WARNING: THIS PUBLICATION IS INTENDED FOR USE BY PROFESSIONAL TECHNICIANS WITH KNOWLEDGE OF JAGUAR VEHICLE SYSTEMS. ALL NECESSARY SAFETY PRECAUTIONS MUST BE TAKEN WHEN SERVICING OR HANDLING COMPONENTS AND SYSTEMS THAT HAVE THE POTENTIAL FOR CAUSING BODILY INJURY OR DEATH.

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SEDAN RANGE 1990 MY

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FIG 4 — LOGIC GROUND DISTRIBUTION DATA PAGE ADDITION

GROUNDS

CODE

DESCRIPTION

LBG78

EYLET

LOCATION / INTERFACE

BULKHEAD, BEHIND RIGHT BLOWER AIR DUCT / CENTRAL

LOGIC GROUND

FIG 5 — BATTERY; STARTER; ALTERNATOR WIRING DIAGRAM CORRECTION

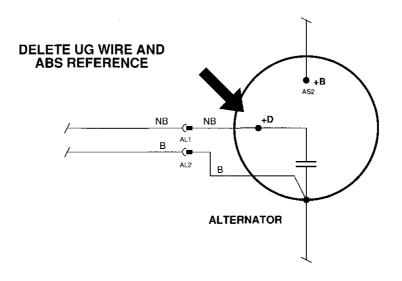


FIG 8 — TURN SIGNALS; HAZARD WARNING LIGHTS; STOP LIGHTS WIRING DIAGRAM CORRECTION

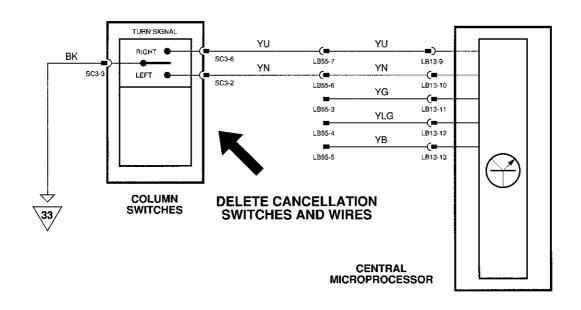


FIG 10 — INSTRUMENT LIGHTING; LOCATE LIGHTING; CLOCK WIRE COLOR CODE CORRECTION

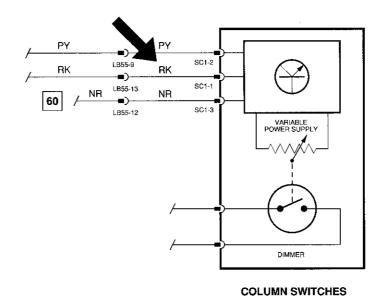


FIG 12 — INSTRUMENTATION: HAZARD AND FAULT DISPLAY CIRCUIT NOTATION CORRECTION

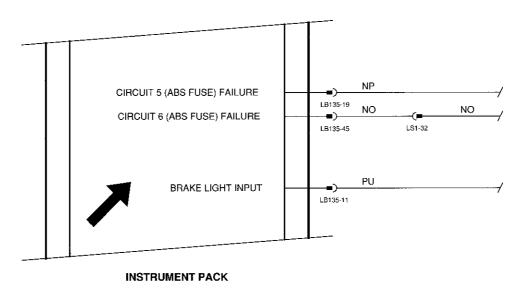


FIG 20 — HEATERS: REAR WINDOW, DOOR MIRRORS WIRE COLOR CODE CORRECTION

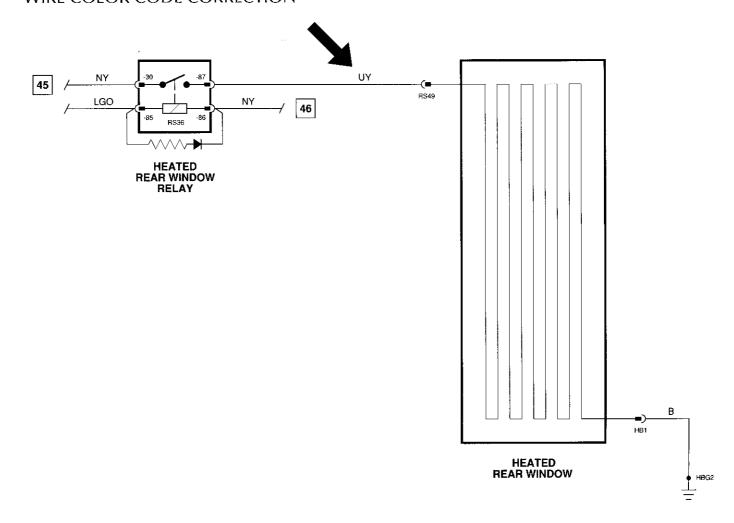


FIG 25 — SPEED CONTROL (CRUISE CONTROL)

WIRING DIAGRAM CORRECTION

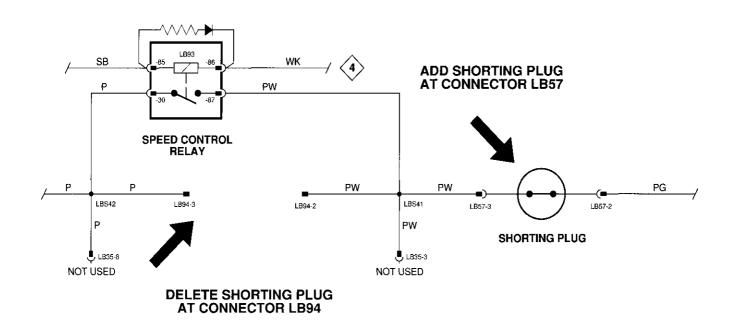


FIG 27 — CLIMATE CONTROL WIRING DIAGRAM CORRECTION

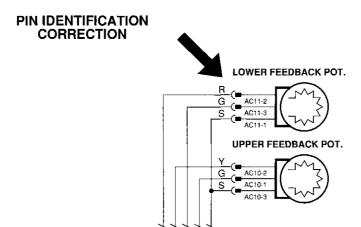


FIG 30 — ENGINE MANAGEMENT DATA PAGE CORRECTION

INPUTS / OUTPUTS

ENGINE MANAGEMENT ECU

CODEIN / OUTCIRCUITACTIVEINACTIVELI58-1OUTIGNITION DRIVEPULSED SIGNAL APPROX. 0-.6 V AT IDLE0 V

LI59-3 IN TRANS. DECODER "P", "N" GROUND "R", "D", "3", "2": 5V (IDLE FUEL)

FIG 31 — TRANSMISSION CONTROL DATA PAGE ADDITION / CORRECTION

CONNECTORS

CODE DESCRIPTION LOCATION / INTERFACE

GB7 8-WAY ZF CONNECTOR TRANSMISSION CASE / TRANSMISSION COMPONENTS

INPUTS / OUTPUTS

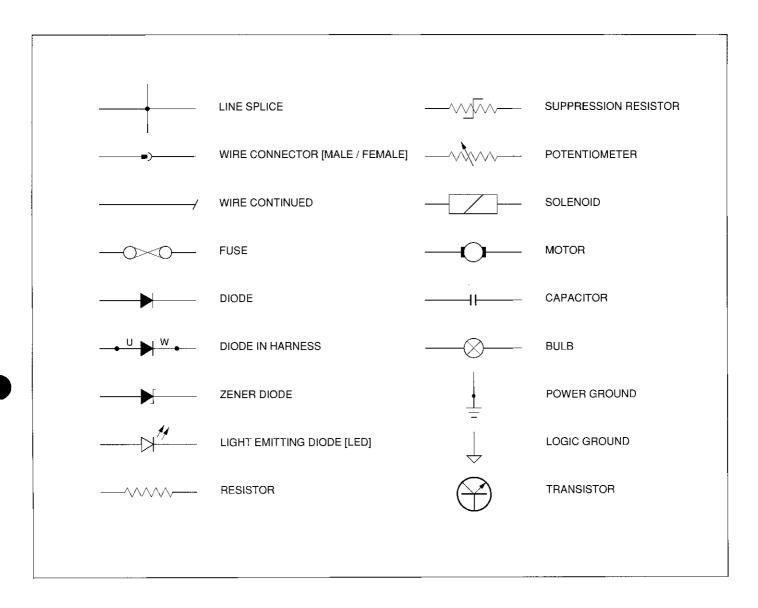
TRANSMISSION ECU

 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



WIRING COLOR CODES

Brown	Y	Yellow
Black	Ο	Orange
White	S	Slate
Pink	L	Light
Green	U	Blue
Red	Р	Purple
	Black White Pink Green	Black O White S Pink L Green U

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)

KEY TO SYMBOLS AND DATA PAGES

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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
FACIA SWITCH PACK
FLASH SWITCH

LOCATION

ABOVE STEERING COLUMN LEFT STEERING COLUMN STALK ACCESS

DASH UNDER PANEL, LEFT STEERING COLUMN COVER

CONNECTORS

CODE FF1 DESCRIPTION

3-WAY BULB CONNECTOR 3-WAY BULB CONNECTOR LOCATION / INTERFACE

BEHIND HEADLIGHTS / HEADLIGHT OUTER BEAM BEHIND HEADLIGHTS / HEADLIGHT INNER BEAM

GROUNDS

CODE DESCRIPTION

FFG3 EYELET LSG37 EYELET LOCATION / INTERFACE

LEFT AND RIGHT FRONT CORNER / POWER GROUND ENGINE COMPARTMENT, LF / POWER GROUND

INPUTS/OUTPUTS

LIGHTING LOGIC UNIT

LB49-3 OUT LB49-4 OUT CIRCUIT REAR FOG LIGHTS FRONT FOG LIGHTS ACTIVE GROUND GROUND INACTIVE

FIG 1

BATTERY POWER DISTRIBUTION

COMPONENTS

DESCRIPTION

BATTERY FUSE PANEL—AUXILIARY FUSE PANEL—LEFT FUSE PANEL—RIGHT

FRONT BULKHEAD, RIGHT TRUNK, LEFT SIDE (WHEN FITTED) DRIVER FOOTWELL PASSENGER FOOTWELL

ACCESS

ENGINE COMPARTMENT TRUNK TRIM PANEL 'A' POST TRIM PANEL 'A' POST TRIM PANEL

CONNECTORS

CODE	DESCRIPTION
FL1	EYELET
FR1	EYELET
LB71	EYELET
LB82	EYELET
1.0.00	A MANATTO M

LB128 LB129 LB130 LB131 LI29 LS65 LS72 LS73 LS127 LS129 RS24 RS105

EYELET
9-WAY TTS (WHITE)
5-WAY TTS (MATURAL)
9-WAY TTS (MATURAL)
9-WAY TTS (MATURAL)
EYELET
3-WAY PMA (YELLOW)
9-WAY TTS (BLACK)
5-WAY TTS (BLACK)
IN-LINE FUSE HOLDER (BLACK)
IN-LINE FUSE HOLDER (BLACK)
24-WAY PMHD (YELLOW)
9-WAY TTS (BLACK)
5-WAY TTS (BLACK)

LOCATION / INTERFACE

LOCATION / INTERFACE

LEFT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD

RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD

RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD

RIGHT BULKHEAD, BEHIND DASH / BATTERY POSITIVE STUD

PASSENGER FOOTWELL / LEFT FUSE PANEL

PASSENGER FOOTWELL / LEFT FUSE PANEL

DRIVER FOOTWELL / LEFT FUSE PANEL

DRIVER FOOTWELL / LEFT FUSE PANEL

ENGINE COMPARTMENT BULKHEAD, RIGHT / BATTERY POSITIVE STUD

TRUNK, LEFT, TRIM PANEL / AUXILIARY FUSE PANEL

DRIVER FOOTWELL / LEFT FUSE PANEL

DRIVER FOOTWELL / RIGHT FUSE PANEL

RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS

PASSENGER FOOTWELL / RIGHT FUSE PANEL

PASSENGER FOOTWELL / RIGHT FUSE PANEL



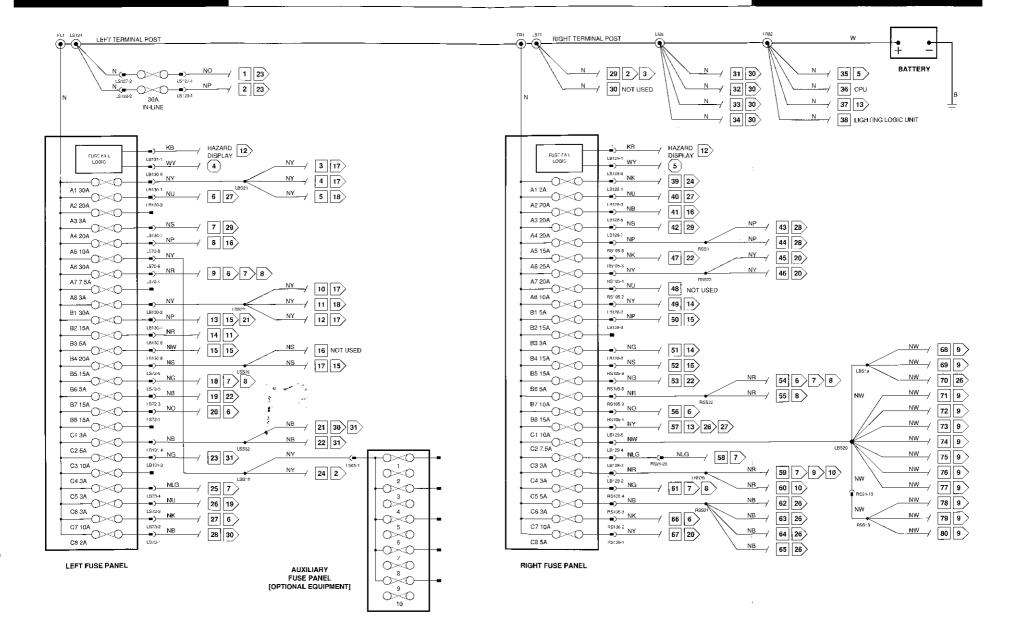
FIG 1



IGNITION SWITCHED GROUND







IGNITION SWITCHED POWER DISTRIBUTION

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

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

LOCATION / INTERFACE

LOCATION / INTERFACE

RIGHT DASH UNDER PANEL / IGNITION ON RELAY

RIGHT DASH UNDER PANEL / LI HARNESS

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 LSG39 DESCRIPTION EYELET

LOCATION / INTERFACE

BEHIND TRUNK TRIM PANEL / POWER GROUND

BATTERY POWER

FIG 1

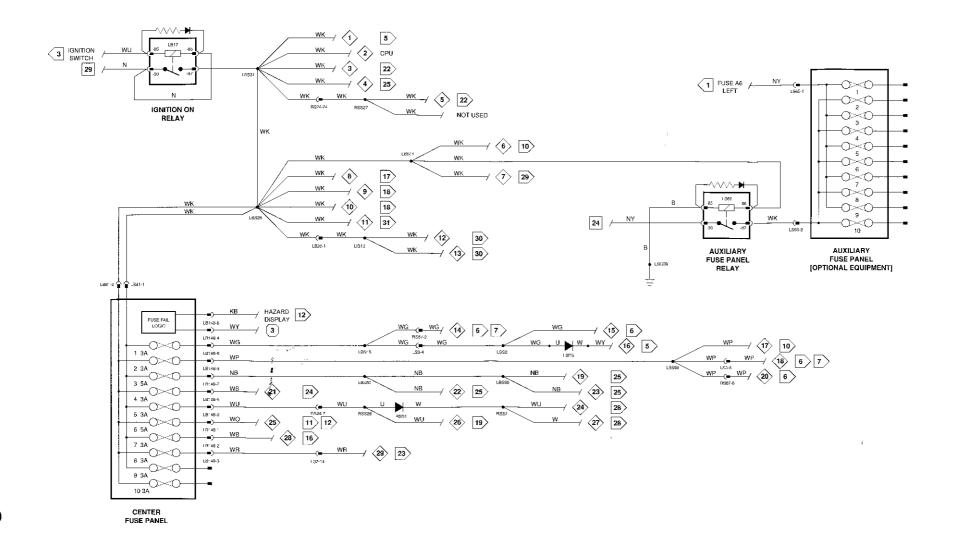
IGNITION POWER

FIG 2

IGNITION SWITCHED GROUND







IGNITION SWITCHED GROUND DISTRIBUTION

COMPONENTS

DESCRIPTION

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

LOCATION

COCATION

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

DESCRIPTION

RELAY BASE (BLUE)
24-WAY PMHD (BLACK)
3-WAY TTS SOCKET (GREY)
24-WAY PMHD (YELLOW)
.250 BLADE
6-WAY PMHD (GREEN) LB17 LB55 LB64 RS24

