO DROPS" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-10	IN	"1 DROP" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-11	IN	"2 DROPS" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-12	IN	"DEF" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-13	IN	"FACE TEMP" INPUT FROM CONTROL PANEL	COOL: 0V, WARM: 2.885V	
AC3-14	IN	LOWER FLAP FEEDBACK POT	FULL COOL: 1V, FULL HOT: 1V, DEF: 2.9V	
AC3-15	IN	UPPER FLAP FEEDBACK POT	FULL COOL: 1V, FULL HOT: 1.9V, DEF: 1.9V	
AC4-1	OUT	LEFT BLOWER SPEED CONTROL	LOW: 1.2V, NORM: INCREASED V, HIGH: APPROX 1V	
AC4-2	OUT	RIGHT BLOWER SPEED CONTROL	LOW: 1.2V, NORM: INCREASED V, HIGH: APPROX 1V	
AC4-3	IN	RIGHT BLOWER FEEDBACK	LOW: 10V, NORM: 9V, HIGH: APPROX 1V	SYSTEM OFF: 0V
AC4-4	IN	AMBIENT TEMPERATURE SENSOR	2.93V @ 20°C	
AC4-5	IN	TEMPERATURE DEMAND INPUT FROM CONTROL PANEL	FULL HOT: 2.885V, FULL COLD: 0V	
AC4-6	IN	SOLAR LOAD SENSOR	MAX. LIGHT: 2.885V	DARK: 0V
AC4-7	OUT	LOWER SERVO DRIVE	DRIVE: +17V	NO DRIVE: 0V
AC4-8	IN	POWER GROUND	GROUND	NO DRIVE: 0V
AC4-9	NOT USED			
AC4-10	OUT	UPPER SERVO DRIVE	DRIVE: +7V	NO DRIVE: 0V
AC4-11	OUT	LOWER SERVO DRIVE	DRIVE: +7V	NO DRIVE: 0V
AC4-12	OUT	UPPER SERVO DRIVE	DRIVE: +7V	NO DRIVE: 0V
AC4-13	OUT	VOLTAGE SUPPLY TO SENSORS	SYSTEM ON: 5V	SYSTEM OFF: 0V
AC4-14	IN	ON-OFF INPUT FROM CONTROL PANEL	12V	GROUND
AC4-15	IN	POWER GROUND	GROUND	GROUND

AC CONTROL PANEL

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC1-1	IN	POWER GROUND	GROUND	GROUND
AC1-2	OUT	SIGNAL TO ECU	ON: 12V	OFF: GROUND
AC1-3	OUT	"LOW" SIGNAL TO ECU	4V	4V
AC1-4	OUT	"NORM" SIGNAL TO ECU	GROUND	4V
AC1-5	OUT	"HIGH" SIGNAL TO ECU	4V	4V
AC1-6	OUT	"DEF" SIGNAL TO ECU	GROUND	4V
AC1-7	IN	IGNITION SWITCHED POWER THROUGH ECU	IGNITION ON: 12V	IGNITION OFF: 0V
AC1-8	OUT	"DEF" SIGNAL TO ECU	GROUND	4V
AC1-9	OUT	"MANUAL" SIGNAL TO ECU	GROUND	4V
AC1-10	OUT	"AIR" SIGNAL TO ECU	GROUND	4V
AC1-11	OUT	"NO DROPS" SIGNAL TO ECU	GROUND	4V
AC1-12	OUT	"2 DROPS" SIGNAL TO ECU	GROUND	4V
AC1-13	OUT	"1 DROP" SIGNAL TO ECU	GROUND	4V
AC1-14	OUT	"ECM" SIGNAL TO ECU	GROUND	4V
AC1-15	OUT	TEMPERATURE DEMAND SIGNAL TO ECU	FULL HOT: 2.885V, FULL COLD: 0V	
AC1-16	OUT	"FACE TEMP" SIGNAL TO ECU	FULL HOT: 2.885V, FULL COOL: 0V	
AC1-18	IN	ILLUMINATION GROUND	GROUND	GROUND
AC1-19	IN	5V POWER SUPPLY FROM CPU	5V	5V
AC1-20	IN	LOCATE ILLUMINATION	DIMMER INPUT: 4.5-12V	0V
AC1-21	IN	DIMMER OVERRIDE	DIMMER ACTIVE: GROUND	DIMMER INACTIVE: 12V



## COMPONENTS

### DESCRIPTION

DIODE—RSD2  
 DIODE—RSD3  
 COMPRESSOR CLUTCH  
 COOLING FAN  
 HIGH SIDE LOW PRESSURE SWITCH  
 RELAY—COMPRESSOR CLUTCH (RS2)  
 RELAY—COOLING FAN (RS3)  
 THERMAL CUT-OUT SWITCH

### LOCATION

BELOW RIGHT FRONT CRUSH TUBE  
 RIGHT HEADLIGHT CAVITY  
 AC COMPRESSOR  
 AHEAD OF RADIATOR  
 AC COMPRESSOR, REAR  
 RIGHT RADIATOR SUPPORT  
 RIGHT RADIATOR SUPPORT  
 RADIATOR, LOWER RIGHT

### ACCESS

ENGINE COMPARTMENT BELOW, RIGHT  
 ENGINE COMPARTMENT, LEFT  
 ENGINE, LOWER RIGHT  
 FRONT BUMPER AND GRILLE  
 ENGINE COMPARTMENT  
 ENGINE COMPARTMENT  
 ENGINE COMPARTMENT  
 RADIATOR, BELOW