RS111 SC5

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

BATTERY POWER FIG 1

IGNITION POWER

IGNITION SWITCHED GROUND





FIG 2

FIG 3

SC5-2 RW SC5-1

SC5-3

SC5-2

SC5-1

SC5-5

OFF

IGN

AUX

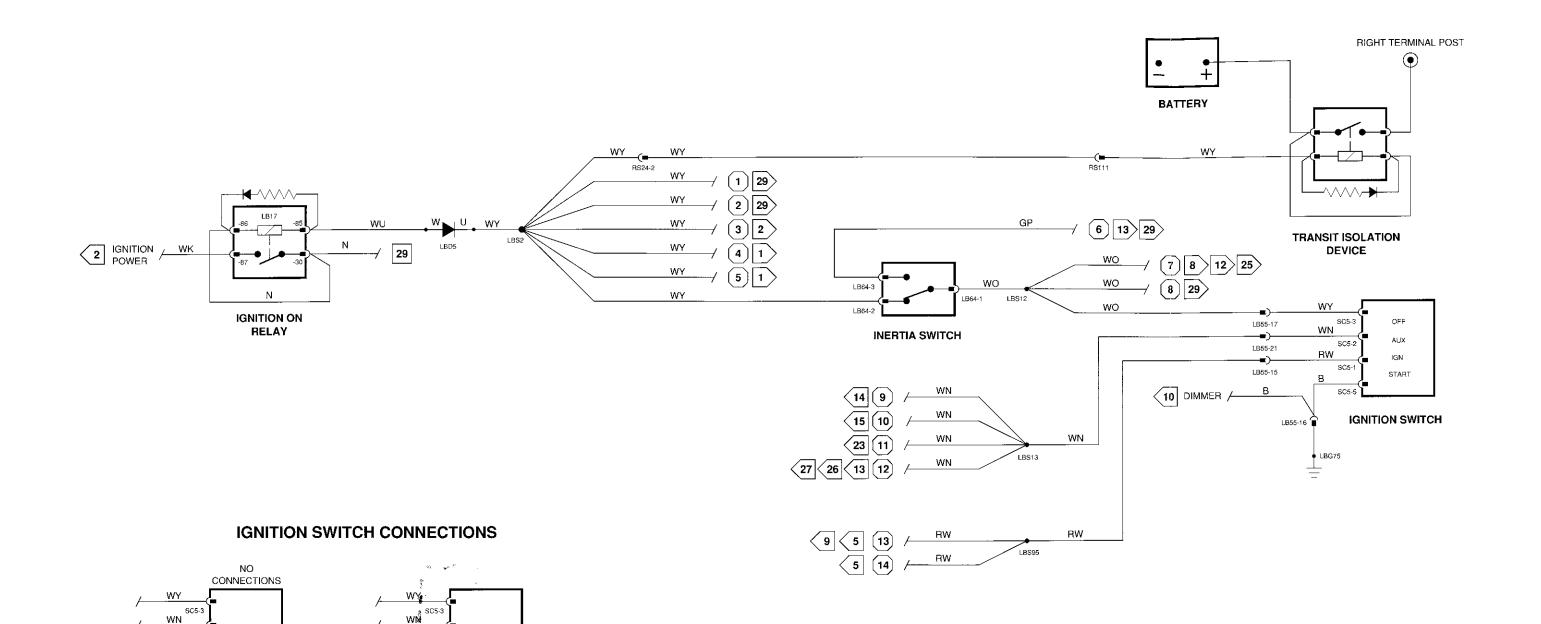
START

\$05-3 WN

SC5-1

RW

FIG 3



IGNITION SWITCHED GROUND DISTRIBUTION

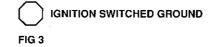
LOGIC GROUND DISTRIBUTION

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 LS24	3-WAY PM4 (YELLOW)	ENGINE COMPARTMENT / BRAKE FLUID SENSOR
LS29	3-WAY PM4 (BLACK) 9-WAY PM4 (BLACK)	ENGINE COMPARTMENT / COOLANT LEVLE SENSOR ENGINE COMPARTMENT, LEFT FRONT / BULB FAIL MODULE
PD2	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
PD5	6-WAY PM4 (BLACK)	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 FRUNK TRIM PANEL, RIGHT / BULB FAIL MODULE
RS88	RELAY BASE (BLUE)	PASSENGER FOOTWELL / RS HARNESS
	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
	· - /	

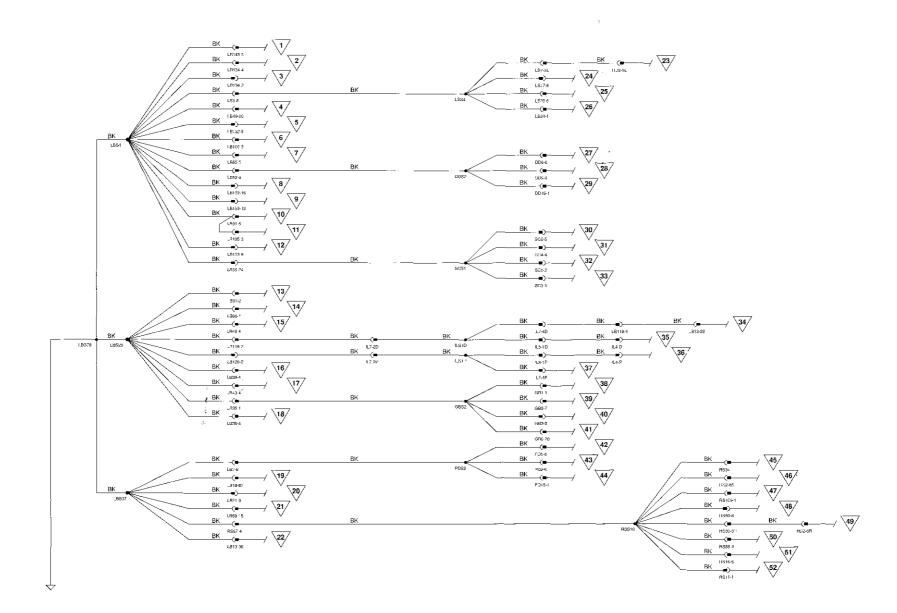












BATTERY; STARTER; ALTERNATOR

COMPONENTS

DESCRIPTION ALTERNATOR BATTERY CENTRAL MICROPROCESSOR DIODE—LBD2
IGNITION SWITCH
LOAD DUMP MODULE
RELAY—STARTER (LB19)
STARTER SOLENOID TRANSMISSION ROTARY SWITCH LOCATION

ENGINE, LEFT, FRONT
FRONT BULKHEAD, RIGHT
BEHIND GLOVE BOX
BULKHEAD, RIGHT OF STEERING COLUMN
STEERING COLUMN
UNDER AIR FILTER HOUSING
COMPONENT PANEL
ENGINE, LEFT SIDE, ABOVE STARTER
GEARBOX FRONT CORNER

UNDER ENGINE COMPARTMENT ENGINE COMPARTMENT UNDER DASH PANEL, RIGHT DASH BOARD STEERING COLUMN COVER ENGINE COMPARTMENT RIGHT DASH UNDER PANEL ENGINE COMPARTMENT, BELOW BELOW VEHICLE

CONNECTORS

CODE DESCRIPTION EYELET RIGHT ANGLE TERMINAL RIGHT ANGLE TERMINAL 24-WAY PMHD (YELLOW) 36-WAY PMHD (BLACK) AS1 36-WAY PMHD (BLACK)
RELAY BASE (WHITE)
6-WAY PM4 (YELLOW)
15-WAY PMHD (GREEN)
24-WAY PMHD (BLACK) LB19 LB28 LB35 LB55 LI34 LL1 LL2 3-WAY PM4 (BLACK) EYELET EYELET 36-WAY PMHD (BLACK) 3-WAY PM4 (BLUE) EYELET 6-WAY PMHD (GREEN) LS₁ SC5

LOCATION / INTERFACE

ENGINE COMPARTMENT, FRONT LEFT / LOAD DUMP MODULE ENGINE COMPARTMENT, FRONT LEFT / LOAD DUMP MODULE ENGINE COMPARTMENT, BELOW / STARTER MOTOR ENGINE COMPARTMENT, BELOW / ALTERNATOR B+CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH RIGHT DASH UNDER PANEL / STARTER RELAY RIGHT DASH UNDER PANEL / LI HARNESS CENTER CONSOLE / LINEAR GEAR SWITCH LEFT DASH UNDER PANEL / COLUMN SWITCHES UNDER WIPER MOTOR / STARTER LINK LEAD ABOVE STARTER MOTOR / STARTER SOLENOID ABOVE STARTER MOTOR / STARTER SOLENOID LEFT 'A' POST, UNDER DASH PANEL / LE HARNESS UNDER AIR FILTER HOUSING / LOAD DUMP MODULE UNDER AIR FILTER HOUSING / LOAD DUMP MODULE ALTERNATOR D+ STEERING COLUMN COVER / IGNITION SWITCH

GROUNDS

CODE

DESCRIPTION

LOCATION / INTERFACE

BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

INPUTS / OUTPUTS

CENTRAL MICROPROCESSOR

IN / OUT IGNITION POWER DOOR KEY SWITCHES IGNITION GROUND IN LB13-21 LB13-36 IN LOGIC GROUND

ACTIVE

12V UNLOCK: GROUND KEY ON: GROUND GROUND

INACTIVE

0V OPEN CIRCUIT KEY OFF: OPEN CIRCUIT GROUND

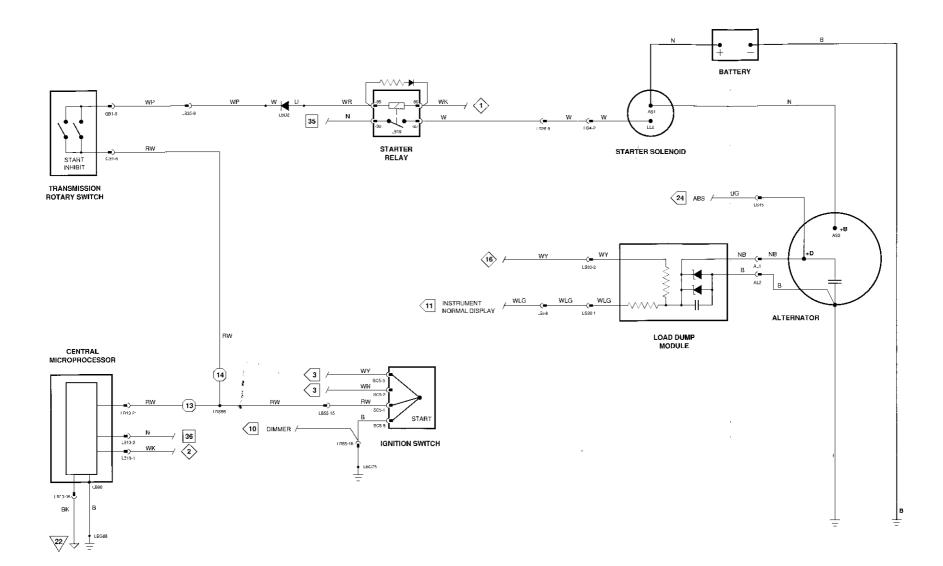


IGNITION POWER FIG 2

IGNITION SWITCHED GROUND







HEADLIGHTS; FOGLIGHTS

COMPONENTS

DESCRIPTION

FACIA SWITCH PACK
FLASH SWITCH
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

ABOVE STEERING COLUMN
LEFT STEERING COLUMN STALK
BEHIND LEFT HEADLIGHTS
TRUNK, LEFT, REAR
BEHIND RIGHT HEADLIGHTS
TRUNK, RIGHT, REAR

ACCESS

ACCESS
ACST UNDER PANEL, LEFT
STEERING COLUMN COVER
ENGINE COMPARTMENT
TRUNK TRIM PANEL
ENGINE COMPARTMENT
TRUNK TRIM PANEL

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
LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK
LB55	24-WAY PMHD (BLACK)	LEFT DASH UNDER PANEL / COLUMN SWITCHES
LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LS16	6-WAY PM4 (BLACK)	TRUNK TRIM PANEL, LEFT REAR / BULB FAIL MODULE
L\$17	15-WAY PMHD (BLACK)	TRUNK TRIM PANEL, LEFT REAR
LS28	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, LEFT FRONT / BULB FAIL MODULE
LS29	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, LEFT FRONT / BUBL FAIL MODULE
LS32	3-WAY PM4 (YELLOW)	BEHIND FRONT VALANCE / LEFT FOG LIGHT
RF2	2-WAY ECONOSEAL (YELLOW)	BEHIND LEFT AND RIGHT TRUNK TRIM PANELS / REAR FOG LIGHT
RS14	2-WAY PM4 (YELLOW)	BEHIND FRONT VALANCE / RIGHT FOG LIGHT
RS16	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, RF / BULB FAIL MODULE
RS17	9-WAY PM4 (YELLOW)	ENGINE COMPARTMENT, RF / BULB FAIL MODULE
R\$22	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
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
SC3	6-WAY PMHD (BLUE)	STEERING COLUMN COVER / DIRECTIONAL SWITCH

GROUNDS

CODE DESCRIPTION FFG3 LSG37 RFG3 RSG53 EYELET EYELET EYELET EYELET

LOCATION / INTERFACE

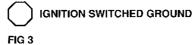
LEFT AND RIGHT FRONT CORNER / POWER GROUND ENGINE COMPARTMENT, LF / POWER GROUND LEFT AND RIGHT TRUNK SILLS / POWER GROUND ENGINE COMPARTMENT, RF / POWER GROUND

INPUTS / OUTPUTS

LIGHTING LOGIC UNIT

=10111110					
CODE	IN/OUT	CIRCUIT		ACTIVE	INACTIVE
LB49-3	OUT	REAR FOG LIGHTS		GROUND	12V
LB49-4	OUT	FRONT FOG LIGHTS	the second	GROUND	12V
LB49-5	OUT	RIGHT LOW BEAM	16	GROUND	12V
LB49-6	OUT	RIGHT HIGH BEAM	1.00m	GROUND	12 V
LB49-7	OUT	HIGH BEAM INDICATOR	F.F.	GROUND	5V
LB49-8	OUT -	HIGH BEAM FLASH		GROUND	12V
LB49-9	OUT	LEFT HIGH BEAM		GROUND	12V
LB49-11	OUT	LEFT LOW BEAM		GROUND	12 V
LB49-20	IN	LOGIC GROUND		GROUND	GROUND
LB49-24	IN	BATTERY POWER		12V	12V

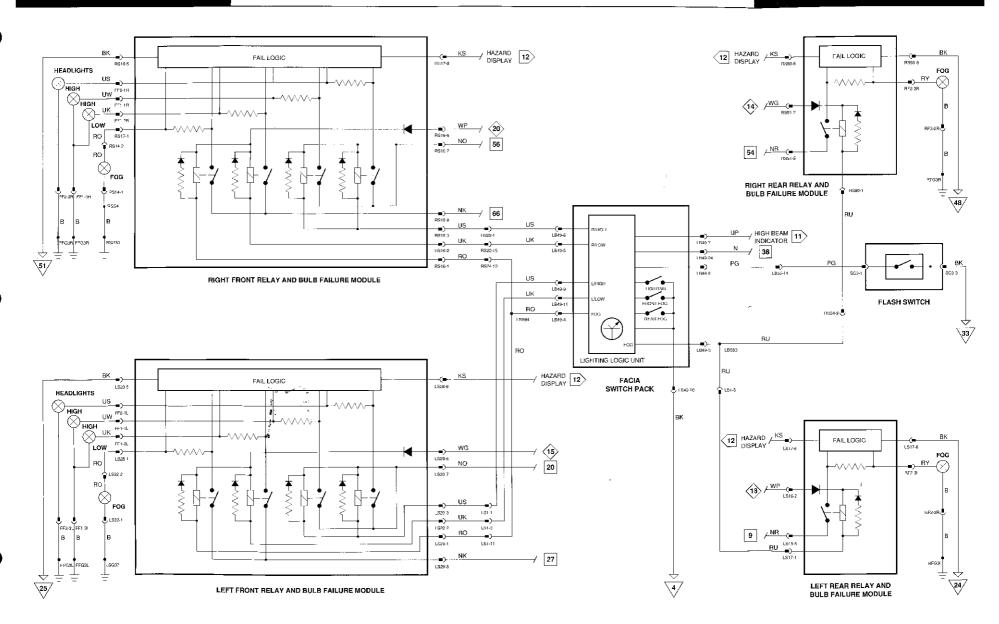








HEADLIGHTS; FOG LIGHTS



SIDE LIGHTS; TAIL LIGHTS

COMPONENTS

DESCRIPTION

DESCRIPTION

FACIA SWITCH PACK
RELAY AND BULB FAILURE MODULE—LEFT FRONT
RELAY AND BULB FAILURE MODULE—LEFT REAR
RELAY AND BULB FAILURE MODULE—RIGHT FRONT
RELAY AND BULB FAILURE MODULE—RIGHT REAR
RELAY—AUXILIARY SIDE LIGHT (LB18)
TRANSMISSION ROTARY SWITCH

LOCATION

ABOVE STEERING COLUMN
BEHIND LEFT HEADLIGHTS
TRUNK, LEFT, REAR
BEHIND RIGHT HEADLIGHTS
TRUNK, RIGHT, REAR
COMPONENT PANEL
GEARBOX LEFT FRONT CORNER

ACCESS

ACCESS
DASH UNDER PANEL, LEFT
ENGINE COMPARTMENT
TRUNK TRIM PANEL
ENGINE COMPARTMENT
TRUNK TRIM PANEL
RIGHT DASH UNDER PANEL
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
R\$50	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
LSG37	EYELET
LSG56	EYELET
RFG3	EYELET
RSG53	EYELET
RSG55	EYELET

LOCATION / INTERFACE

ENGINE COMPARTMENT, LF / POWER GROUND BEHIND TRUNK TRIM PANEL, LR / POWER GROUND LEFT AND RIGHT TRUNK SILLS / POWER GROUND ENGINE COMPARTMENT, RF / POWER GROUND BEHIND TRUNK TRIM PANEL, RR / POWER GROUND

INPUTS / OUTPUTS

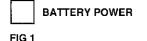
LIGHTING LOGIC UNIT

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	١N	BATTERY POWER

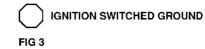
ACTIVE

LIGHTS ON GROUND GROUND GROUND 12V

INACTIVE APPROX .07V GROUND 12V

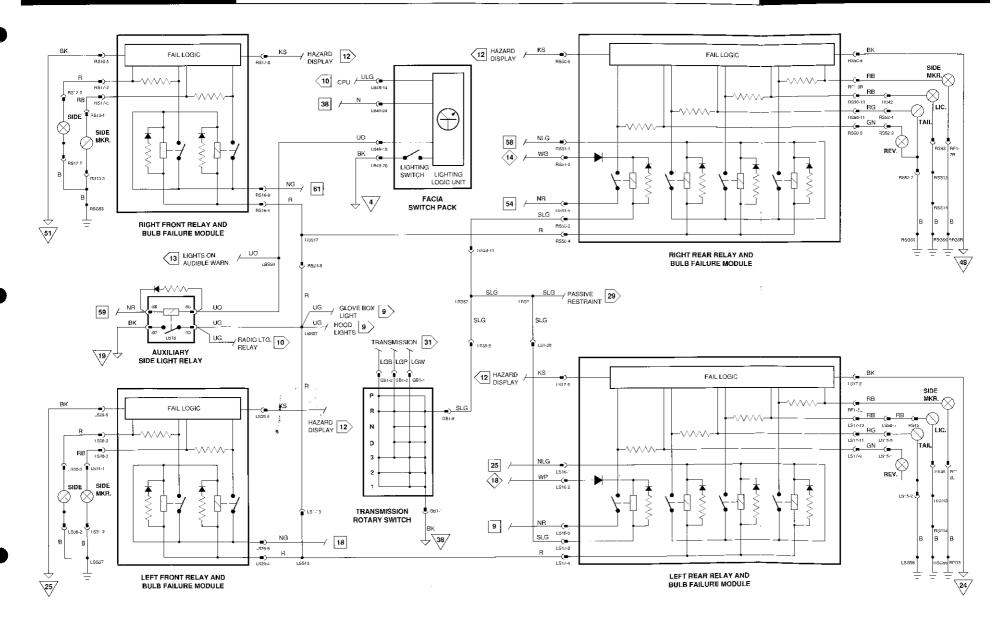












TURN SIGNALS; HAZARD WARNING LIGHTS; STOP LIGHTS

COMPONENTS

DESCRIPTION

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—LIGHT FRONT

RELAY AND BULB FAILURE MODULE—RIGHT FRONT

RELAY AND BULB FAILURE MODULE—RIGHT FRONT

RELAY AND BULB FAILURE MODULE—RIGHT REAR

LOCATION

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

ORIVER 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

COMMECTO	110	
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
L\$29	9-WAY PM4 (BLACK)	ENGINE COMPARTMENT, LEFT FRONT / BULB FAIL MODULE
LS38	3-WAY PM4 (BLACK)	BEHIND FRONT VALANCE / LEFT DIRECTIONAL LIGHT
R\$12	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
LBG72		EYELET
LBG80		EYELET
LBG88		EYELET
LSG37		EYELET
LSG56		EYELET
RSG53		EYELET
BSG55		EVELET.

LOCATION / INTERFACE

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

INPUTS / OUTPUTS

CENTRAL MICROPROCESSOR

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

ROUND PULSE
ROUND PULSE
ROUND PULSE
ROUND PULSE
ROUND PULSE
IL: GROUND
IL: GROUND
IL: 5V
IL: 5V
ROUND
V
AGGERED PULSE TO GROUND

12V
0V
OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT
PASS: 5V
PASS: 5V
PASS: GROUND
PASS: GROUND
GROUND
GROUND
12V
12V
12V
5V
5V
5V
•

INACTIVE

COLUMN SWITCHES

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

OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT
OPEN CIRCUIT

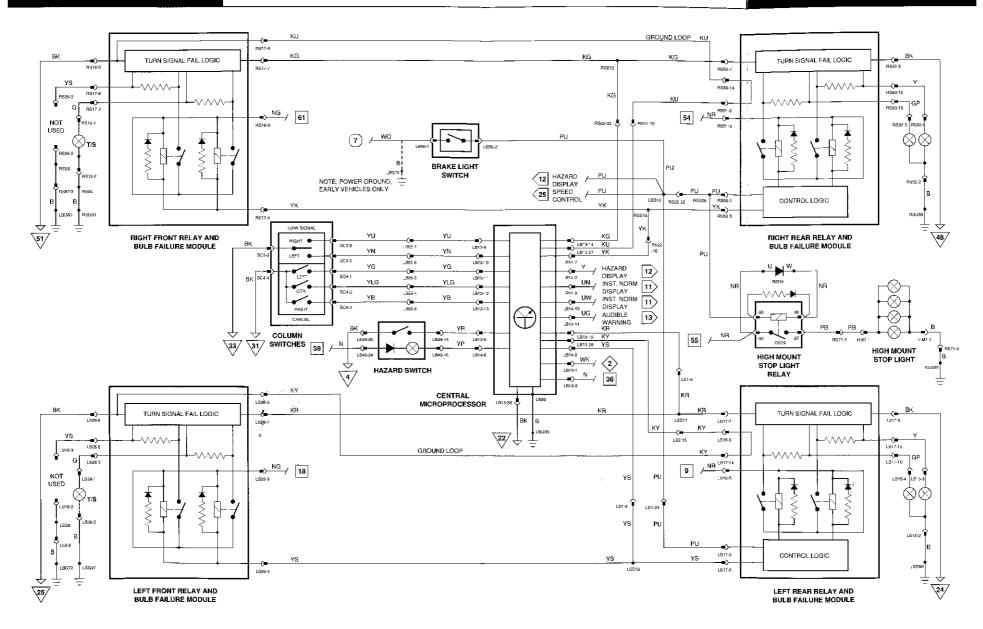
BATTERY POWER











INTERIOR LIGHTING

COMPONENTS

DESCRIPTION

CENTER CONSOLE SWITCHES CENTRAL MICROPROCESSOR DIODE—LBD8 DIODE—RSD6 DOOR GUARD LIGHTS 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 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 ARM REST DOOR LATCH LEFT 'E' POST RIGHT 'E' POST ABOVE STEERING COLUMN DASH GLOVE BOX DASH GLOVE BOX DASH GLOVE BOX RADIATOR BRACE, RE HADIATOR 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 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 POST THIM
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	LOCATION / INTERFACE	CODE	DESCRIPTION	LOCATION / INTERFACE
BH1	3-WAY ECONOSEAL (RED)	HOOD SOUND DEADENER / UNDER HOOD LAMP	LB119	5-WAY PIN CONNECTOR (BLACK)	CARPET UNDER DRIV. SEAT / DRIVER S
BH2	3-WAY ECONOSEAL(RED)	HOOD SOUND DEADENER / UNDER HOOD LAMP	LB120	5-WAY PIN CONNECTOR (BLACK)	CARPET UNDER PASS, SEAT / PASS, SI
CB1	SLIM LOCK TERMINAL	GLOVE BOX / LAMP	LB122	AMP IN-LINE	ABOVE ROOF CONSOLE / RIGHT VANIT
CB2	SLIM LOCK TERMINAL	GLOVE BOX / LAMP	LB123	AMP IN-LINE	ABOVE ROOF CONSOLE / RIGHT VANIT
CB3	SLIM LOCK TERMINAL	GLOVE BOX / SWITCH	LB124	AMP IN-LINE	ABOVE ROOF CONSOLE / LEFT VANITY
CB4	SLIM LOCK TERMINAL	GLOVE BOX / SWITCH	LB125	AMP IN-LINE	ABOVE ROOF CONSOLE / LEFT VANITY
DD2	24-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH PANEL	LS1	36-WAY PMHD (BLACK)	LEFT 'A' POST, UNDER DASH PANEL / LI
DD9	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH	LS2	15-WAY PMHD (YELLOW)	LEFT ÆAÆ POST, UNDER DASH PANEL
DD12	2-WAY PMHD (BLUÉ	DOOR TRIM, LOWER / DOOR SWITCH PANEL	LS6	6-WAY PMHD (BLACK)	LEFT 'B/C' POST LINER / RD HARNESS
DS2	.250 BLADE RECEPTACLE	DOOR TRIM, LOWER / DOOR GUARD LAMP	LS42	2-WAY ECONOSEAL	LEFT 'E' POST TRIM / MAP READING LIG
DS3	.250 BLADE RECEPTACLE	DOOR TRIM, LOWER / DOOR GUARD LAMP	PD2	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
DS4	2-WAY ECONOSEAL (BLACK)	DOOR TRIM, LOWER / DOOR GUARD LAMP	PD8	6-WAY PMHD (YELLOW)	DOOR TRIM, LOWER / DOOR SWITCH P.
IL2	POSITIVE LOCK RECEPTACLE	FRONT SEAT HEADREST / READING LAMP	PD15	2-WAY PMHD (BLUE)	DOOR TRIM, LOWER / DOOR SWITCH P.
IL3	POSITIVE LOCK TERMINAL	FRONT SEAT HEADREST / READING LAMP	PS2	.250 BLADE RECEPTACLE	DOOR TRIM, LOWER / DOOR GUARD LK
IL4	.250 BLADE RECEPTACLE	FRONT SEAT HEADREST / READING LAMP	PS3	.250 BLADE RECEPTACLE	DOOR TRIM, LOWER / DOOR GUARD LIC
IL7	5-WAY PIN CONNECTOR (BLACK)	UNDER PASS, SEAT CUSHION / SEAT BACK IL HARNESS	PS4	2-WAY ECONOSEAL (BLACK)	DOOR TRIM, LOWER / DOOR GUARD LIC
IL8	5-WAY PIN CONNECTOR (BLACK)	UNDER DRIV. SEAT CUSHION / SEAT BACK IL HARNESS	RD2	6-WAY PM4 (BLUE)	DOOR, INNER / DOOR LATCH SWITCH
LB6	4-WAY PMHD (BLACK)	ROOF CONSOLE PANEL / MAP LIGHT	RD5	6-WAY PMHD (YELLOW)	DOOR TRIM, UPPER / DOOR SWITCH PA
LB8	24-WAY PMHD (BLACK)	INSIDE RIGHT 'A' POST / PD HARNESS	RD7	2-WAY PMHD (BLUE)	DOOR TRIM, LOWER / DOOR SWITCH P.
LB12	3-WAY PM4 (BLACK)	RIGHT DASH UNDER PANEL / CPU	RS1	2-WAY ECONOSEAL (RED)	RIGHT RADIATOR SUPPORT / UNDER H
LB13	36-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / CPU	RS22	36-WAY PMHD (BLACK)	RIGHT 'A' POST, UNDER DASH PANEL /
LB14	36-WAY PMHD (YELLOW)	RIGHT DASH UNDER PANEL / CPU	RS24	24-WAY PMHD (YELLOW)	RIGHT 'A' POST, UNDER DASH PANEL /
LB18	RELAY BASE (GREEN)	RIGHT DASH UNDER PANEL / AUX. SIDE LIGHT RELAY	RS31	6-WAY PMHD (BLACK)	RIGHT LOWER 'B/C' POST TRIM / RD HA
LB26	24-WAY PMHD (BLACK)	RIGHT DASH UNDER PANEL / GLOVE BOX LIGHT	RS32	16-WAY PMHD (BLACK)	RIGHT LOWER 'B/C' POST TRIM / RD HA
LB30	15-WAY PMHD (BLUE)	CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL	RS41	2-WAY PMHD (YELLOW)	INNER TRUNK LID PANEL / TRUNK LIGH
LB49	24-WAY PMHD (GREEN)	LEFT DASH UNDER PANEL / FACIA SWITCH PACK	RS47	.250 BLADE RÉCEPTACLE	RIGHT TRUNK LID HINGE / TRUNK LIGH
LB61	36-WAY PMHD (BLACK)	INSIDE LEFT 'A' POST / DD HARNESS	RS54	2-WAY ECONOSEAL (BLACK)	ENGINE COMPARTMENT, RF / HOOD LK
LB108	RELAY BASE (YELLOW)	RIGHT DASH UNDER PANEL /DOOR GUARD LIGHT RELAY	RS64	2-WAY ECONOSEAL (BLACK)	RIGHT 'E' POST TRIM / MAP READING L
	J. 199	×1			

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	

CENTER CONSOLE SWITCH

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

LIGHTING LOGIC UNIT

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

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

ACTIVE GROUND GROUND

ACTIVE

LIGHTS ON: GROUND GROUND GROUND 12V

SIDE IL HARNESS N SIDE IL HARNESS SIDE IL HARNESS SITY MIRROR SITY MIRROR TY MIRROR TY MIRROR LB HARNESS EL / LB HARNESS JGHT PANEL PANEL LIGHT LIGHT LIGHT PANEL PANEL HOOD LIGHTS L / LB HARNESS L / LB HARNESS HARNESS HARNESS GHT ANI BHT SWITCH LIGHT SWITCH BLIGHT

INACTIVE

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

INACTIVE

12V OPEN CIRCUIT

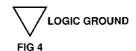
INACTIVE

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

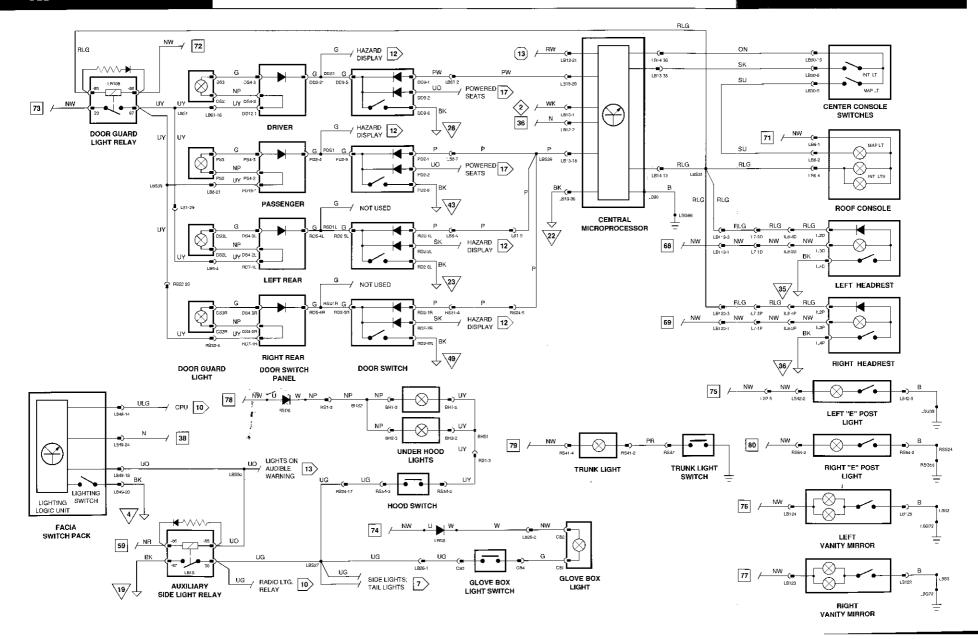












INSTRUMENT LIGHTING; LOCATE LIGHTING; CLOCK

COMPONENTS

DESCRIPTION

DESCRIPTION
CENTER CONSOLE
CENTRAL MICROPROCESSOR
CIGAR LIGHTER—FRONT
CIGAR LIGHTER—REAR
CLIMATE CONTROL PANEL
COLLUMN 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 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 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 TRIM PANEL TRIM PANEL TRIM PANEL CONSOLE SKI SLOPE PANEL

LIGHTS OFF: 12V

INACTIVE

GROUND GROUND

OPENCIRCUIT

DIMMER INACTIVE: 12V

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

GROHNDS

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

INPUTS / OUTPUTS

CENTRAL MICHUPHUCESSOR					
	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 MI	POWER GROUND		

LDUV		TOTTETT GITOGRAD					
CLIMATE	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	٥V			
AC1-21	IN	AUXILARY SIDE LIGHT RELAY	LIGHTS ON: GROUND	LIGHTS OF			

CLOCK / CENTER CONSOLE

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

	N N	PERMANENT POWER POWER GROUND	12V GROUND	12V GROUND			
COLUMN SW	/ITCHES						
CODE I	N / OUT	CIRCUIT	ACTIVE	INACTIVE			
LB55-9 (TUC	DIMMER OVERRIDE SWITCH	LIGHTS ON: GROUND	LIGHTS OFF:12V			
LB55-12 I	N	BATTERY POWER	12V	12V			
LB55-13 C	DUT	DIMMER CONTROL	4.5-12V	0V			
LB55-16 I	N	POWER GROUND					
LB55-20 C	TUC	DIMMER OVERRIDE SWITCH	DIMMER ACTIVE: GROUND	DIMMER INACTIVE: 12V			
LB55-23 I	N	DIMMER OVERRIDE SWITCH	LIGHTS ON: GROUND	LIGHTS OFF: APPROX .04V			
INSTRUMEN	INSTRUMENT PACK						
CODE I	N / OUT	CIRCUIT	ACTIVE	NACTIVE			

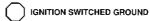
CODE	IN / OUT	CIRCUIT	ACTIVE
LB134-3	IN	LOGIC GROUND	GROUND
LB134-4	IN	LOGIC GROUND	GROUND
LB134-10	IN	GENERAL LIGHTING	12V
LB135-38	IN	LCD MESSAGE DISPLAY LIGHTING	12V

FACIA SW	ITCH 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

	BATTERY POWER
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FIG 1





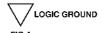
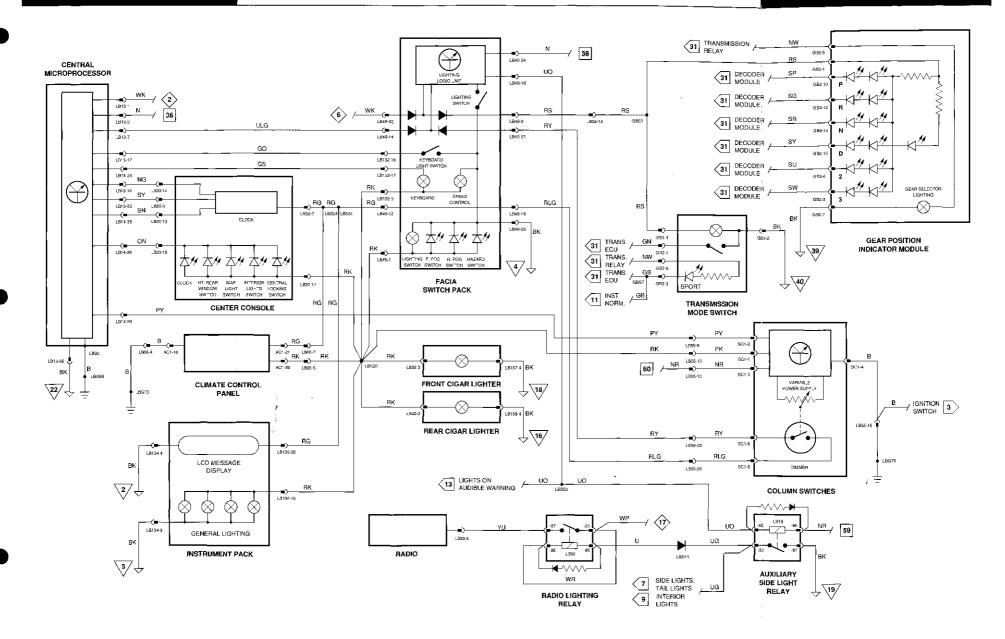




FIG 10



INSTRUMENT LIGHTING; LOCATE LIGHTING; CLOCK

INSTRUMENTATION: NORMAL DISPLAY

COMPONENTS

DESCRIPTION

COOLANT TEMPERATURE TRANSMITTER
DIAGNOSTIC SOCKET
FUEL LEVEL TRANSMITTER
INSTRUMENT PACK
OIL PRESSURE TRANSMITTER
DEED CALLED SPEED SENSOR TRIP COMPUTER KEYBOARD

LOCATION

THERMOSTAT HOUSING THERMOSTAL HOUSING
DRIVER FOOTWELL, 'A' POST
FUEL TANK
DRIVER SIDE DASH
ENGINE BLOCK, LEFT
DIFFERENTIAL SHAFT, LEFT OUTPUT
FACIA SWITCH PACK