## CONNECTORS

### CODE

### DESCRIPTION

LB66 15-WAY PMHD (BLACK)  
 RS2 RELAY BASE (GREEN)  
 RS3 RELAY BASE (BLACK)  
 RS7 9-WAY PM4 (YELLOW)  
 RS10 2-WAY PM4 (BLUE)  
 RS24 24-WAY PMHD (YELLOW)  
 RS74 2-WAY PM4 (BLUE)  
 RS76 .250 BLADE RECEPTACLE  
 RS77 .250 BLADE RECEPTACLE  
 RS78 2-WAY PM4 (GREEN)

### LOCATION / INTERFACE

CENTER CONSOLE, AC CONTROL PANEL / AC HARNESS  
 RIGHT RADIATOR SUPPORT / AC CLUTCH RELAY  
 RIGHT RADIATOR SUPPORT / COOLING FAN RELAY  
 ENGINE COMPARTMENT, ABOVE IGNITION COIL / LI HARNESS  
 RADIATOR, RIGHT SIDE, BELOW / COOLING FAN THERMAL SWITCH  
 RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS  
 BEHIND FRONT VALANCE / COOLING FAN  
 AC COMPRESSOR / THERMAL CUT-OUT  
 AC COMPRESSOR / THERMAL CUT-OUT  
 ENGINE COMPARTMENT, RIGHT / AC COMPRESSOR CLUTCH

## GROUND S

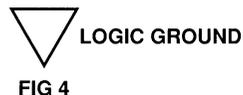
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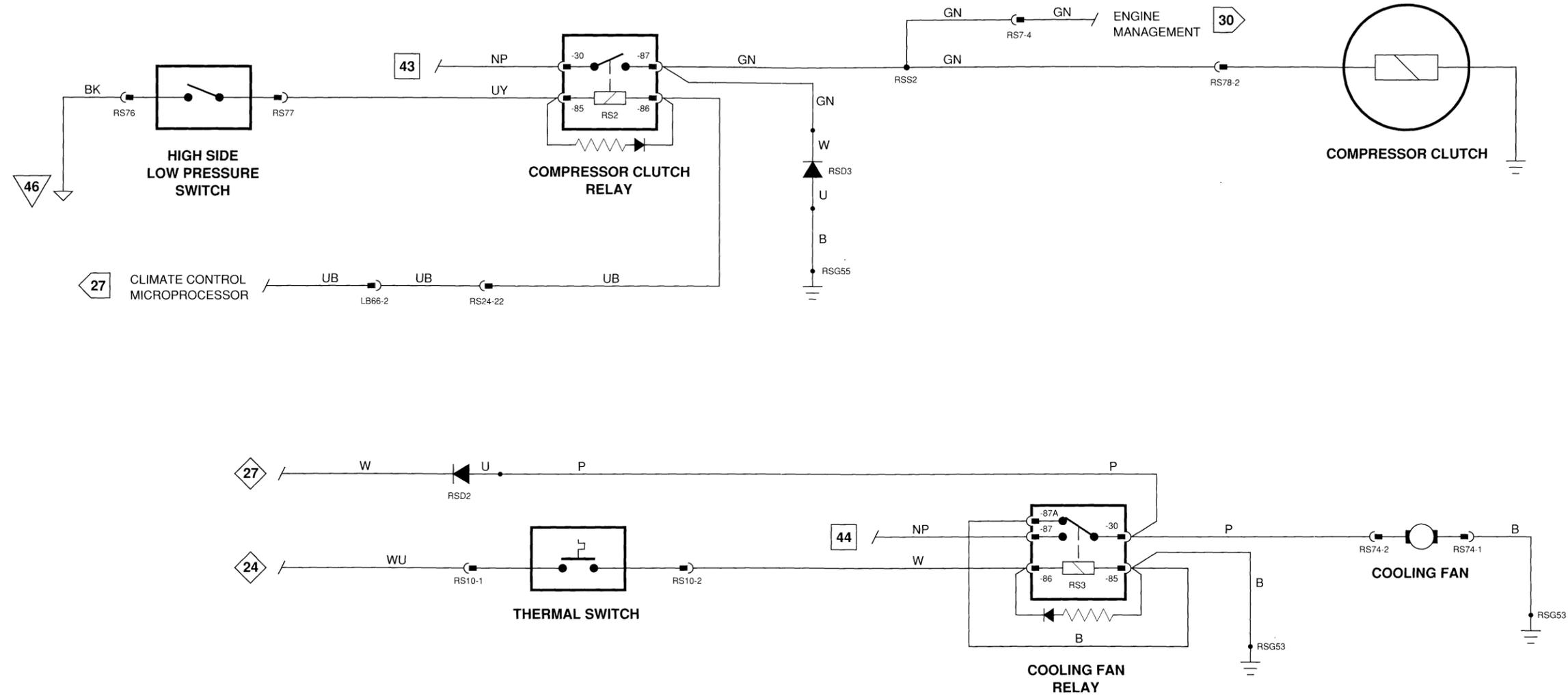
### DESCRIPTION