ACCESS

ENGINE COMPARTMENT, LF TRIM PANEL
TRUNK BULKHEAD TRIM PANEL
DASH UNDER PANEL, LEFT
ENGINE COMPARTMENT, UNDER REAR SUBFRAME, UNDER 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
L!52	.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 (GNITION 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

	MOTOURE	NT DACK	
INSTRUMENT PACK			
	CODE	IN / OUT	CIRCUIT
	LB134-1	IN	FUEL FLOW
	LB134-2	IN	IGNITION SWITCHED POWER
	LB134-3	IN	LOGIC GROUND
	LB134-4	1N	LOGIC GROUND
	LB134-5	OUT	DIAGNOSTIC SOCKET
	LB134-13	OUT	DIAGNOSTIC SOCKET
	LB134-14	OUT	DIAGNOSTIC SOCKET
	LB134-15	IN	ROAD SPEED SENSOR
	LB134-16	IN	ROAD SPEED SENSOR GROUND
	LB134-17	IN	ROAD SPEED SENSOR GROUND
	LB134-18	IN	BATTERY CHARGE WARNINGS
	1040440	16.1	COOLANT TEMPERATURE TRANSMITTER

LB134-19 LB134-20 LB134-21 COOLANT TEMPERATURE TRANSMITTER FUEL LEVEL TRANSMITTER OIL PRESSURE TRANSMITTER IN IN OIL PRESSURE TRANSMITTER
TACHOMETER'
ROAD SPEED SENSOR OUTPUT
TRIP COMPUTER GROUND
GEARBOX SPORT MODE WARNING
HIGH BEAM WARNING
AVERAGE SPEED
AVERAGE FUEL MPG
TOTAL FUEL USED
TRIP COMPUTER RANGE
TRIP MEMORY CLEAR
VCM CONTROL
TRIP INSTANT FUEL USED
TRIP TOTAL DISTANCE LB134-24 LB135-2 LB135-14 LB135-14 LB135-25 LB135-25 LB135-26 LB135-27 LB135-29 LB135-30 LB135-31 LB135-32 LB135-39

TURN SIGNAL-LEFT LB135-40 LB135-41 LB135-42 TURN SIGNAL—RIGHT MPH / KILOMETER SELECT

SPEED SENSOR

CODE	IN / OUT	CIRCUIT
RS58-1	IN	POWER GROUND
RS58-3	OUT	ROAD SPEED SIGNAL
RS58-4	OUT	ROAD SPEED SIGNAL

ACTIVE

PULSED SIGNAL 12V GROUND GROUND GROUND GROUND GROUND GROUND PULSED SIGNAL GROUND WARNING LIT: 1.5V MAX READING: GROUND MAX READING: GROUND MAX READING: GROUND PULSED SIGNAL PULSED SIGNAL PULSED SIGNAL GROUND GROUND GROUND GROUND GROUND GROUND GROUND GROUND GROUND

GROUND GROUND GROUND

GROUND GROUND

ACTIVE GROUND GROUND TO A.C.V. SIGNAL A.C.V. SIGNAL

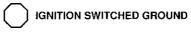
INACTIVE 0V 0V GROUND GROUND GROUND GROUND GROUND 2.5V

2.5V GROUND GROUND WARNING OUT: 13.5V MIN READING: 5V MIN READING: 5V MIN READING: GROUND 12V 5V GROUND 5V 5V

INACTIVE GROUND 2.5V DC 2.5V DC

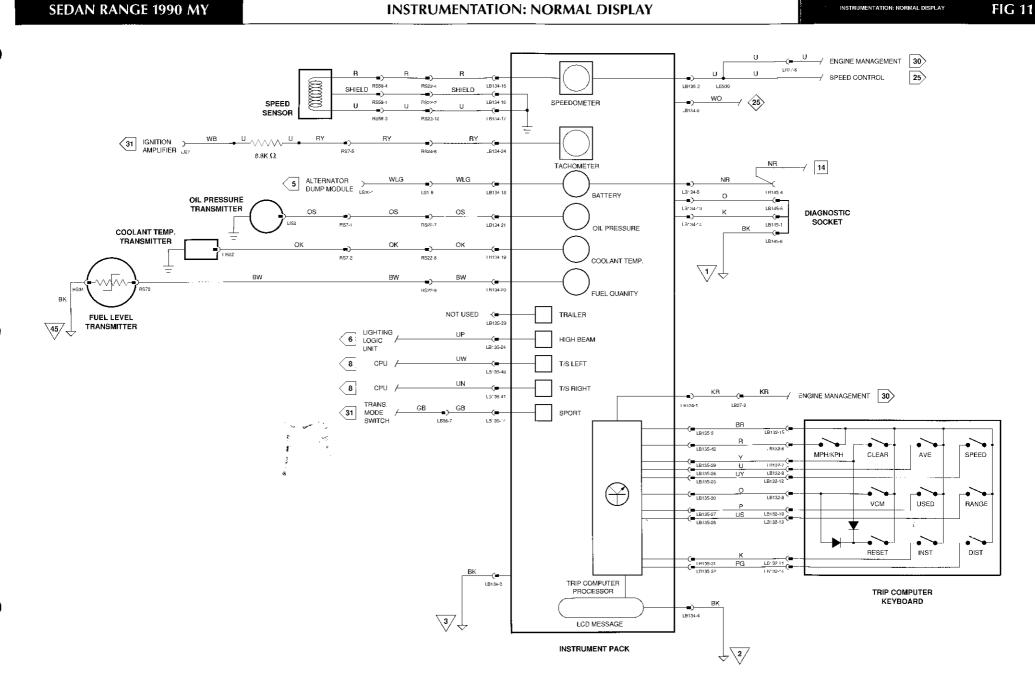












INSTRUMENTATION: HAZARD AND FAULT DISPLAY

COMPONENTS

DESCRIPTION

CENTRAL MICROPROCESSOR DOOR SWITCH INSTRUMENT PACK LOW COOLANT SENSOR PARK BRAKE SWITCH SEAT BELT WARNING LIGHT TRILINK SWITCH TRUNK SWITCH WASHER FLUID LEVEL SENSOR LOCATION

BEHIND GLOVE BOX DOOR LATCH DRIVER SIDE DASH RADIATOR HEADER TANK PARK BRAKE LEVER FACIA SWITCH PACK, LEFT TRUNK LID LATCH WASHER FLUID BOTTLE

ACCESS

UNDER DASH PANEL, RIGHT DOOR TRIM LOWER PANEL DASH UNDER PANEL, LEFT ENGINE COMPARTMENT, LEFT UNDER DRIVER SEAT DASH UNDER PANEL, LEFT TRUNK LID REAR PANEL RIGHT VALANCE UNDER PANEL

INACTIVE

CONNECTORS

CODE	DESCRIPTION
DD9	6-WAY PM4 (BLACK)
FA1	3-WAY PLUG (BLACK)
LB14	36-WAY PMHD (YELLOW)
LB27	6-WAY PMHD (YELLOW)
LB31	2-WAY PMHD (YELLOW)
LB35	15-WAY PMHD (GREEN)
LB56	2-WAY PMHD (YELLOW)
LB134	24-WAY GROTE (BLACK)
LB135	48-WAY GROTE (BLACK)
LB151	5-WAY AMP (BLACK)
LB152	5-WAY AMP (BLACK)
LS1	36-WAY PMHD (BLACK)
LS8	6-WAY PMHD (YELLOW)
L\$24	3-WAY PM4 (BLACK)
LS25	3-WAY PM4 (BLACK)
PD2	6-WAY PM4 (BLACK)
RA2	3-WAY PLUG (BLACK)
RD2	6-WAY PM4 (BLUE)
RS11	2-WAY PM4 (GREEN)
RS20	2-WAY PM4 (BLACK)
RS22	36-WAY PMHD (BLACK)
RS24	24-WAY PMHD (YELLOW)
RS32	6-WAY PMHD (YELLOW)
RS35	8-WAY PM4 (BLACK)
RS59	2-WAY ITT SOCKET (BLACK)

LOCATION / INTERFACE

DOOR, INNER / DOOR LATCH SWITCH
FRONT BRAKE CALIPER / BRAKE PAD
RIGHT DASH UNDER PANEL / CPU
RIGHT DASH UNDER PANEL / LI HARNESS
CONSOLE LEFT CARPET / PARK BRAKE SWITCH
CENTER CONSOLE / TRANSMISSION ECU
DRIVER FOOTWELL, PEDAL BOX / BRAKE SWITCH
BEHIND INSTRUMENT PACK / INSTRUMENT PACK
RIGHT UNDER DASH PANEL / ALARM SYSTEM FUTURE USE
RIGHT UNDER DASH PANEL / ALARM SYSTEM FUTURE USE
RIGHT UNDER DASH PANEL / ALARM SYSTEM FUTURE USE
LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LEFT 'B/C' POST LINER / RD HARNESS
ENGINE COMPARTMENT, COOLANT LEVEL SENSOR
ENGINE COMPARTMENT, LF INNER FENDER / FA HARNESS
DOOR, INNER / DOOR LATCH SWITCH
REAR BRAKE CALIPER / BRAKE PAD
DOOR, INNER / DOOR LATCH SWITCH
BEHIND RIGHT FRONT VALANCE / WASHER FLUID LEVEL SENSOR
ENGINE COMPARTMENT, RF INNER FENDER / FA HARNESS
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
TRUNK BULKHEAD TRIM / RA HARNESS
TRUNK LID INNER PANEL / TRUNK WARNING SWITCH

ACTIVE

INPUTS / OUTPUTS

CENTRAL N	IICROPROCESSOR
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CODE

IN / OUT CIRCUIT

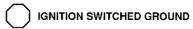
LB14-2	OUT	TURN SIGNAL BULB FAIL	12V	GROUND				
LB14-3	OUT	VCM SEAT BELT WARNING	GROUND	12V				
INSTRUME	INSTRUMENT PACK							
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE				
LB134-2	IN ·	IGNITION SWITCHED POWER	12V	0V				
LB135-9	OUT	TRIP COMPUTER GROUND	GROUND	GROUND				
LB135-10	IN	BRAKE FLUID LOW	GROUND	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	۷0				
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

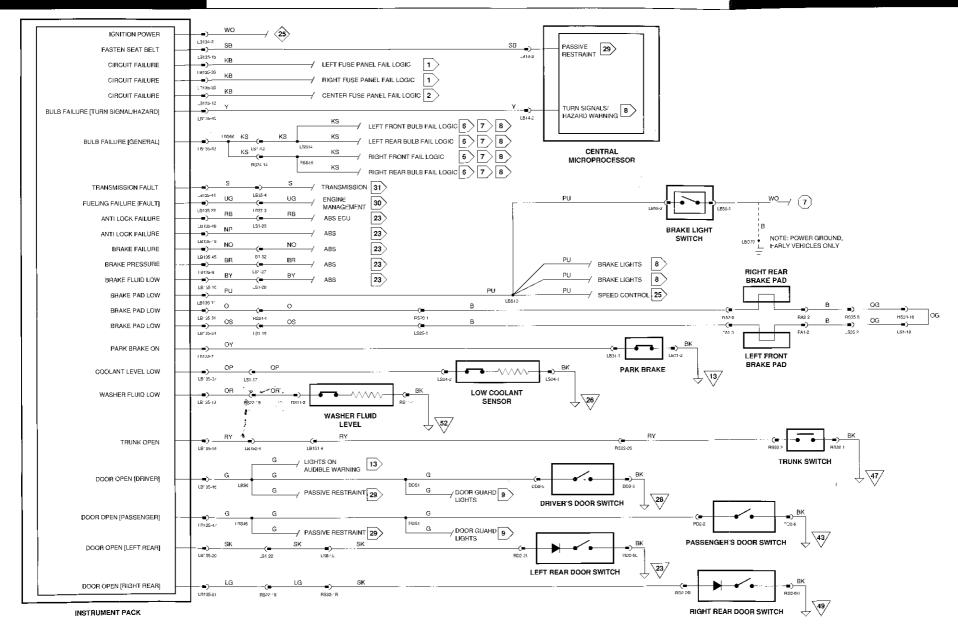


FIG 2









AUDIBLE WARNINGS

COMPONENTS

DESCRIPTION

DESCRIPTION
AUDIBLE WARNING MODULE
CENTRAL MICROPROCESSOR
COLUMN SWITCHES
DIODE—LBD7
DOOR SWITCH
FACIA SWITCH PACK
IGHTS ON AUDIBLE WARNING MODULE
RELAY—A/C AND RADIO (LB16)

LOCATION

RIGHT COMPONENT PANEL
BEHIND GLOVE BOX
STEERING COLUMN
BEHIND DASH GLOVE BOX
DOOR LATCH
ABOVE STEERING COLUMN
DASH LIEFT END BRACKET
COMPONENT PANEL

ACCESS

ACCESS
RIGHT UNDER DASH PANEL
UNDER DASH PANEL, RIGHT
STEERING COLUMN COVER
DASH GLOVE BOX ASSEMBLY
DOOR LOWER TRIM PANEL
DASH UNDER PANEL, LEFT
LEFT DASH UNDER 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

CHOUNDS

GROUN	פֿע	
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

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIV
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	GROUNI
LB58-5	OUT	SPEAKER DRIVE	SIGNAL VOLTAGE	OV
LB58-6	OUT	SPEAKER DRIVE	GROUND	GROUNE
LB58-7	IN	BATTERY POWER	12V	12V
LB58-15	IN	LOGIC GROUND	GROUND	GROUNE

CENTRAL WICKOPHOCESSON				
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	QUT	KEY INSERT AUDIBLE WARNING	GROUND: 0V	5V
LB14-18	NOT USED			

COLUMN SWITCHES

OCCURIN GWIT CITED					
	CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
	LB55-18 LB55-19	IN OUT	SPEAKER DRIVE AUDIBLE WARNING KEY INSERT SWITCH	SIGNAL VOLTAGE KEY IN: GROUND	0V KEY OUT: 1V
	LB55-22	IN	SPEAKER DRIVE-AUDIBLE WARNING	GROUND	GROUND
	LIGHTING I	LOGIC UNIT			
	CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE

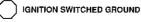
INACTIVE
12V
GROUND
12V
1

LIGHTS ON AUDIBLE WARNING MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB147-30	IN	KEY SWITCH	12V	OV
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

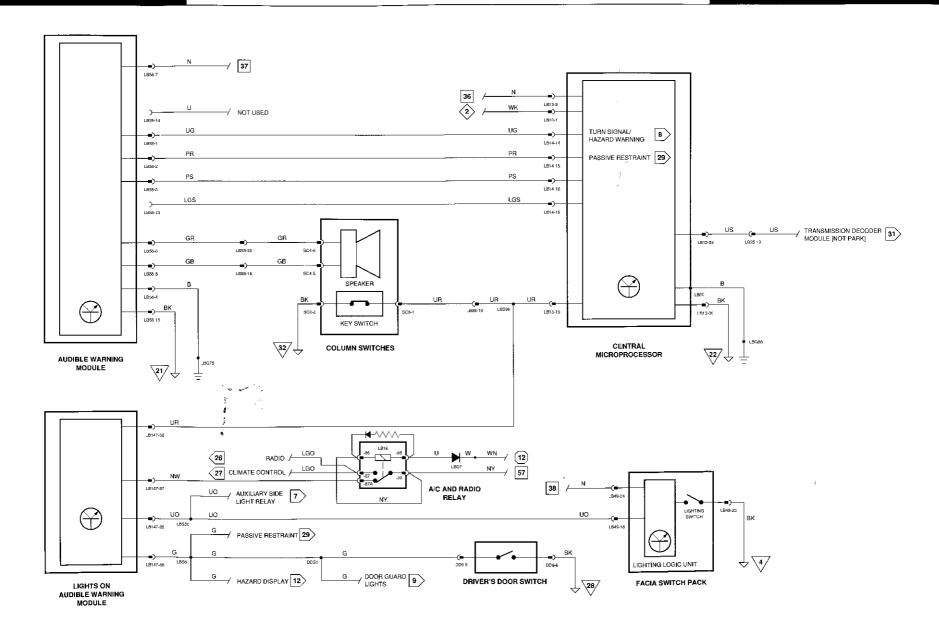












CENTRAL LOCKING

COMPONENTS

DESCRIPTION

DESCRIPTION
CENTER CONSOLE
CENTRAL MICROPROCESSOR
DIODE—LBD1
DOOR LOCK MOTOR
DOOR LOCK CONTROL UNIT
DOOR LOCK SWITCH
INFRARED RECEIVER
KEY BARREL SWITCH
RELAY—FILLER FLAP (LS11)
TRUNK LOCK
TRUNK RELEASE
TRUNK RELEASE SWITCH
TRUNK SECURITY SWITCH

LOCATION

CENTER CONSOLE CENTER CONSOLE
BEHIND GLOVE BOX
BULKHEAD, LEFT
INSIDE DOOR
RIGHT COMPONENT PANEL
INTEGRAL WITH LOCK MOTOR
HEAD LINER, CENTER FRONT
FRONT DOOR HANDLE BASE PLATE
TRUNK, RIGHT FRONT
TRUNK LID LATCH
TRUNK LID LATCH
GLOVE BOX
TRUNK LID **ACCESS**

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

ROOF CONSOLE PANEL DOOR LOWER TRIM PANEL TRIM PANEL TRUNK LID, INNER TRUNK LID, INNER GLOVE BOX 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 MOCROSWITCH
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

GROUNDS

RSG55

CODE	DESCRIPTION
_BG80	EYELET
_BG88	EYELET
RSG55	EYELET

LOCATION / INTERFACE

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

INPUTS / OUTPUTS

CENTRAL MICROPROCESSOR

IN / OUT	CIRCUIT
IN	BATTERY POWER
IN	DOOR KEY SWITCHES
IN-	CENTRAL LOCK SWITCH
IN	LOGIC GROUND
OUT	PANIC LOCK
	IN IN IN

CENTER CONSOLE SWITCHES

CODE	IN / OUT	CIRCUIT
LB30-4	OUT	CENTRAL LOCKING SWITCH
LB30-10	IN	IGNITION SWITCHED GROUND

ACTIVE 12V UNLOCK: GROUND GROUND GROUND: 0V

ACTIVE GROUND KEY ON-AUX.: GROUND

ACTIVE

GROUND: 0V PULSED GROUND 0V INACTIVE 12V OPEN CIRCUIT OPEN CIRCUIT GROUND 7-9V

OPEN CIRCUIT KEY OFF-START: OPEN CIRCUIT

INACTIVE

7-9V

DOOR LOCK CONTROL UNIT CODE IN / OUT CIRCUIT BATTERY POWER
POWER GROUND
LOCK MOTOR DRIVE
LOCK MOTOR DRIVE
UNLOCK INPUT
INFRA-RED UNLOCK INPUT OUT OUT IN IN LB15-3 LB15-4 LB15-5 LB15-6

LOCK INPUT INFRA-RED AND PANIC LOCK INPUT

INACTIVE 12V GROUND PULSED VOLTAGE TO PK 0V PULSED VOLTAGE TO PO GROUND ; 0V PULSED GROUND: 0V 0V 7–9V 7–9V

BATTERY POWER

FIG 1

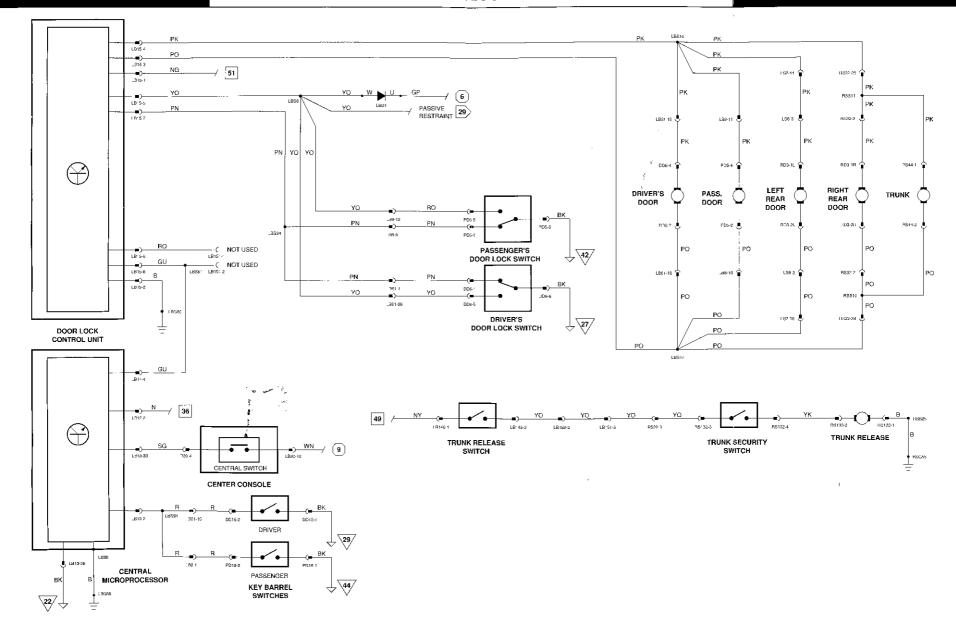
IGNITION POWER

FIG 2

IGNITION SWITCHED GROUND FIG 3







POWERED WINDOWS; SUN ROOF

COMPONENTS

DESCRIPTION

CENTER CONSOLE CENTRAL MICROPROCESSOR DOOR SWITCH PANEL KEY BARREL SWITCH LIMIT SWITCH SUN ROOF SWITCH PANEL WINDOW LIFT MOTOR

LOCATION

CENTER CONSOLE BEHIND GLOVE BOX DOOR ARM REST FRONT DOOR HANDLE BASE PLATE SUNROOF RIGHT SLIDE RAIL HEAD LINER, CENTER FRONT INNER DOOR

ACCESS

CONSOLE SKI SLOPE PANEL UNDER DASH PANEL, RIGHT DOOR LOWER TRIM PANEL DOOR LOWER TRIM PANEL HEADLINER FRONT EDGE ROOF CONSOLE PANEL DOOR LOWER TRIM PANEL

CONNECTORS

CODE DESCRIPTION LOCATION / INTERFACE DOOR TRIM, LOWER / DOOR SWITCH PANEL
DOOR TRIM, LOWER / DOOR SWITCH PANEL
DOOR, INNER / WINDOW LIFT MOTOR
DRIVER DOOR, INNER / KEY BARREL MICROSWITCH
INSIDE RIGHT 'A' POST / PD HARNESS
RIGHT DASH UNDER PANEL / CPU
RIGHT 6-WAY PM4 (YELLOW) DD1 DD2 DD5 DD15 24-WAY PMHD (YELLOW) 3-WAY PM4 (BLACK) 3-WAY PMHD (BLACK) 3-WAY PMHD (BLACK)
6-WAY PM4 (BLACK)
24-WAY PMHD (BLACK)
3-WAY PMHD (BLACK)
36-WAY PMHD (BLACK)
36-WAY PMHD (BLACK)
15-WAY PMHD (BLUE)
36-WAY PMHD (BLACK)
6-WAY PMHD (BLACK) LB7 LB13 LB14 LB30 LB61 HIGHT DASH UNDER PANEL/ CFO
CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL
INSIDE LEFT 'A' POST / DD HARNESS
INSIDE LEFT 'A' POST / DD HARNESS
ROOF CONSOLE PANEL / SUNROOF SWITCH LB62 3-WAY FM4 (BLACK)
36-WAY PMHD (BLACK)
15-WAY PMHD (YELLOW)
9-WAY PM4 (BLACK) LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS LS2 LS3 9-WAY PMA (BLACK)
3-WAY ECONOSEAL (BLACK)
3-WAY ECONOSEAL (BLACK)
3-WAY PM4 (BLACK)
6-WAY PMHD (YELLOW)
6-WAY PMHD (YELLOW)
3-WAY PMHD (BLACK) LS6 LS7 PD6 LEFT 'B/C' POST LINER / RD HARNESS LEFT 'B/C' POST LINER / RD HARNESS DOOR, INNER / WINDOW LIFT MOTOR DOOR TRIM, LOWER / DOOR SWITCH PANEL PD7 PD8 PD18 DOOR TRIM, LOWER / DOOR SWITCH PANEL
DOOR TRIM, LOWER / DOOR SWITCH PANEL
PASSENGER DOOR, INNER / KEY BARREL MISROSWITCH
DOOR, INNER / WINDOW LIFT MOTOR
DOOR TRIM, UPPER / DOOR SWITCH PANEL
DOOR TRIM, UPPER / DOOR SWITCH PANEL
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RIGHT LOWER 'B/C' POST TRIM / RD HARNESS
RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS
ROOF, CENTER FRONT / MAP LIGHT PANEL RD4 RD5 RD6 6-WAY PMHD (YELLOW) 6-WAY PM4 (YELLOW) 36-WAY PMHD (BLACK) RS22 RS30 3-WAY ECONOSEAL (BLACK) 6-WAY PMHD (BLACK) 6-WAY PM4 (BLACK) 6-WAY PM4 (YELLOW) SR1

GROUNDS

LBG88

CODE

LB14-25 LB14-27

CODE DESCRIPTION LBG72 EYELET EYELET

LOCATION / INTERFACE

DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND PASSENGER FOOTWELL, 'A' POST / POWER GROUND RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

INPUTS / OUTPUTS

IN / OUT

CENTER CONSOLE

CENTRAL LOCKING SWITCH IGNITION SWITCHED GROUND OUT LB30-4 LB30-10 IN CENTRAL MICROPROCESSOR CODE IN / OUT CIRCUIT BATTERY POWER DOOR KEY SWITCHES CENTRAL LOCK SWITCH LOGIC GROUND LB12-2 LB13-2 LB13-33 LB13-36 IN OUT OUT OUT LR WINDOW CLOSE SUNROOF CLOSE RR WINDOW CLOSE

DRIVER WINDOW CLOSE

PASSENGER WINDOW CLOSE

CIRCUIT

ACTIVE

KEY ON: AUX. GROUND

ACTIVE UNLOCK: GROUND GROUND GROUND GROUND: 0V GROUND: 0V GROUND: 0V GROUND: 0V GROUND: 0V

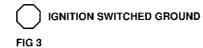
INACTIVE

OPEN CIRCUIT KEY OFF: OPEN SIRCUIT

INACTIVE 12V OPEN CIRCUIT OPEN CIRCUIT GROUND 12V 12V

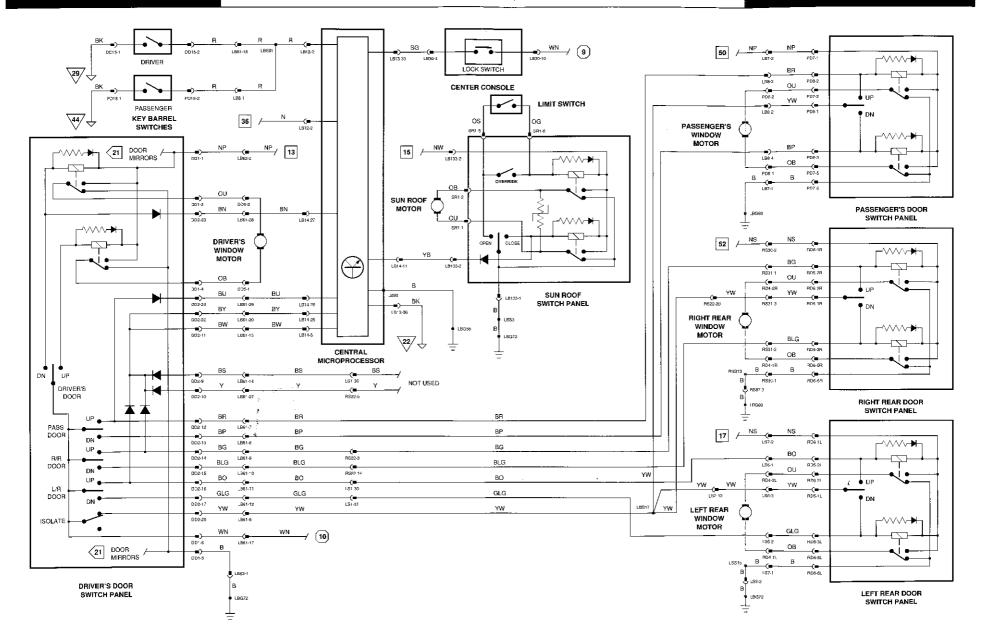
BATTERY POWER FIG 1











HORNS; CIGAR LIGHTER(S)

COMPONENTS

DESCRIPTION

COLUMN SWITCHES

DIODE—LSD2 HORNS RELAY—CIGAR LIGHTER (LB156) RELAY—HORN (LS34)

LOCATION

STERING COLUMN
TRUNK, LEFT FRONT, BELOW RELAYS
BEHIND FRONT VALANCE, LOW
TRUNK, RIGHT FRONT
LEFT RADIATOR SUPPORT

ACCESS

STEERING COLUMN COVER LEFT TRUNK TRIM PANEL FRONT VALANCE TRIM PANEL ENGINE COMPARTMENT

CONNECTORS

CODE DESCRIPTION

4-WAY ECONOSEAL (WHITE)
4-WAY ECONOSEAL (WHITE)
24-WAY PMID (BLACK)
4-WAY ECONOSEAL (WHITE)
4-WAY ECONOSEAL (WHITE)
15-WAY PMHD (YELLOW)
RELAY BASE (BLACK)
.250 BLADE RECEPTACLE
.250 BLADE RECEPTACLE DESCRIPTION LB43 LB55 LB157 LB158 LS2 LS34 LS35 LS36 LS41 LS90 SC3

LOCATION / INTERFACE

CENTER CONSOLE / FRONT CIGAR LIGHTER
CENTER CONSOLE / FRAR CIGAR LIGHTER
LEFT DASH UNDER PANEL / COLUMN SWITCHES
CENTER CONSOLE / FRONT CIGAR LIGHTER
CENTER CONSOLE / FRONT CIGAR LIGHTER
CENTER CONSOLE / FRONT CIGAR LIGHTER
LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS
LEFT RADIATOR SUPPORT / HORN RELAY
BEHIND FRONT VALANCE / HORN
STEERING COLUMN COVER / DIRECTIONAL SWITCH

GROUNDS

1.BG80

DESCRIPTION CODE EYELET LBG73 LBG74

LOCATION / INTERFACE

CENTER CONSOLE ASHTRAY / POWER GROUND
CENTER CONSOLE ASHTRAY / POWER GROUND
PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND
ENGINE COMPARTMENT, LEFT FRONT / POWER GROUND

INPUTS / OUTPUTS

COLUMN SWITCHES

CODE IN / OUT

OUT LB55-10

CIRCUIT HORN SWITCH ACTIVE GROUND INACTIVE

12V



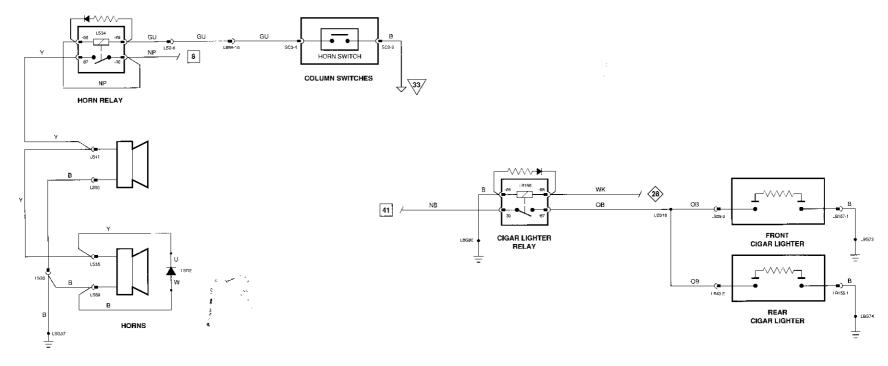








HORNS; CIGAR LIGHTER(S);



POWERED SEATS

COMPONENTS

DESCRIPTION

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 SUPPORT STRUT, LEFT
CENTER CONSOLE, LS
CENTER CONSOLE, RS

ACCESS

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 SWITCH PANEL
CONSOLE SKI SLOPE PANEL
CONSOLE SKI SLOPE PANEL

CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD9	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
LB95	RELAY BASE (WHITE)	CENTER CONSOLE, FRONT, SWITCH PANEL / LEFT SEAT RELAY
LB96	RELAY BASE (BLACK)	CENTER CONSOLE, FRONT, SWITCH PANEL / RIGHT SEAT RELAY
LB100	3-WAY ECONOSEAL (RED)	CONSOLE SKI SLOPE / PASSENGER SEAT SWITCH
LB101	3-WAY ECONOSEAL (RED)	CONSOLE SKI SLOPE / DRIVER SEAT SWITCHES
LB109	RELAY BASE (RED)	RIGHT DASH UNDER PANEL / SEAT ADJUST RELAY
LB164	RELAY BASE (GREEN)	UNDER SKI SLOPE PANEL / DRIVERS SEAT ENTRY RELAY
PD2	6-WAY PM4 (BLACK)	DOOR, INNER / DOOR LATCH SWITCH
SM2	2-WAY ECONOSEAL (BLACK)	UNDER SEAT CUSHION / RECLINE MOTOR
SM3	POSITIVE LOCK TERMINAL (RED)	UNDER SEAT CUSHION / FRONT RAISE/LOWER
SM4	POSITIVE LOCK TERMINAL	UNDER SEAT CUSHION / FRONT RAISE/LOWER
SM5	2-WAY ECONOSEAL (BLACK)	UNDER SEAT CUSHION / FORE/AFT
SM7	POSITIVE LOCK TERMINAL	UNDER SEAT CUSHION / REAR RAISE/LOWER
SM8	POSITIVE LOCK TERMINAL	UNDER SEAT CUSHION / REAR RAISE/LOWER
SM10	3-WAY ECONOSEAL (BLACK)	UNDER DRIVER SEAT AND CARPET / SEAT ENTRY RELAY
SM11	2-WAY ECONOSEAL (RED)	UNDER SEAT CUSHION / SEAT ENTRY SWITCH
SS1	9-WAY PM4 (VIOLET)	UNDER SKI SLOPE / PASSENGER SEAT SWITCH
SS2	9-WAY PM4 (VIOLET)	UNDER SKI SLOPE / DRIVER SEAT SWITCHES
SS3	9-WAY PM4 (VIOLET)	UNDER SEAT CUSHION, RIGHT / SM HARNESS
SS4	9-WAY PM4 (VIOLET)	UNDER SEAT CUSHION, LEFT / SM HARNESS

GROUNDS

DESCRIPTION CODE LBG73 LBG74 EYELET EYELET

LOCATION / INTERFACE

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

BATTERY POWER FIG 1

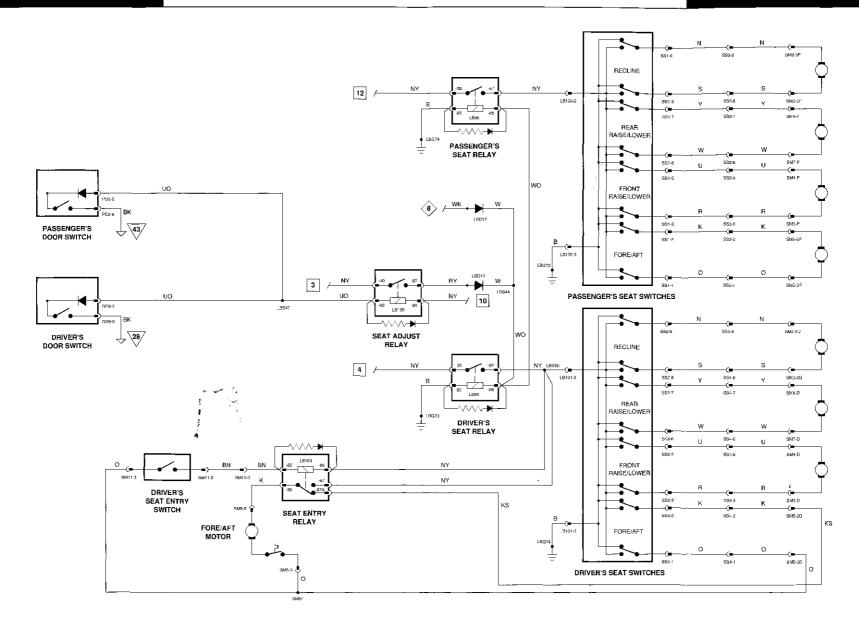
IGNITION POWER

IGNITION SWITCHED GROUND

FIG 3







SEAT HEATERS

COMPONENTS

DESCRIPTION

CENTRAL MICROPROCESSOR
SEAT BACK HEATER
SEAT CUSHION HEATER
SEAT SWITCH PACK—DRIVER'S
SEAT SWITCH PACK—PASSENGER'S

LOCATION

BEHIND GLOVE BOX FRONT SEAT BACK FRONT SEAT CUSHION CENTER CONSOLE, LEFT CENTER CONSOLE, RIGHT

UNDER DASH PANEL, RIGHT FRONT SEAT CUSHION FRONT SEAT CUSHION CONSOLE SKI SLOPE PANEL CONSOLE SKI SLOPE PANEL

CONNECTORS

CODE	DESCRIPTION
CH1	2-WAY ECONOSEAL (BLACK)
HS1	3-WAY ECONOSEAL (BLACK)
LB12	3-WAY PM4 (BLACK)
LB13	36-WAY PMHD (BLACK)
LB14	36-WAY PMHD (YELLOW)
LB39	6-WAY PMHD (BLACK)
LB48	6-WAY PMHD (BLACK)
LB97	3-WAY ECONOSEAL (YELLOW)
LB98	3-WAY ECONOSEAL (RED)
LB99	3-WAY ECONOSEAL (YELLOW)
LB102	3-WAY ECONOSEAL (RED)
SQ1	2-WAY ECONOSEAL (BLACK)