RSG53 EYELET  
 RSG55 EYELET

### LOCATION / INTERFACE

ENGINE COMPARTMENT, RIGHT FRONT / POWER GROUND  
 BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AUDIBLE WARNING MODULE	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
CENTRAL MICROPROCESSOR	BEHIND GLOVE BOX	UNDER DASH PANEL, RIGHT
DIODE—LBD1	BULKHEAD, LEFT OF STEERING COLUMN	DASH BOARD
DOCK SWITCH—FRONT	PASSIVE RESTRAINT MOTOR	'B/C' POST TRIM, LOWER
DOCK SWITCH—REAR	'B/C' POST	'B/C' POST TRIM, UPPER
DOOR LOCK SWITCH	INTEGRAL WITH LOCK MOTOR	
DOOR SWITCH	DOOR LATCH	DOOR LOWER TRIM PANEL
MOTOR—PASSIVE RESTRAINT	'B/C' POST	'B/C' POST TRIM, LOWER
PASSIVE RESTRAINT ECM	BELOW INSTRUMENT PANEL	LEFT DASH UNDER PANEL
PROXIMITY SWITCH—LEFT	'B/C' POST	'B/C' POST TRIM
PROXIMITY SWITCH—RIGHT	'B/C' POST	'B/C' POST TRIM
RELAY—REVERSE INHIBIT (LB118)	LEFT BLOWER CASE	LEFT DASH UNDER PANEL
TRANSMISSION ROTARY SWITCH	GEARBOX, LEFT FRONT	BELOW VEHICLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE	CODE	DESCRIPTION	LOCATION / INTERFACE
DD6	6-WAY PM4 (YELLOW)	DOOR, INNER / LOCK MOTOR	LB86	24-WAY PMHD (BLACK)	LEFT UNDER DASH PANEL / PASSIVE RESTRAINT MODULE
DD9	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH	LB87	8-WAY PM4 (BLACK)	LEFT UNDER DASH PANEL / PASSIVE RESTRAINT MODULE
GB1	24-WAY PMHD (YELLOW)	CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH	LB91	6-WAY PM4 (BLACK)	RS 'B/C' POST LOWER TRIM / RS PASSIVE RESTRAINT MOTOR
LB8	24-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS	LB105	4-WAY PMHD (BLACK)	RS 'B/C' POST LOWER TRIM / RS PASSIVE RESTRAINT SWITCH
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU	LB106	4-WAY PMHD (BLACK)	LS 'B/C' POST, LOWER TRIM / LS PASSIVE RESTRAINT SWITCH
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU	LB118	RELAY BASE (GREEN)	DRIVER FOOTWELL, LEFT BLOWER / REVERSE INHIBIT MOTOR
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU	LB119	5-WAY PIN CONN. (BLACK)	CARPET UNDER DRIVER SEAT / DRIVER SIDE IL HARNESS
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / REVERSE INHIBIT	LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LB58	15-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / AUDIBLE WARNING MODULE	PD2	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS	PD5	6-WAY PM4 (YELLOW)	DOOR, INNER / LOCK MOTOR
LB85	6-WAY PM4 (BLACK)	LS 'B/C' POST LOWER TRIM / LS PASSIVE RESTRAINT MOTOR			

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG75	EYELET	BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND
LBG88	EYELET	RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

## INPUTS / OUTPUTS

### AUDIBLE WARNING MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB58-2	IN	SEAT BELT / GEAR POSITION AUDIBLE WARNING	TIMED PULSE TO GROUND: 0V	5V

### CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB12-2	IN	BATTERY POWER	12V	12V
LB13-1	IN	IGNITION POWER	12V	0V
LB13-22	IN	SEAT BELT WARNING SWITCHES	FAIL: GROUND	PASS: OPEN CIRCUIT
LB13-23	IN	SEAT BELT WARNING SWITCHES	FAIL: GROUND	PASS: OPEN CIRCUIT
LB13-36	IN	LOGIC GROUND	GROUND	GROUND
LB14-15	OUT	SEAT BELT / GEAR AUDIBLE WARNING	TIMED / STAGGERED PULSE TO GROUND	5V
LB90	IN	POWER GROUND	GROUND	GROUND

### PASSIVE RESTRAINT ECM

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB86-1	OUT	CENTRAL LOCKING "UNLOCK"	GROUND: 0V	7-9 V
LB86-2	IN	IGNITION SWITCHED GROUND	GROUND: 0V	12V
LB86-3	OUT	SEAT BELT WARNING	LESS THAN 1V	12V
LB86-4	IN	DRIVER DOOR AND REVERSE INHIBIT	DOOR OPENED: LESS THAN 1V	DOOR CLOSED OR OPENED IN REVERSE: 12V
LB86-5	IN	IGNITION SWITCHED GROUND	GROUND: 0V	12V
LB86-6	IN	INERTIA SWITCH	GROUND: 0V	12V
LB86-7	IN	FRONT DOOR SWITCH, LEFT	12V (DOCKED)	GROUND: 0V
LB86-8	IN	REAR DOCK SWITCH, LEFT	12V (DOCKED)	GROUND: 0V
LB86-9	IN	LOGIC GROUND	GROUND: 0V	GROUND: 0V
LB86-10	IN	PROXIMITY SWITCH, LEFT	12V (BELT LATCHED)	GROUND: 0V
LB86-11	IN	PROXIMITY SWITCH, RIGHT	12V (BELT LATCHED)	GROUND: 0V
LB86-12	IN	LOGIC GROUND	GROUND	GROUND
LB86-13	IN	REAR DOCK SWITCH, RIGHT	12V (DOCKED)	GROUND: 0V
LB86-14	IN	FRONT DOCK SWITCH, RIGHT	12V (DOCKED)	GROUND: 0V
LB86-15	IN	PASSENGER DOOR	DOOR OPENED: LESS THAN 1V	DOOR CLOSED: 12V
LB86-16	IN	LOGIC GROUND	GROUND	GROUND
LB87-1	IN	BATTERY POWER	12V	12V
LB87-2	OUT	LEFT MOTOR DRIVE	12V TO RESTRAIN	GROUND: 0V
LB87-3	OUT	LEFT MOTOR DRIVE	12V TO RELEASE	GROUND: 0V
LB87-5	OUT	RIGHT MOTOR DRIVE	12V TO RESTRAIN	GROUND: 0V
LB87-6	OUT	RIGHT MOTOR DRIVE	12V TO RELEASE	GROUND: 0V
LB87-7	IN	POWER GROUND	GROUND	GROUND
LB87-8	IN	POWER GROUND	GROUND	GROUND
LB87-9	IN	BATTERY POWER	12V	12V