LOCATION / INTERFACE

LOCATION / INTERFACE

UNDER SEAT CUSHION / CUSHION ELEMENT

UNDER SEAT CUSHION / SEAT HEATER

RIGHT DASH UNDER PANEL / CPU

RIGHT DASH UNDER PANEL / CPU

CENTER CONSOLE / PASSENGER SEAT HEATER SWITCH

CONSOLE SKI SLOPE / DRIVER SEAT HEATER SWITCH

CONSOLE SKI SLOPE / DRIVER SEAT HEATER SWITCH

UNDER DRIVER SEAT / DRIVER SEAT HEATER SWITCH

UNDER DRIVER SEAT / DRIVER HEATER SWITCH

UNDER PASSENGER SEAT / PASSENGER HEATER SWITCH

UNDER PASSENGER SEAT / PASSENGER HEATER SWITCH

UNDER SEAT CUSHION / SEAT BACK ELEMENT

GROUNDS

CODE	DESCRIPTION
LBG73	EYELET
LBG74	EYELET
I RC88	EVELET

LOCATION / INTERFACE

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

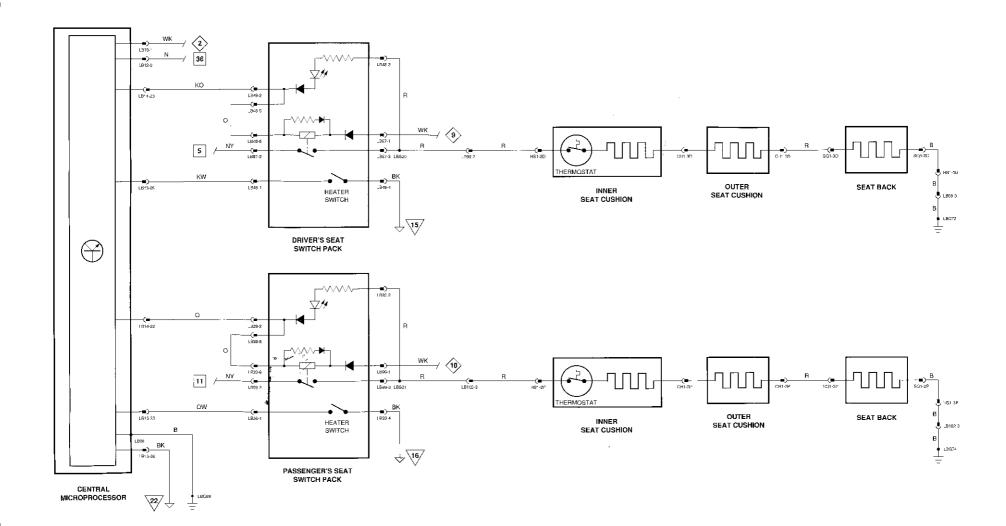












HEATERS: W/S WASHER, H/L WASHER, ENGINE BREATHER

COMPONENTS

DESCRIPTION

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

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

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

CONNECTORS

CODE DESCRIPTION DESCRIPTION
6-WAY PM4 (YELLOW)
2-WAY BOSCH SOCKET (BLACK)
36-WAY PMHD (BLACK)
9-WAY PM4 (BLACK)
2-WAY ITT SOCKET (BLACK)
RELAY BASE (BLUE)
2-WAY PM4 (BROWN)
36-WAY PMHD (BLACK)
2-WAY ITT CANNON (BLACK)
2-WAY ITT CANNON (BLACK)
2-WAY ITT CANNON (BLACK) LB28 LI40 LS1 LS3 LS43 LS59 RS15 RS22 RS99 RS101

LOCATION / INTERFACE

LOCATION / INTERFACE

RIGHT DASH UNDER PANEL / LI HARNESS

BREATHER HOSE, AIR INTAKE ELBOW / BREATHER HEATER

LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS

LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS

FRONT VALANCE, LEFT / HEADLIGHT WASHER JET

LEFT RADIATOR SUPPORT / HEATED BREATHER RELAY

BEHIND FRONT VALANCE, RS / POWER WASH TEMPERATURE SENSOR

RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS

BEHIND FRONT VALANCE, RIGHT / WASHER JET

BELOW PLENUM CHAMBER GRILLE /

BELOW PLENUM CHAMBER GRILLE / BELOW PLENUM CHAMBER GRILLE /

GROUNDS

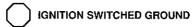
CODE	DESCRIPTIO
LBG80	EYELET
LIG32	EYELET
LSG37	EYELET
RSG53	EYELET

LOCATION / INTERFACE

PASSENGER FOOTWELL, RIGHT 'A' POST / POWER GROUND INLET MANIFOLD, #2 CYLINDER FIRING STUD / POWER GROUND ENGINE COMPARTMENT, LF / POWER GROUND ENGINE COMPARTMENT, RF / POWER GROUND

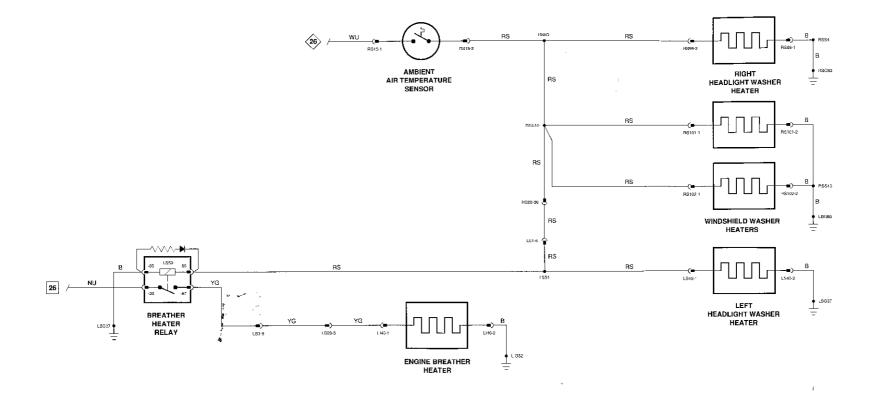












HEATERS: REAR WINDOW, DOOR MIRRORS

COMPONENTS

DESCRIPTION CENTER CONSOLE

CENTRAL MICROPROCESSOR
DIODE—LBD9
HEATER—DOOR MIRROR
HEATER—REAR WINDOW

RELAY-HEATED REAR WINDOW (R\$36)

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 DESCRIPTION
2-WAY ITT CANNON (BLACK)
250 BLADE RECEPTACLE
6-WAY PM4 (BLACK)
2-WAY PMHD (BLACK)
3-WAY PMHD (BLACK)
36-WAY PMHD (BLACK)
15-WAY PMHD (BLACK)
15-WAY PMHD (BLACK)
6-WAY PMHD (BLACK)
6-WAY PMHD (BLACK) LB7 LB8 LB12 LB13 LB14 LB30 6-WAY PM4 (BLACK) 2-WAY ITT CANNON (BLACK) LB62 PD16 250 BLADE RECEPTAGLE R\$36

6-WAY PM4 (BLACK)

LOCATION / INTERFACE

LOCATION / INTERFACE
DRIVER DOOR, FRONT UPPER / HEATED MIRROR
REAR WINDOW, LEFT / HEATED REAR WINDOW
INSIDE RIGHT 'A' POST / PD HARNESS
RIGHT DASH UNDER PANEL / OPU
CENTER CONSOLE / CENTER CONSOLE SWITCH PANEL
INSIDE LEFT 'A' POST / DD HARNESS
PASSENGER DOOR, FRONT UPPER / HEATED MIRROR
RIGHT 'A' POST, UNDER DASH PANEL / LB HARNESS
TRUNK TRIM PANEL, RIGHT / HEATED REAR WINDOW
RIGHT 'E' POST TRIM / HEATED REAR WINDOW
RIGHT 'S PANEL , A'ROST, HIGH / LB HARNESS.

RIGHT DASH UNDER PANEL, 'A' POST, HIGH / LB HARNESS.

GROUNDS

RS49

CODE DESCRIPTION HBG2 EYELET

LOCATION / INTERFACE

'E' POST TRIM / POWER GROUND

RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

INPUTS / OUTPUTS

CENTRAL MICROPROCESSOR

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

CENTER CONSOLE

IN / OUT CIRCUIT CODE HEATED REAR WINDOW INDICATOR LB30-1 HEATED REAR WINDOW SWITCH CLOCK DISPLAY WIKEY ON POWER GROUND LB30-2 OUT LB30-13

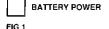
ACTIVE 12V 12V GROUND GROUND TIMED GROUND: 0V

TIMED GROUND: 0V 12V GROUND: 0V

ACTIVE TIMED GROUND GROUND KEY ON-AUX.: 12V GROUND INACTIVE

12V 0٧ OPEN CIRCUIT GROUND 12V 12V 0V GROUND: 0V

INACTIVE OPEN CIRCUIT KEY OFF-START: 0V GROUND

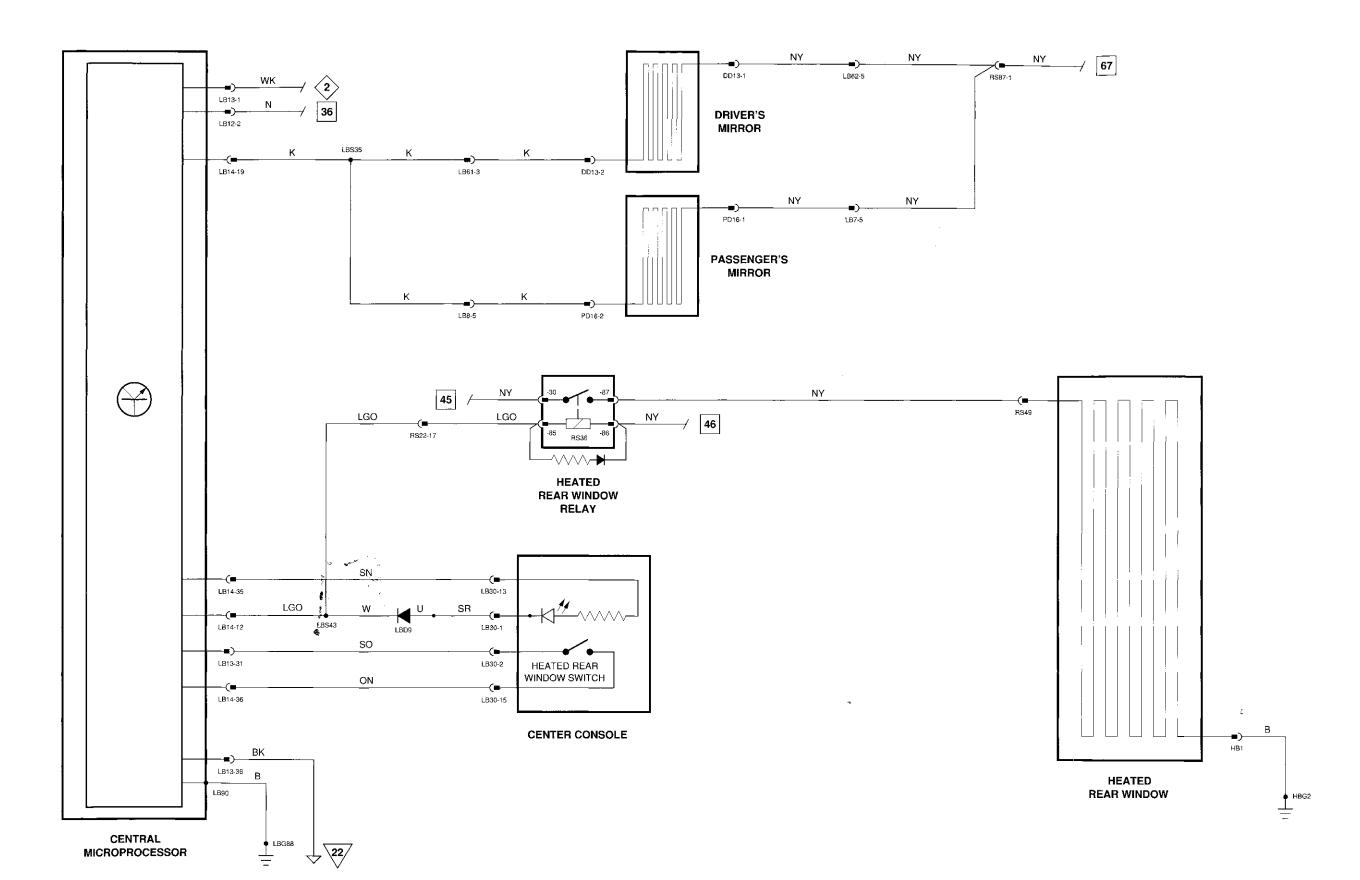


IGNITION POWER FIG 2

IGNITION SWITCHED GROUND







POWERED DOOR MIRRORS

COMPONENTS

DRIVER'S DOOR SWITCH PANEL

LOCATION

ACCESS

DOOR LOWER TRIM PANEL

CONNECTORS

LB62 PD17

CODE DD1 DD2 DD14 LB8 LB61

DESCRIPTION
6-WAY PM4 (YELLOW)
24-WAY PMHD (YELLOW)
4-WAY ITT CANNON (BLACK)
24-WAY PMHD (BLACK)
36-WAY PMHD (BLACK)
6-WAY PM4 (BLACK)
4-WAY ITT CANNON (BLACK)

LOCATION / INTERFACE

DOOR TRIM, LOWER / DOOR SWITCH PANEL

DOOR TRIM, LOWER / DOOR SWITCH PANEL

DRIVER DOOR, FRONT UPPER / DRIVER DOOR MIRROR

INSIDE RIGHT 'A' POST / PD HARNESS

INSIDE LEFT 'A' POST / DD HARNESS

INSIDE LEFT 'A' POST / DD HARNESS

PASSENGER DOOR, FRONT UPPER / PASSENGER DOOR MIRROR

GROUNDS

CODE

DESCRIPTION

LOCATION / INTERFACE

DRIVER FOOTWELL, LEFT 'A' POST / POWER GROUND



FIG 1

IGNITION POWER

IGNITION SWITCHED GROUND

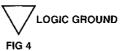




FIG 2

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)

LOCATION

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

ACCESS

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

CONNECTORS

WIPER LOGIC UNIT

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
HS8	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

GROUNDS

CODE DESCRIPTION LBG88 EYELET LSG48

LOCATION / INTERFACE

RIGHT BULKHEAD, BEHIND DASH / POWER GROUND WIPER MOTOR / POWER GROUND ENGINE COMPARTMENT, RIGHT FRONT / POWER GROUND

INPUTS / OUTPUTS

CENTRAL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT
LB12-2	IN	BATTERY POWER
LB13-1	IN	IGNITION POWER
LB13-3	1N	WINDSHIELD WASHER
LB13-4	IN	WINDSHIELD WIPER DELAY
LB13-5	IN	WINDSHIELD WIPER SLOW/FLICK
LB13-36	IN '	LOGIC GROUND
LB14-1	OUT	POWER WASH RELAY
LB14-34	OUT	INTERMITTENT WIPE

COLUMN SWITCHES CODE

CODE	IN / OUT	CIRCUIT
LB55-1	OUT	WINDSHIELD WASHER SWITCH
LB55-2	OUT	WIPER DELAY SWITCH
LB55-8	OUT	WIPER SLOW/FLICK SWITCH

ACTIVE 12V 12V GROUND GROUND GROUND GROUND TIMED GROUND: 0V STAGGERED GROUND: 0V

ACTIVE	
GROUND	
GROUND	

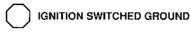
12V 12V OPEN CIRCUIT 12V GROUND

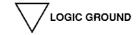
INACTIVE

INACTIVE

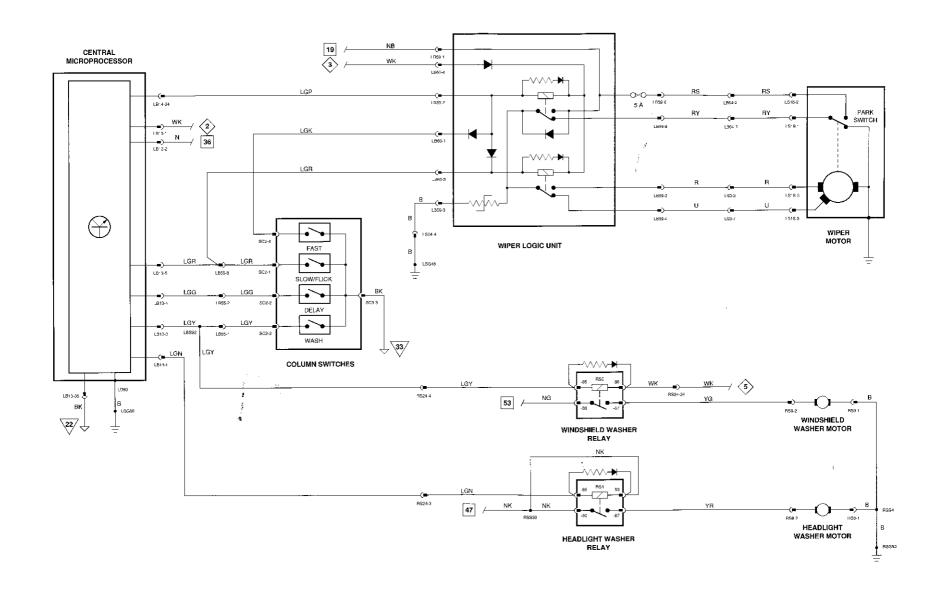
12V OPEN CIRCUIT

FIG 2









ANTI-LOCK BRAKING

COMPONENTS

DESCRIPTION

DESCRIPTION
ANTI-LOCK BRAKING ECU
BRAKE SWITCH
COMBINED PRESSURE SWITCH
DIAGNOSTIC SOCKET
DIODE—LSD5
DIODE—LSD6
DIODE—LSD7
DIODE—LSD7
DIODE—LSD10
MAIN VALVE
PUMP
BELAY—ABS ECUL(LS103)