FIG 1



FIG 2

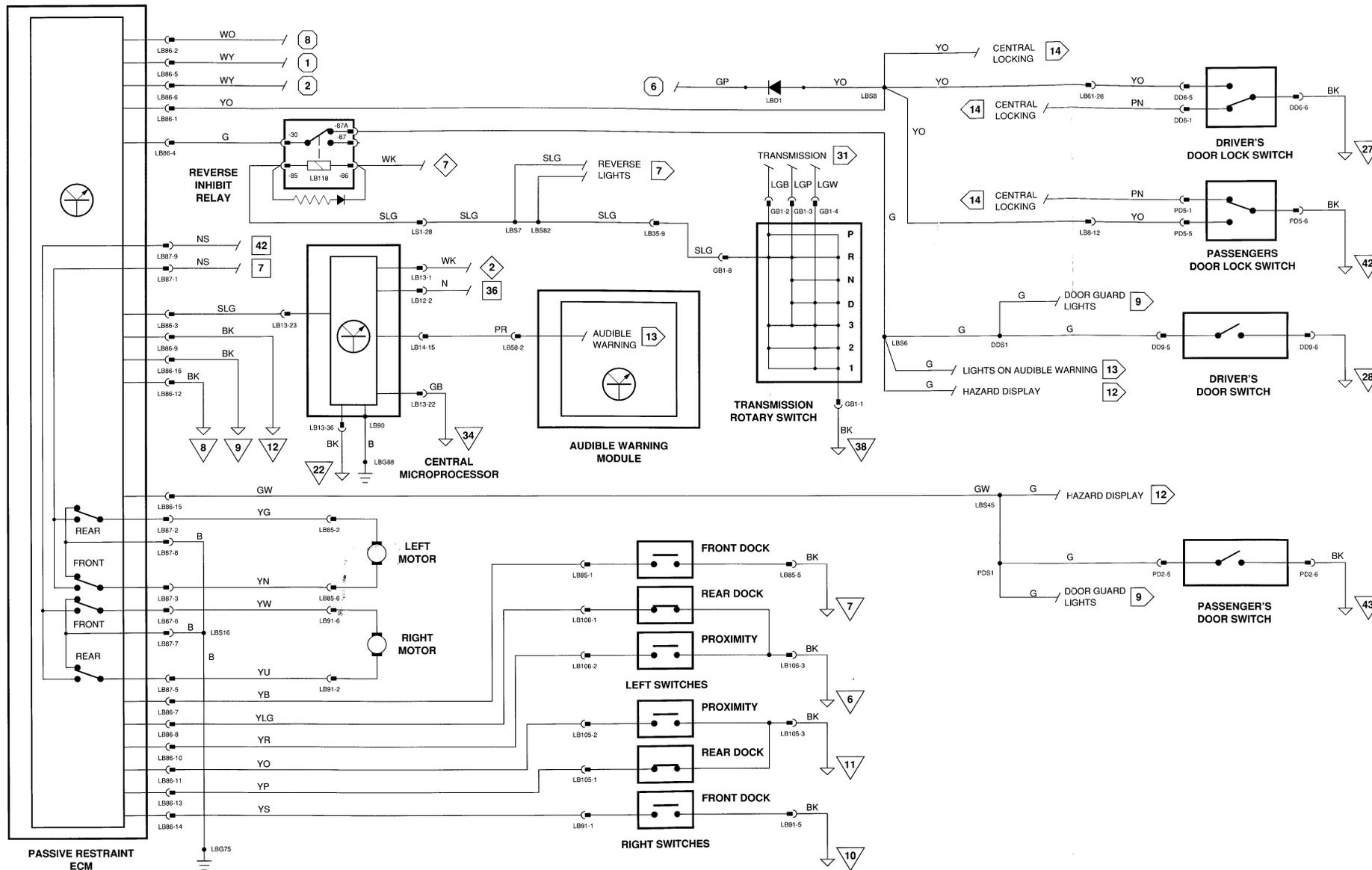


FIG 3



FIG 4





COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AIR INJECTION PUMP	LEFT FRONT BULKHEAD	ENGINE COMPARTMENT
AIR MASS METER	ENGINE COMPARTMENT, LEFT FRONT	ENGINE COMPARTMENT
AIR INJECTION SOLENOID VALVE	LEFT FRONT OF BULKHEAD	ENGINE COMPARTMENT
AMPLIFIER	INBOARD OF RIGHT FRONT INNER FENDER	ENGINE COMPARTMENT
DIAGNOSTIC SOCKET	RIGHT REAR BULKHEAD	ENGINE COMPARTMENT
DIODE—LS01	TRUNK, FRONT LEFT, BELOW RELAYS	LEFT TRUNK TRIM PANEL
EGR SOLENOID VACUUM VALVE	LEFT REAR BULKHEAD	ENGINE COMPARTMENT
ENGINE MANAGEMENT ECU	PASSENGER FOOTWELL	RIGHT DASH UNDER PANEL
FUEL INJECTORS	REAR SUBFRAME, LEFT	ENGINE COMPARTMENT, LEFT
IDLE SPEED ACTUATOR	INLET MANIFOLD, ABOVE	REAR SUBFRAME, BELOW
IGNITION COIL	INLET MANIFOLD, CYLINDERS 2,3, TOP	ENGINE COMPARTMENT
PURGE VALVE	INBOARD OF RIGHT FRONT INNER FENDER	LEFT FRONT WHEEL WELL
RELAY—AIR INJECTION (LS33)	LEFT FRONT FENDER, BELOW	ENGINE COMPARTMENT
RELAY—FUEL PUMP (L15)	LEFT FRONT BULKHEAD	RIGHT DASH UNDER PANEL
RELAY—MAIN (L14)	COMPONENT PANEL	RIGHT DASH UNDER PANEL
RESISTOR (LR1)	RIGHT SIDE HARNESS	6 IN. / IGNITION COIL
SENSOR—AIR TEMP	AIR INTAKE ELBOW	ENGINE COMPARTMENT, LEFT
SENSOR—COOLANT TEMP	THERMOSTAT HOUSING	LEFT, FRONT OF CYLINDER HEAD
SENSOR—CRANKSHAFT	ENGINE FRONT COVER	ENGINE COMPARTMENT, ABOVE
SENSOR—EGR TEMPERATURE	INTAKE MANIFOLD THROTTLE	ENGINE COMPARTMENT
SENSOR—OXYGEN	FRONT, CATALYTIC CONVERTER	ENGINE COMPARTMENT, RIGHT
THROTTLE POTENTIOMETER	BELOW THROTTLE BODY	ENGINE COMPARTMENT, LEFT

CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE	CODE	DESCRIPTION	LOCATION / INTERFACE
LB28	6-WAY PM4 (YELLOW)	RIGHT DASH UNDER PANEL / LH HARNESS	L128	EYELET	IGNITION AMPLIFIER BASE PLATE / POWER GROUND
L41	RELAY BASE (RED)	RIGHT DASH UNDER PANEL / MAIN RELAY	L133	EYELET	AIR MASS METER STUD / POWER GROUND
L15	RELAY BASE (YELLOW)	RIGHT DASH UNDER PANEL / FUEL PUMP RELAY	L137	2-WAY BOSCH SOCKET (BLK)	ENGINE COMPARTMENT / LAMBDA SENSOR HEATER
L18	2-WAY RWC SOCKET (GREY)	ENGINE COMPARTMENT / INJECTOR 1	L139	2-WAY BOSCH SOCKET (BLK)	ENGINE, LEFT FRONT / VACUUM SOLENOID VALVE
L19	2-WAY RWC SOCKET (GREY)	ENGINE COMPARTMENT / INJECTOR 5	L42	2-WAY BOSCH SOCKET (BLK)	AIR INTAKE ELBOW / AIR TEMP. SENSOR
L110	2-WAY RWC SOCKET (GREY)	ENGINE COMPARTMENT / INJECTOR 4	L45	24-WAY PM40 (GREEN)	PASSENGER FOOTWELL / GB HARNESS
L111	2-WAY RWC SOCKET (GREY)	ENGINE COMPARTMENT / INJECTOR 3	L47	2-WAY BOSCH (BLACK)	BELOW INTAKE MANIFOLD / EGR TEMPERATURE SENSOR
L112	2-WAY RWC SOCKET (GREY)	ENGINE COMPARTMENT / INJECTOR 2	L48	2-WAY BOSCH (BLACK)	LEFT REAR OF ENGINE / EGR SOLENOID VALVE
L113	2-WAY RWC SOCKET (GREY)	ENGINE COMPARTMENT / INJECTOR 1	L55	6-WAY PM4 (BLUE)	BELOW INTAKE MANIFOLD / THROTTLE POTENTIOMETER
L114	SPRADE (WHITE)	ENGINE COMPARTMENT, RIGHT / LAMBDA SENSOR	L56	4-WAY PACKARD (BLACK)	INTAKE MANIFOLD, TOP / THROTTLE POTENTIOMETER
L118	6-WAY PM4 (YELLOW)	UNDER AIR CLEANER HOUSING / LS HARNESS	L58	25-WAY AMP SOCKET (BLK)	DRIVER FOOTWELL / ENGINE MANAGEMENT ECU
L119	6-WAY BOSCH SOCKET (BLK)	ENGINE COMPARTMENT, LEFT / AIR MASS METER	L59	25-WAY AMP SOCKET (YEL)	DRIVER FOOTWELL / ENGINE MANAGEMENT ECU
L20	2-WAY BOSCH SOCKET (BLK)	ENGINE, FRONT / BULB TEMP. SENSOR	L125	7-WAY BOSCH (BLACK)	RIGHT FRONT BULKHEAD / IGNITION AMPLIFIER
L21	3-WAY PM4 (BLACK)	ENGINE, FRONT / ENGINE SPEED SENSOR	LS3	9-WAY PM4 (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
L22	3-WAY PM4 (BLACK)	ENGINE, LEFT FRONT / AIR INJECTION PUMP	LS10	3-WAY PM4 (BLACK)	LEFT CAVITY, REAR SEAT PAN / FP HARNESS
L26	EYELET (RED)	ENGINE COMPARTMENT, RIGHT / IGNITION COIL	LS33	RELAY BASE (GREEN)	LEFT RADIATOR SUPPORT / AIR PUMP RELAY
L27	EYELET (BLACK)	ENGINE COMPARTMENT, RIGHT / IGNITION COIL	RS7	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, ABOVE IGNITION COIL / LH HARNESS

GROUPS

CODE	DESCRIPTION	LOCATION / INTERFACE	CODE	DESCRIPTION	LOCATION / INTERFACE
LS272	EYELET	DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND	LS32	EYELET	INLET MANIFOLD #2 CYLINDER FIRING STUD / POWER GROUND
LG30	EYELET	ENGINE COMPARTMENT BULKHEAD, RIGHT / POWER GROUND	LSG121	EYELET	TRUNK TRIM PANEL, LEFT REAR / FUEL PUMP POWER GROUND
LG31	EYELET	ENGINE COMPARTMENT BULKHEAD, RIGHT / POWER GROUND			

INPUTS / OUTPUTS

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LH1-1	IN	TRANSDUCER GROUND	GROUND	GROUND
LH1-2	IN	TRANSDUCER GROUND	GROUND	GROUND
LH1-3	OUT	LOAD SIGNAL	IDLE IN 'N': APPROX 1.4V	KEY ON, ENGINE OFF: LESS THAN 1V
LH1-5	IN	IGNITION ON POWER	12V	0V
LH1-6	OUT	IDLE TRIM ADJUSTMENT	ADJUSTMENT RANGE: 0-5V	KEY OFF: 0V
LG3	IN	POWER GROUND	GROUND	GROUND

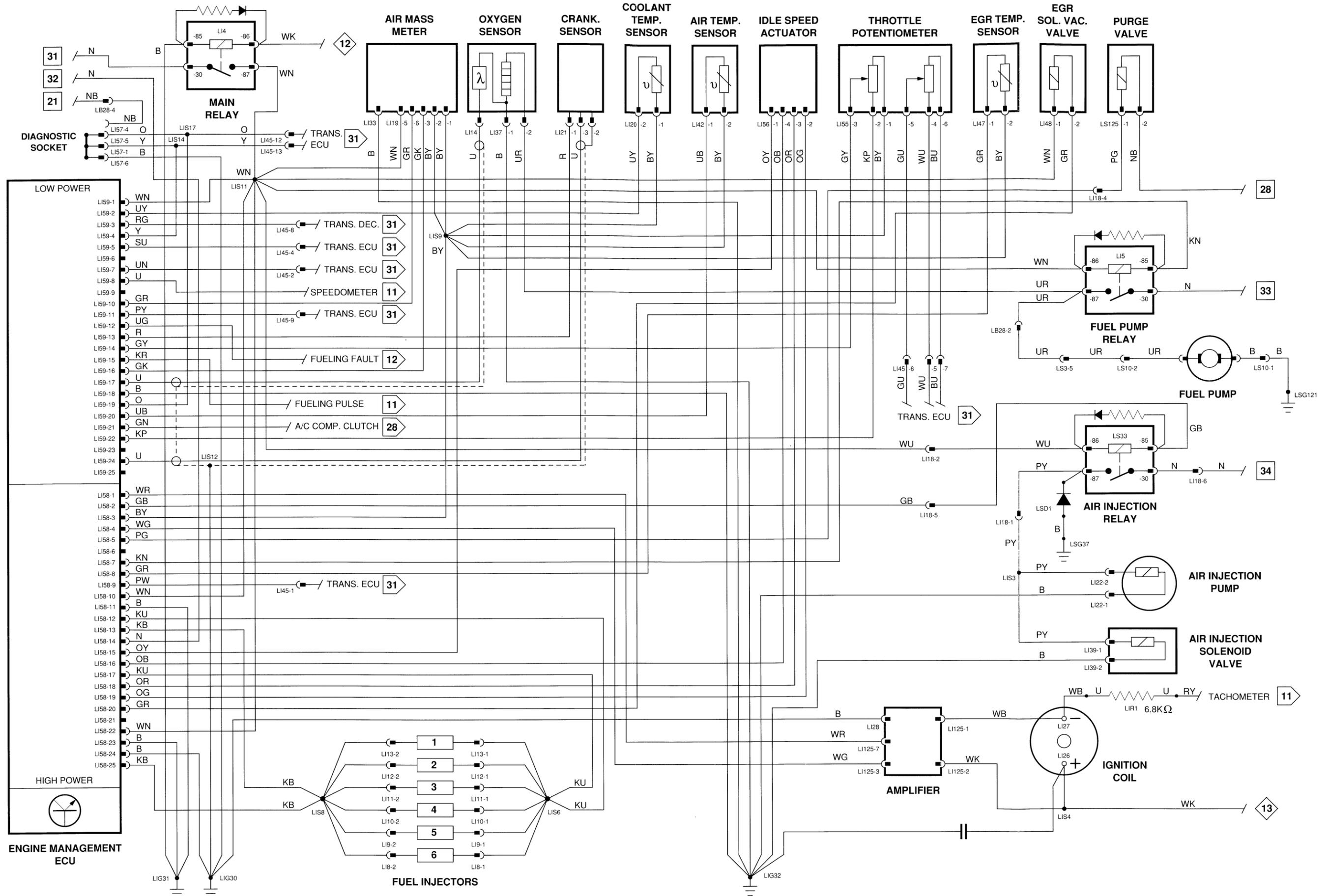
ENGINE MANAGEMENT ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LS8-1	OUT	IGNITION DRIVE	PULSED SIGNAL APPROX 0-6V AT IDLE	0V
LS8-2	OUT	AIR INJECTION RELAY	GROUND: 0V	12V
LS8-3	OUT	AIR MASS METER / SENSORS	GROUND: 0V	GROUND: 0V
LS8-4	OUT	IGNITION AMPLIFIER	KEY ON: 5V	KEY OFF: 0V
LS8-5	OUT	PURGE VALVE CONTROL	GROUND: 0V	12V
LS8-6	NOT USED			
LS8-7	OUT	FUEL PUMP RELAY	GROUND	KEY ON, ENGINE OFF:
LS8-8	IN	EGR TEMP. SENSOR—IGNITION ON, ENGINE OFF	4-5V APPROX.	
LS8-9	OUT	TRANSMISSION ECU (INJECTOR PULSE—ENGINE LOAD)	PULSED SIGNAL	GROUND
LS8-10	IN	IGNITION SWITCHED POWER	12V	0V
LS8-11	OUT	LOGIC GROUND	GROUND	GROUND
LS8-12	OUT	INJECTORS (SUPPLY)	PULSED SIGNAL	12V
LS8-13	OUT	INJECTORS (DRIVE)	PULSED SIGNAL	12V
LS8-14	IN	BATTERY POWER	12V	12V
LS8-15	OUT	IDLE SPEED ACTUATOR	PULSED SIGNAL	KEY ON, ENGINE OFF: 10V
LS8-16	OUT	IDLE SPEED ACTUATOR	PULSED SIGNAL	KEY ON, ENGINE OFF: LESS THAN 1V
LS8-17	OUT	INJECTORS (SUPPLY)	PULSED SIGNAL	12V
LS8-18	OUT	IDLE SPEED ACTUATOR	PULSED SIGNAL	KEY ON, ENGINE OFF: 10V
LS8-19	OUT	IDLE SPEED ACTUATOR	PULSED SIGNAL	KEY ENGINE OFF: LESS THAN 1V
LS8-20	OUT	EGR SOLENOID VALVE	GROUND	KEY ON, ENGINE OFF: 12V
LS8-21	IN	AIR CONDITIONER COMPRESSOR	16V	0V
LS8-22	IN	IGNITION SWITCHED POWER	12V	0V
LS8-23	OUT	LOGIC GROUND	GROUND	GROUND
LS8-24	OUT	LOGIC GROUND	GROUND	GROUND
LS8-25	OUT	INJECTORS (DRIVE)	PULSED SIGNAL	12V
LS8-1	IN	IGNITION SWITCHED POWER	12V	0V
LS8-2	IN	APPROX. 2.6V @30°C	"P", "N", "2": GROUND	0V
LS8-3	IN	TRANSMISSION DECODER (IDLE FUEL)	GROUND	"R", "D", "3": 2V
LS8-4	IN	SERIAL PORT (DIAGNOSTIC SOCKET)	PULSED SIGNAL	GROUND
LS8-5	IN	TRANSMISSION ECU (IGNITION TIMING CONTROL)	PULSED SIGNAL	0V
LS8-6	NOT USED			
LS8-7	OUT	TRANSMISSION ECU (IGNITION TIMING SELECT)	PULSED SIGNAL	0V