RELAY—ABS ECU (LS103) RELAY—MAIN (LS75) RELAY—PUMP (LS74) RESERVOIR

VALVE BLOCK
WHEEL SPEED SENSOR—FRONT
WHEEL SPEED SENSOR—REAR

LOCATION

TRUNK, LEFT SIDE
DRIVER FOOTWELL
LEFT FRONT BULKHEAD
LEFT FRONT CORNER OF TRUNK
FRONT VALANCE, LEFT SIDE
ENGINE COMPARTMENT, LEFT FRONT CORNER
LEFT ERONT BULKHEAD

LEFT FRONT BULKHEAD LEFT FRONT BULKHEAD LEFT FRONT BULKHEAD LEFT FRONT BULKHEAD DRIVER SIDE BLOWER HOUSING DRIVER SIDE BLOWER HOUSING DRIVER SIDE BLOWER HOUSING

LEFT FRONT BULKHEAD LEFT FRONT BULKHEAD FRONT HUB CARRIER REAR HUB CARRIER

ACCESS

TRUNK TRIM PANEL, LEFT DRIVER FOOTWELL ENGINE COMPARTMENT TRUNK FRONT BUMPER FRONT BUMPER
ENGINE COMPARTMENT
ENGINE COMPARTMENT
ENGINE COMPARTMENT
ENGINE COMPARTMENT
ENGINE COMPARTMENT
DRIVER FOOTWELL
DRIVER FOOTWELL
DRIVER FOOTWELL
DRIVER FOOTWELL
DRIVER COMPARTMENT ENGINE COMPARTMENT ENGINE COMPARTMENT FRONT WHEEL WELLS

REAR WHEEL WELLS

INACTIVE GROUND 12V GROUND 0V GROUND

12V 12V GROUND GROUND

GROUND GROUND GROUND OPEN CIRCUIT GROUND OPEN CIRCUIT 12V 12V

OPEN CIRCUIT 0V 0V

0V OPEN CIRCUIT OPEN CIRCUIT OPEN CIRCUIT

٥V

CONNECTORS

CODE DESCRIPTION

DESCRIPTION
5-WAY AMP (BLACK)
36-WAY PMHD (BLACK)
15-WAY PMHD (YELLOW)
2-WAY AMP PLUG (WHITE)
2-WAY AMP PLUG (WHITE)
2-WAY AMP PLUG (WHITE)
55-WAY TRW (BLACK)
RELAY BASE (BLACK)
RELAY BASE (YELLOW)
5-WAY BOSCH (BLUE)
7-WAY BOSCH (GREY) LB127 LS1 LS2 LS46 LS49 LS51 LS52 LS69 LS74 LS75 LS76 1.877

7-WAY BOSCH (GREY) 5-WAY BOSCH (BLACK) 2-WAY BOSCH (BLACK) LS78 LS79 2-WAY BOSCH (BLACK) LS103 RELAY BASE (BLUE)

LOCATION / INTERFACE

DRIVER FOOTWELL/BRAKE LIGHT SWITCH
LEFT 'A' POST, UNDER DASH PANEL/LB HARNESS
LEFT 'A' POST, UNDER DASH PANEL/LB HARNESS
ENGINE COMPARTMENT, LF INNER FENDER/LF ABS SPEED SENSOR
ENGINE COMPARTMENT, RF INNER FENDER/RF ABS SPEED SENSOR
TRUNK BULKHEAD TRIM PANEL/LR ABS SPEED SENSOR
TRUNK BULKHEAD TRIM PANEL/RR ABS SPEED SENSOR
TRUNK BULKHEAD TRIM PANEL/RR ABS SPEED SENSOR
TRUNK BULKHEAD TRIM PANEL/RR ABS SPEED SENSOR

THUNK BULKHEAD TRIM PANEL / RR ABS SPEED SENSOR
TRUNK, LEFT SIDE / ABS ECU
DRIVER FOOTWELL / ABS PUMP RELAY
DRIVER FOOTWELL / ABS MAIN RELAY
LEFT FRONT BULKHEAD / COMBINED PRESSURE SWITCH
LEFT FRONT BULKHEAD / VALVE BLOCK
LEFT FRONT BULKHEAD / RESERVOIR FULL
LEFT FRONT BULKHEAD / MAIN VALVE
LEFT FRONT BULKHEAD / MAIN VALVE LEFT FRONT BULKHEAD / HYDRAULIC PUMP DRIVER FOOTWELL / ABS ECU RELAY

GROUNDS

CODE LSG56 LSG118

DESCRIPTION

LOCATION / INTERFACE

TRUNK TRIM PANEL, LEFT REAR / POWER GROUND ENGINE COMPARTMENT, LEFT REAR / POWER GROUND

INPUTS / OUTPUTS

ANTI-LOCK BRAKING ECU

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

BATTERY POWER

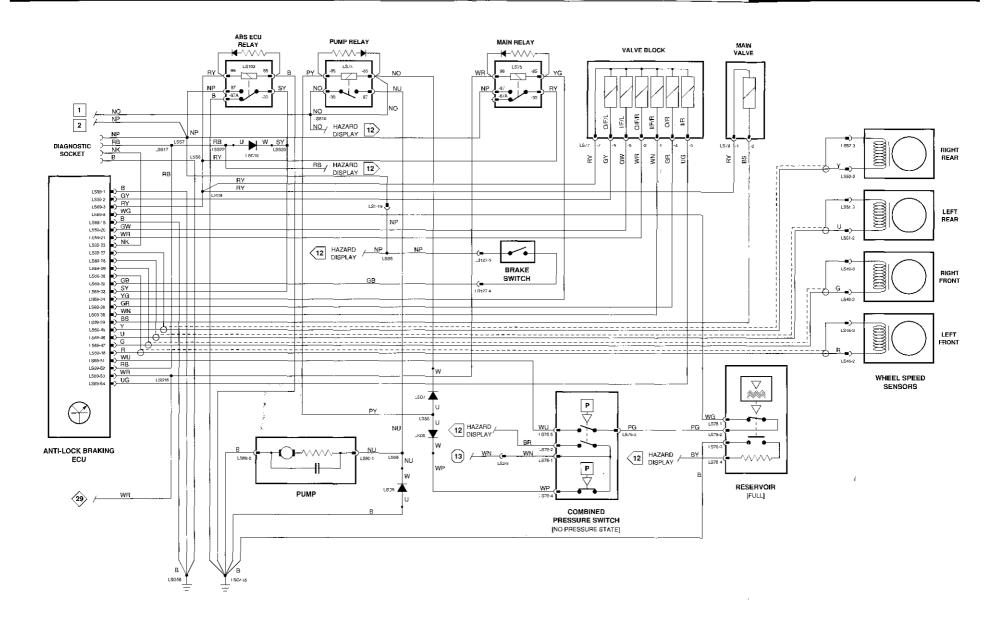
FIG 1

IGNITION POWER FIG 2

IGNITION SWITCHED GROUND FIG 3







ANTI-LOCK BRAKING

RIDE LEVELING

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

CONNECTORS

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

BS87 3-WAY ECONOSEAL (BLACK) LOCATION / INTERFACE

COCATION / 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

DESCRIPTION RSG55 LBG80

LOCATION / INTERFACE

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

INPUTS / OUTPUTS

TEST PIN

RIDE HEIGHT SENSOR

RS35-7

CODE IN / OUT CIRCUIT BATTERY POWER RS35-1 RS35-2 RS35-5 IN OUT OUT IGNITION SWITCHED POWER
UP VALVE RELAY
DOWN VALVE SOLENOID RS35-6

ACTIVE KEY ON: 12V GROUND GROUND

INACTIVE KEY OFF: 0V 12V 12V

BATTERY POWER

FIG 1

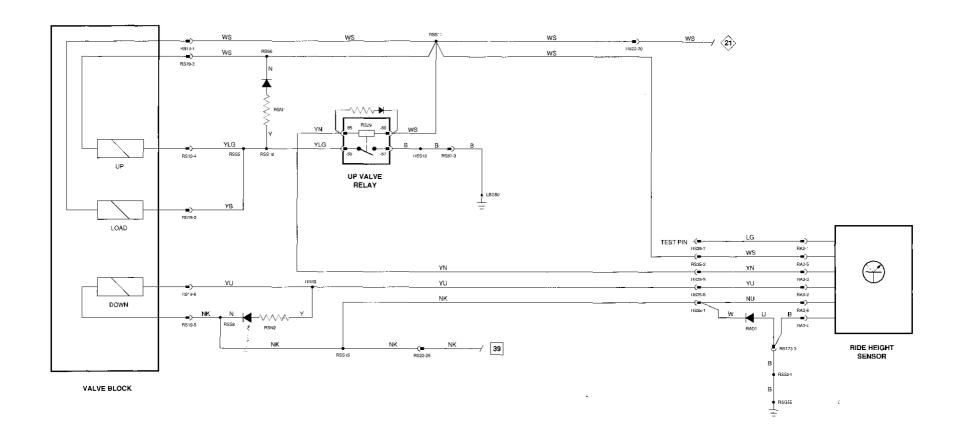
IGNITION POWER FIG 2

IGNITION SWITCHED GROUND

FIG 3



FIG NUMBER REFERENCE



SPEED CONTROL

COMPONENTS

DESCRIPTION

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

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 LSG37 DESCRIPTION

EYELET

LOCATION / INTERFACE

ENGINE COMPARTMENT, LEFT FRONT / POWER GROUND

INPUTS / OUTPUTS

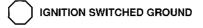
SPEED CONTROL ECM

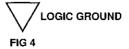
CODE	IN / OUT	CIRCUIT		ACTIVE	INACTIVE
LB20	IN	ROAD SPEED SIGNAL		PULSED SIGNAL	5V DC
LB21-1	OUT	DUMP VALVE CONTROL		GROUND	12V
LB21-2	IN	ON-OFF SWITCH		GROUND	12V
LB21-3	IN	SET/RESUME SWITCHES		SET: 1.5V, RESUME: 3V	5V
LB21-4	OUT	VACUUM PUMP		GROUND	12V
LB21-5	IN	IGNITION SWITCHED POWER		KEY ON: 12V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



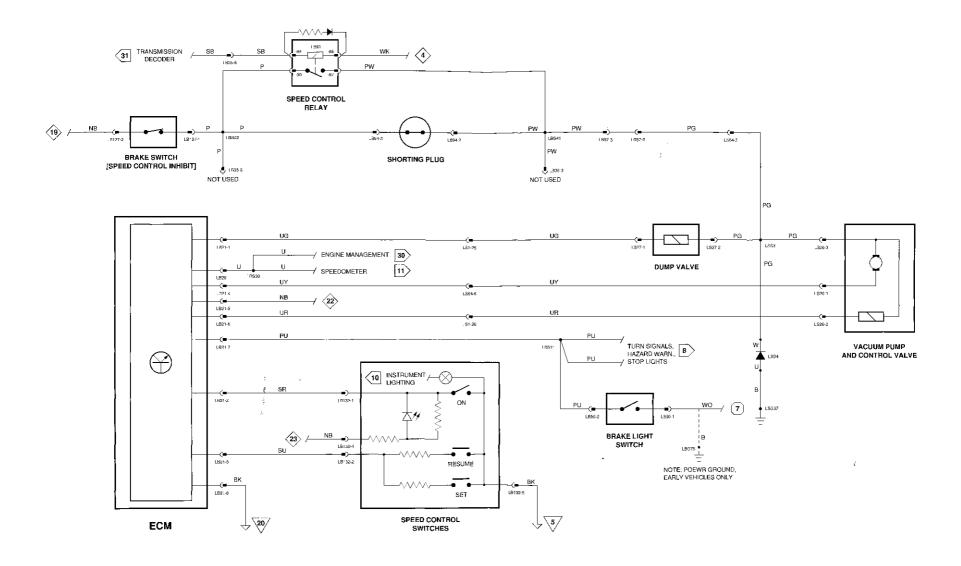
FIG 1











COMPONENTS

DESCRIPTION

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 DOOR LOWER TRIM PANEL

ACCESS

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

GROUNDS

CODE DESCRIPTION

EYELET EYELET LBG74 LBG88 RSG55

LOCATION / INTERFACE

CENTER CONSOLE ASHTRAY / POWER GROUND RIGHT BULKHEAD, BEHIND DASH / POWER GROUND BEHIND TRUNK TRIM PANEL, RIGHT REAR / POWER GROUND

INPUTS / OUTPUTS

CENTRAL MICROPROCESSOR

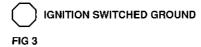
CODE IN / OUT CIRCUIT BATTERY POWER
IGNITION POWER
RADIO ANTENNA
LOGIC GROUND
ANTENNA UP RELAY
ANTENNA DOWN RELAY LB12-2 LB13-1 LB13-24 LB13-36 LB14-20 LB14-21 IN IN IN OUT OUT