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LS9-8	IN	SPEEDOMETER (ROAD SPEED SIGNAL)	GROUND	GROUND
LS9-9	NOT USED			
LS9-10	IN	AIR MASS METER IDLE TRIM ADJUSTMENT	RANGE: 0-5V	KEY OFF: 0V
LS9-11	OUT	ENGINE SPEED SIGNAL	PULSED SIGNAL	0V
LS9-12	OUT	FUELING FAULT (CHECK ENGINE)	GROUND	12V
LS9-13	IN	CRANKSHAFT SENSOR	PULSED SIGNAL	GROUND
LS9-14	IN	THROTTLE POTENTIOMETER WIPER	240mV-4.9V	0V
LS9-15	OUT	FUEL USED	PULSED SIGNAL	12V
LS9-16	IN	AIR MASS METER LOAD	IDLE IN 'N': APPROX 1.4V	0V
LS9-17	IN	OXYGEN SENSOR	0-1V SWING	ENGINE OFF: 0V
LS9-18	IN	OXYGEN SENSOR GROUND	GROUND	GROUND
LS9-19	OUT	SERIAL PORT (DIAGNOSTIC SOCKET)	GROUND	GROUND
LS9-20	IN	AIR TEMPERATURE SENSOR	SENSED VOLTAGE: 2.3V @24°C	0V
LS9-21	IN	A/C COMPRESSOR (IDLE STEP)	12V	0V
LS9-22	OUT	THROTTLE POTENTIOMETER POWER	5V	0V
LS9-23	NOT USED			
LS9-24	OUT	CRANKSHAFT SENSOR GROUND	GROUND	GROUND

CONTINUED AT LEFT ON FOLDOUT





## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DECODER MODULE	COMPONENT PANEL	RIGHT DASH UNDER PANEL
DIAGNOSTIC SOCKET	RIGHT REAR BULKHEAD	ENGINE COMPARTMENT
GEAR POSITION INDICATOR MODULE	"J" GATE	"J" GATE
KICKDOWN SWITCH	ACCELERATOR PEDAL	ACCELERATOR PEDAL
MODE SWITCH	"J" GATE	"J" GATE
RELAY—TRANSMISSION (GB4)	RIGHT COMPONENT PANEL	RIGHT DASH UNDER PANEL
ROTARY SWITCH	GEARBOX, LEFT FRONT	BELOW VEHICLE
THROTTLE POTENTIOMETER	INTAKE MANIFOLD, BELOW	ENGINE COMPARTMENT
TRANSMISSION ECU	RIGHT COMPONENT PANEL	RIGHT DASH UNDER PANEL

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GB1	24-WAY PMHD (YELLOW)	CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH
GB2	6-WAY AMP (WHITE)	CENTER CONSOLE SKI SLOPE PANEL / MODE SWITCH
GB3	15-WAY PMHD	CENTER CONSOLE SKI SLOPE PANEL / GEAR SELECTOR ILLUMINATION MODULE
GB4	RELAY BASE (PURPLE)	COMPONENT PANEL / TRANSMISSION RELAY
GB5	55-WAY BOSCH (BLACK)	COMPONENT PANEL / TRANSMISSION ECU
GB6	26-WAY AMP (BLUE)	COMPONENT PANEL / DECODER MODULE
GB11	3-WAY PM4 (GREEN)	COMPONENT PANEL / BULKHEAD HARNESS
LB35	15-WAY PMHD (GREEN)	CENTER CONSOLE / TRANSMISSION RELAY
LB111	3-WAY ECONOSEAL (BLACK)	DRIVER FOOTWELL / KICKDOWN SWITCH
LI45	24-WAY PMHD (GREEN)	COMPONENT PANEL / GEARBOX TO ENG. MANAGEMENT
LI53	6-WAY PM4 (BLUE)	INTAKE MANIFOLD, BELOW / THROTTLE POTENTIOMETER

## GROUNDINGS

CODE	DESCRIPTION	LOCATION / INTERFACE
GBG10	EYELET	TRANSMISSION TUNNEL / POWER GROUND
LBG75	EYELET	BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND
LIG30	EYELET	ENGINE COMPARTMENT BULKHEAD, RS / POWER GROUND

## INPUTS / OUTPUTS

### DECODER MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GB6-1	OUT	GEAR POSITION "3"	GROUND	OPEN CIRCUIT
GB6-2	OUT	GEAR POSITION "2"	GROUND	OPEN CIRCUIT
GB6-3	OUT	GEAR POSITION "R"	GROUND	OPEN CIRCUIT
GB6-4	OUT	GEAR POSITION "D"	GROUND	OPEN CIRCUIT
GB6-5	NOT USED			
GB6-9	OUT	AUDIBLE WARNING "P"	"P": GROUND	"R", "N", "D", "3", "2": 5V
GB6-10	IN	IGNITION SWITCHED POWER	12V	OPEN CIRCUIT
GB6-11	IN	SELECTOR POSITION "R"	"R": GROUND	"P", "N", "D", "3", "2": OPEN CIRCUIT
GB6-12	IN	SELECTOR POSITION "D" RANGE	"D" RANGE: GROUND	"P", "R", "N": OPEN CIRCUIT
GB6-13	IN	SELECTOR POSITION "P" RANGE	"P" RANGE: GROUND	"R", "N", "D", "3", "2": OPEN CIRCUIT
GB6-14	OUT	GEAR POSITION "N"	"N": GROUND	"P", "R", "D", "3", "2": OPEN CIRCUIT
GB6-15	OUT	GEAR POSITION "P"	"P": GROUND	"R", "N", "D", "3", "2": OPEN CIRCUIT
GB6-20	IN	LOGIC GROUND	GROUND	GROUND
GB6-21	IN	POWER GROUND	GROUND	GROUND
GB6-25	OUT	"D" RANGE SELECTED	"D" RANGE: GROUND	"P", "R", "N": OPEN CIRCUIT
GB6-26	OUT	ENGINE MANAGEMENT	"R", "N": GROUND	"R", "D", "3", "2": 5V

### TRANSMISSION ECU

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GB5-1	IN	IGNITION SWITCHED POWER	12V	0V
GB5-2	OUT	OUTPUT SHAFT SPEED SENSOR	5V	0V
GB5-3	IN	ENGINE SPEED SIGNAL	PULSED SIGNAL	0V
GB5-4	OUT	SOLENOID VALVE (FORWARD DRIVE)	GROUND	OPEN CIRCUIT
GB5-6	IN	PRESSURE REGULATOR VALVE SOLENOID	GROUND	GROUND
GB5-7	OUT	POWER GROUND	GROUND	GROUND
GB5-8	IN	THROTTLE POTENTIOMETER WIPER	240MV-4.9V	0V
GB5-9	OUT	LOGIC GROUND	GROUND	GROUND
GB5-14	IN	GEAR POSITION SELECTOR	"R": GROUND	"P", "N", "D", "3", "2": OPEN CIRCUIT
GB5-15	OUT	DIAGNOSTIC SOCKET	GROUND	GROUND
GB5-16	OUT	INSTRUMENT PACK HAZARD DISPLAY	PULSED SIGNAL	0V
GB5-19	OUT	SOLENOID VALVE SUPPLY POWER	12V	0V
GB5-20	OUT	SPEED SENSOR SCREEN	GROUND	GROUND
GB5-21	IN	INJECTOR TIME INPUT	PULSED SIGNAL	0V
GB5-24	IN	SOLENOID VALVE (2ND)	GROUND	OPEN CIRCUIT
GB5-25	IN	ENGINE MANAGEMENT INPUT	PULSED SIGNAL	0V
GB5-26	OUT	POWER GROUND	GROUND	GROUND
GB5-32	IN	ENGINE MANAGEMENT INPUT	PULSED SIGNAL	0V
GB5-33	IN	GEAR POSITION SELECTOR	"D" RANGE: GROUND	"P", "R", "N": OPEN CIRCUIT
GB5-38	IN	OUTPUT SHAFT SPEED SENSOR	PULSED SIGNAL	0V
GB5-39	IN	BATTERY POWER	12V	12V
GB5-41	IN	KICKDOWN SWITCH	GROUND	5V
GB5-42	OUT	SOLENOID VALVE (LOCKUP)	LOCKUP: GROUND	OPEN CIRCUIT
GB5-43	IN	MODE SWITCH SELECT	SPORT: GROUND	NORMAL: 5V
GB5-44	IN	THROTTLE POTENTIOMETER GROUND	GROUND	OPEN CIRCUIT
GB5-45	OUT	THROTTLE POTENTIOMETER POWER	5V	0V
GB5-49	OUT	SPORT MODE SIGNAL	SPORT MODE: 5V	NORMAL: 0V
GB5-50	IN	GEAR POSITION SELECT "P"	"P": GROUND	"R", "N", "D", "3", "2": OPEN CIRCUIT
GB5-51	OUT	DIAGNOSTIC SOCKET	GROUND	GROUND