ACTIVE 12V 12V 12V GROUND TIMED GROUND: 0V TIMED GROUND: 0V

INACTIVE 12V 0V OPEN CIRCUIT GROUND 12V 12V

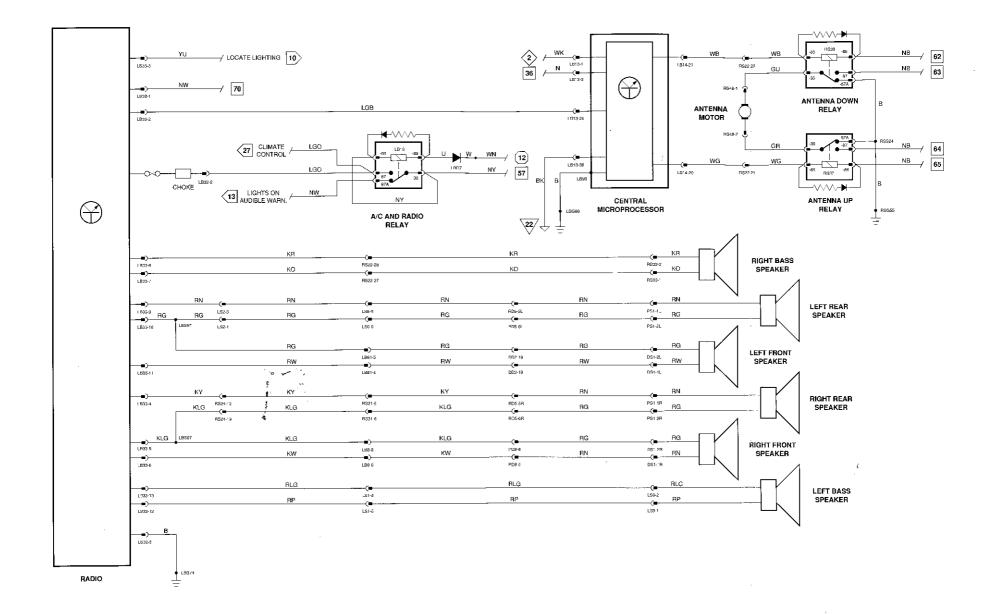
BATTERY POWER FIG 1











	man court	Sales II		
AC3-3	DUIT	CENTER VENT VACUUM SOLENO D	VENT OPEN: 12V	VENT CLOSED: 0V
AG3 4	IN	SMANUA 1 IN PUT FROM CONTROL PANEL	MANUAL GHOUND	AUTO: 4V
AC3-5	OUT	ACCOMPRESSOR CHITCH DE AV	28	OV.
AC3-6	'N	AND AND TOURS AFTER CONTINUES	ADDIVE COSC EX	BELOW 40°C: 0V
	'N	COULAN ENPERATURI AWI OR	MODIFIED OF AN AND AND AND AND AND AND AND AND AND	DEE011 40 0 01
AG3 7	"N	EE BLOWER SPEED FEEDBACK	LOW: TUY, MED: SV. FIGH. TV	41/
AC3-8	N	"FOON" IN-"LI FROM CONTROL PANEL	GHCJND	
AC3-9	N	"NO DROPS" MPUT FROM CONTROL PANEL	GROUND	4V
AG3-10	N	"MANUAL "INPUT FROM CONTROL PAREL AN COMMENSION CULTOR REL CONTROL "MANUAL "MA	VENT OPPN: 19V MARIAN. CIROUND. 10V LOW, FOR ST. LOW, FO	49
AG3-11	N	12 DROPS" INPUT FROM CONTROL PANEL	GROUND	4V
AC3-12	N	DEC IN CIT COMMON CONTON PANEL	GROUND	4V
AG2-12	3N	IDAGE TENTO INDIVIDUAL SEGNATURA DEL PARTI	V888.V WARM: V886V	
		PAGE TERM TREAT FROM CONTROL FARCE	FULL GOOL: 1V, FULL HOT: 11V, DEF 2.9V	
AC3-14	IN .	TOWER PLAP FEEDBACK PCT	POLE GODE: 1V. 100 110 111V. WT VWV	
AC3 15	IN	UPPER FLAP TEDBACK FOIL	FULL COOL. 1V, FULL HO : 19V, DEF. 19V	
AC4-1	CUT	LEFT BLOWER SPEED CONTROL	LOW: 1-2V, NORM: INCREASED V, HIGH: APPROX 1V	
AC4-2	CUT	HIGHT BLOWER SPEED CONTROL	LOW: 12V, NORM INCREASED V, IUGH, APPROX.1V	
AC43	IN	BIGHT BLOWER FELDBACK	LOW: 10V, NO:8M, 9V, HIGH: 1V	
AC4-4	IIS	TO STATE OF THE PRODUCT OF THE PROPERTY OF THE	2.93V @ 20°C :	SYSTEM OFF: 0V
AC4-5	il.	TEMPERATURE DEMAND, NPUT FROM CONTROL PANEL	FULL HOT: 2 S95V, FULL COLD: 0V	
AC4 6	IN.	COLAR CAS SITMSON	MAX. SIGHT, 2 865V	DARK, DV
	OUT	LOUISE DULI O DE UE	OR VE:±/V	NO DRIVE: 0V
AC1-7	201	TOWER SERVO DRIVE	GPOUND 1	GEDUND
AC4-8	IIV.	POWER GROUND	G=JUND	0.0011
AC4 9	NOT USED		:	
AC4-10	OUT	UPPER SERVO DRIVE	na vr. izv. \$	
AC4 11	OUT	LOWER SERVO DRIVE	OR VE: 17V %	NO DRIVE- 0V
AC4-12	DUT	UPPER SELIVO DRIVE	JR VE: ±/V	AO GRIAF: dA
AC4 13	OUT	VOLTAGE SUPPLY TO SENSORS	SYSTEM ON: 5V	SYSTEM CFF: 0V
AC4:14	IN	ON OCCURP IT EDGM CONTROL PANEL	129	OV
AC4-15	IN	TEMPERA USE DEMAND MENT HIDM CONTROL PANEL SOLAR, GAS TIGO BENEFIT HIDM CONTROL PANEL TOWARD SHOW DIRECT HIDM CONTROL PANEL POWER GROWN CONTROL PANEL PA	GROUND	GROUND
A01113	10.4			
AC CONTR	OL PANEL			
AC CONTR		сіясип	ACTIVE	INACTIVE
CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE SROUND
CODE	IN / OUT	CIRCUIT POWER CITICUNG	ACTIVE GROUND	
CODE AC1-2	IN OUT	CIRCUIT POWER CIRCUIU SIGNAL TO EGU	ACTIVE GROUND ON: 2V	GROUND OFF. GROUND
A01-2 A01-3	IN / OUT IN / OUT IN OUT OUT	CIRCUIT POWER CITICUNU SCHALL TO ECU (COMPSIGNA, TO ECU	ACTIVE GIBOURD &%: 2V GIBOURD	GROUND OFF, GEOUND 4V
CODE AC1-2 AC1-3 AC1-4	IN / OUT IN / OUT IN OUT OUT OUT	CIRCUIT POWER CIRCUNU SCHOOL TO ECU **LOW**SIGNAL** TO ECU **MOUNT SIGNAL** TO ECU **MOUNT SIGNAL** TO ECU	ACTIVE GROUND ON: 12V GROUND CHOUND	SROUND OFF, GROUND 4V 4V
CODE AC1-2 AC1-3 AC1-4 AC1-5	IN : OUT OUT OUT OUT OUT OUT	CIRCUIT POWER CHOUND SCHALT DEC: (LOW SIGNAL TO ECU	ACTIVE GROUND GN: "2V GROUND GROUND GROUND GROUND	GROUND OFF, GROUND 4V 4V
CODE AC1-2 AC1-3 AC1-4	IN / OUT IN OUT OUT OUT OUT OUT OUT OUT	CIRCUIT POWER CHICANA SCHALL TO ECU (NOT SIGNAL, TO ECU	ACTIVE GHOUND ON-72V GROUND CHOUND GROUND GROUND GROUND GROUND	GROUND OFF. GLESUND 4V 4V 4V 4V
CODE AC1-2 AC1-3 AC1-4 AC1-5	IN : OUT OUT OUT OUT OUT OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	OROUND OFF, GEOUND VE 4V 4V VECTION OFF; OV
A01-2 A01-3 A01-4 A01-5 A01-6	IN / OUT IN OUT OUT OUT OUT OUT OUT OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OFF, GEOUND 4V 4V 4V IGNITION OFF; 6V 4V
CODE AC1-2 AC1-2 AC1-3 AC1-4 AC1-5 AC1-6 AC1-7 AC1-8	IN / OUT IN / OUT OUT OUT OUT OUT OUT OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OFF, GROUND 1V 4V 4V 4V IGNITION OFF; 6V 4V 4V
CODE A01-2 A01-3 A01-4 A01-5 A01-6 A01-7 A01-8 A01-8	IN / OUT IN OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OFF, GEOUND 4V 4V 4V IGNITION OFF; 6V 4V
CODE AC1-2 AC1-3 AC1-4 AC1-5 AC1-6 AC1-7 AC1-7 AC1-8 AC1-10	IN / OUT IN OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OFF. GROUND 1V 4V 4V 4V IGNITION OFF: 6V 4V 4V 4V
CODE AC1-2 AC1-3 AC1-4 AC1-5 AC1-6 AC1-6 AC1-7 AC1-8 AC1-10 AC1-10 AC1-11	IN / OUT IN OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OFF, OLSOWNO 1V 4V 4V 4V IGNITION OFF; 6V 4V 4V 4V 4V 4V
CODE AC1-2 AC1-2 AC1-3 AC1-4 AC1-5 AC1-6 AC1-7 AC1-8 AC1-10 AC1-10 AC1-11 AC1-11	IN / OUT IN OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OTT. GEROUND 1V 4V 4V 4V IGNITION OFT: RV 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V
CODE AC1-2 AC1-2 AC1-3 AC1-4 AC1-5 AC1-6 AC1-6 AC1-7 AC1-8 AC1-10 AC1-10 AC1-11 AC1-12 AC1-10	IN COUT OUT OUT OUT OUT OUT OUT OUT OUT OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	S ROUND OTT. OF SUND 1Y 4Y 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V
CODE AC1 AC1 -2 AC1 -3 AC1 -6 AC1 -6 AC1 -6 AC1 -7 AC1 -8 AC1 -9 AC1 -10 AC1 -11 AC1 -12 AC1 -13 AC1 -13 AC1 -14	IN: OUT IN: OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROUND OTT. GEROUND 1V 4V 4V 4V IGNITION OFT: RV 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V
CODE AC1	IN: OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	S ROUND OTT. OF SUND 1Y 4Y 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V
CODE AC1-2 AC1-2 AC1-2 AC1-3 AC1-1 AC1-6 AC1-6 AC1-6 AC1-1 AC1-10 AC1-11 AC1-12 AC1-12 AC1-14 AC1-15 AC1-16	IN: OUT	CIRCUIT POWER CAICURE SCHOOL TO ECC 1,000 TIGGIAL TI	ACTIVE GROUND ON: 12V GROUND CHOUND GROUND GROUND GROUND	GROWN OFF, OF COUND 1V 4V 4V 4V HONTHON OFF: EV 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V 4V
CODE AC1	IN: OUT	CIRCUIT POWIT FOLKLING SCHALL TO ECC. LOW SIGHAL, TO ECC. LOW SIGHAL, TO ECC. SIGHAL TO ECC. TECC. SIGHAL TO ECC. SIGHAL TO ECC. TECC. SIGHAL TO ECC. SIGHAL TO EC	ACTIVE GROUND ON: 12V GROUND	GROUND OFF. GREENING AV
CODE AC1	IN: OUT	CIRCUIT POWER CHICANA SCHALL TO ECU (NOT SIGNAL, TO ECU	ACTIVE GROUND CN: 2V CN	BROUND OFF. GERDAND 4V 4V 4V 4V IGNITION OFF: 8V 44V 44V 44V 44V 44V 44V 44V 44V 44V 4
CODE A01-2 A01-3 A01-1 A01-8 A01-8 A01-8 A01-1 A01-10 A01-11 A01-12 A01-15 A01-16 A01-16 A01-16 A01-16 A01-16 A01-16 A01-16 A01-16 A01-16	IN: OUT IN OUT	CIRCUIT POWIT FOLKLING SCHALL TO ECC. LOW SIGHAL, TO ECC. LOW SIGHAL, TO ECC. SIGHAL TO ECC. TECC. SIGHAL TO ECC. SIGHAL TO ECC. TECC. SIGHAL TO ECC. SIGHAL TO EC	ACTIVE GROUND ON: 12V GROUND	SPOINT OFF. GERSON'S AV AV AV AV (SINTION OFF: BY AV
CODE AC1	ROL PANEL IN / OUT IN OUT	CIRCUIT POWT FOLICUME SCHOOL TO ECU MODINE SIGNAL TO ECU MODINE SIGNAL TO ECU MODINE SIGNAL TO ECU MODINE SIGNAL TO ECU MODINE MODINE POWER TI IRONGE ECU MAD ARCHE SIGNAL TO ECU MEDINE SIGNAL TO ECU	ACTIVE GROUND CN: 2V CN	BROUND OFF. GEROND W W W W W HONTHON OFF: BV W W W GROUND GROUND GROUND GROUND GROUND GROUND GROUND

INACTIVE

IN / OUT CIRCUIT

CODE

FIG 27

CLIMATE CONTROL

COMPONENTS

DESCRIPTION BLOWER-LEFT BLOWER-RIGHT CENTRAL MICHOPTICCESSOR CUMATE CONTROL MICROPRICCESSOR AC CONTROL PAIN COCLANT TEMP SWITCH COC-AVI TENP SWITCH
DIGIT LIBOT
PEDBACK POTENTICMETE—LUMPER
FEDBACK POTENTICMETE—LUMPER
HELDY AC AND RANDO (I ITAL
SENSOM—SWATCHA CIN TEMP
STASOM—IN-CAR TEMP
SENSOM—SWATCHA
SERVO—LOWER
SERVO—LOWER
SERVO—LOWER
SERVO—LOWER SOLENOID VALVE—CENTETI VENT SOLENOID VALVE—COOLANT SOLENOID VALVE—DEFROST

SOLENOID VALVE-ISECITICULATION

LOCATION
INCERIOR FRONT BULKHEAD
INTERIOR FRONT BULKHEAD
REHIND GLOVE BOX
AC UNIT, RIGHT S:DE
CENTER CONSOLE CONTEN COMPOLE

CHAIR ROOR P. PP. LEFT SIDE

BEH NY NASH GLOVE BOX

AG UNIT, EFT SIDE

AG UNIT, EFT SIDE

COMPONITY I FAMEL

FVAR CHAIR GLOVE BOX

DAS INCAMED, ABOVE, DENTER

AG UNIT, RICHAT SIDE

AG UNIT, BELOW, SIGHT

AG UNIT, BELOW, AC UNIT, BELOW, EFT AC UNIT, BELOW, RIGHT AC UNIT, BELOW, LEFT

LOCATION

ACCESS ACCESS

LEFT DASH UNDER PANEL
RIGHT SINDER DASH PANEL
UNDER JASH PANEL, RIGHT
SIGHT UNDER DASH PANEL
CONSOLE SKI SLOPE PANEL
LEFT UNDER DASH PANEL LEH I INDER DASH PANEL
JASH G., O'S DOX ASST MIN LEH I INDEH DASH TANEL
NSTRUMENT PAGA
SIGHT DASH UNDER PANEL
SEGHE B., O'S DOX ASSEMBLY
SENGOR PANEL
LEH DASH UNDER PANEL

CC

CODE	DESCRIPTION	LOCATION / INTERFACE	CODE	DESCRIPTION	LO
AC*	24-WAY PMHD (YELLOW)	CENTER CONSOLE / AC CONTROL PANEL	AC17	250 BLADE RECEPTAGLE	UN
AC2	15-WAY SOCKET	RIGHT DASHUNDER FANEL / ÁC EGM	AC18	250 BLACE HEGEPTAG, P	UN:
AC3	15-WAY SOCKET	RIGHT DASH UNDER PANEL / AC ECM	AC19	250 BLADE RECEPTACLE	UN
AC4	15 WAY SOCKET	HIGHT DASH UNDER PANEL! AC EGN	AC21	259 BLAGE RECEPTAGLE	UN!
AO5	5-WAY SOCKET (SLACK)	LEFT DAS-LUNDER PANEL / LEFT PLOWER	AC22	250 BLADE HECEPTAGLE	UNI
ACG	8-WAY SOCKET (B_ACK)	RIGHT DASH UNDER FANCT / FIGHT BLOWER	AC23	250 BLADE RECEPTACLE	UNI
AC7	3 WAY SOCKET IBLACKS	GLOVE BOX ACCITSS PANEL / N-CAR SENSOR	AC24	250 DIJADE RECEPTAG E	UNI
AOB	3-WAY SOCKET (BLACK)	RIGHT SIDE OF AC UNITY SQUAR SENSOR	LB12	3-WAY PK4 (BLACK)	RIG
409	3 WAY SOCKET (BLACK)	HIGH I SIDE OF AC UNIT / EVAPORATION SENSOR	LB13	36-WAY PM-ID (BLACK)	Ric
AC10	3-WAY SCICKE: IBLACK)	LEFT UPPER SIDE OF ACTINIT / UPPER FLAP FEEDBACK POT.	JB1≤	36 WAY PM ID (YELLOW)	13:43
AC11	3-WAY SOCKE (BLACK)	I FITT LOWER SIDE OF AS UNIT / LOWER PLAP FEEDBACK POT	- 1716	RELAY BASE (BLACK)	RC
A012	2 WAY SOCKET (BLACK)	HIGH LOWER SIDE AC UNIT / LOWER SERVO	1.925	3-WAY PM4 (BLACK)	R G
AC13	2-WAY SCICKE" (BLACK)	RIGHT UPPER ACUIN 1 (REMOVE INST. PACK; FUPPER SERVO	_320	3 WAY PM4 (BLACK)	LEF
AC14	250 BLADE RECEPTACIO	LEFT SIDE OF AC UNIT / SQUI ANT TEMP SWITCH	. 266	15-WAY PMHD (BLACK)	CEN
AC15	250 BLADE RECEPTACLE	LEFT SIDE OF AC UNIT / COOLANT TEMP, SWITCH	SD.	3-WAY SOCKET	DAS
AC16	250 BLADE RECEPTACLE	UNDER HERIDE OF AC UNITY REGIRD MACUUM SOLENCID			

OCATION / INTERFACE DURANNIN MICHAEL

NOTER I LISTE CHAZINI LI REGILIC, VACUUM SOLENOIC
INDERLI HISTO CHAZINI LI REGILIC, VACUUM SOLENOIC
INDERLI HISTO CHAZINI LI WATERVANIN MICHAEL
INDERLI HISTO CHAZINI LI CENTRAMINI MICHAEL
INDERLI HISTO CHAZINI LI CHAZINI CHAZINI CHAZINI
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GROUNDS

CODE	DESCRIPTION
BG73	5YeLET

LOCATION / INTERFACE

CENTER CONSOLE AS ITEMY / POWER GROUND RIGHT BUILKHEAD, BEHIND DASH / POWER GROUND

INPUTS / OUTPUTS

BLOW	ren-	-LE	FT

BLOWER	-LEFT		
CODE	IN / QUT	CIRCUIT	ACTIVE
AC5-I	IN	LIGH SPEED RELAY PULL-IN	HIGH OR DEF: 0V
AC5 2	OUT	BLOWER SPEED FEEDBACK	LOW: 10V, NORM: 9V, HIG 1: 1V
AC5-3	IN	SENSOR GROUND	GRO.JND
AC5-4	TN.	B. GWER BREED CONTROL	LOW: 1-ZV, NORM: JNCREASED V, HIGH: 1V
AC5 5	IN	ON-OFF SIGNAL	SYSTEM ON: 12V
L228-1	IN	FOWER GROUND	GROUNT)
L320 2	IN	BATTERY POWER	12V
BLOWER	-RIGHT		
CODE	IN / OUT	CIRCUIT	ACTIVE
AC6-1	N	LEGIT SPEED RELAY PULL-IN	HIGH OR DEF: 12V
AGG 2	OUI	BLOWER SPEED FEEDBACK	LOW: 16V, NORM: 9V, HIGH: 1V
AC6-3	N	SENSOR GROUND	GROUND
AC6-4	'N	BLOWER SPEED CONTROL	OW: 1.7V, NORM: INCITEASED V. HIĞH: IV
AC6-5	IN	SENSOR VOLTAGE INPUT	SYSTEM ON: 5V
AC6-6	IN	SENSOR GROUND	GROUND
AGE 7	COL	AMBLENT TEMP SENSOR	SYSTEM ON, 2.937 @ 201 €
AC6-8	IN	ON-OFF SIGNAL	SYSTEM ON: 12V
LB25-1	IN	POWTP GROUND	GROUND 12V
LB25.2	IN	BATTERY POWER	129

GROUND CW. 1.74, NORM: INCHEASED V. HIGH: IV SYSTEM ON: 5V GROUND SYSTEM ON: 247/9 20° C SYSTEM ON: 247 GROUND 12V GROUND 12V

SYSTEM OFF: 6V SYSTEM OFF: 0V SYSTEM OFF: 0V GHOUND

NOT HIGH OR DEFROST: 0V

INACTIVE NOT HIGH OF DEFINOSHED GROUND SYSTEM CFF: 07 GROUND

INACTIVE

CHOUND

INACTIVE

127 GEOUND

CROUND

CENTRAL MICROPROCESSOR

CLIMATE CONTROL MICROPROCESSOR

CODE	IN / OUT	CIRCUIT	ACTIVE
LB12.2	IN	BATTERY POWER	- 2V
LB13-36	IN	LOGIC GROUND	GROUNG
LB14-26	OUT	VOLTAGE SUPPLY TO AC CONTROL	5∀
I 1190	IN	PCWEIT GROUND	GROUND

IN / OUT	CIRCUIT	ACTIVE	INACTIVE
IN	IGNITION SWITC IED POWER	KEY CN: 12V	KEY OH: CV
IN	POWER GROUND	GROUND	GROUND
OLT	RECIRCULATION FLAP VACUUM SOLENOIS	12V	747
N	IN-CALLSENSOR	SYSTEM GN: 2 /3V + 01V/C	SYSTEM OFF: 6V
N	EVAPORATOR SENSOR	2 73 V @ 0°C	2.93V @ 20°C
N	POWER GROUND	GROUND GROUPED	GROUND
IN	NCTUSED		
IN	'AIR' NPUT FROM CONTROL PANEL	GROUND	4V
IN	"OFF" INPUT FROM CONTROL PANEL	SYSTEM ON: 12V	SYSTEM OFF: GROUND
IN	POWER GROUND	GROUND	GHOUND
OUT	DEFROST FLAP VACUUM SOLFNOID	DEF: 12V	NGT OFF, CHOUND
IIN.	IGNITION SWITCHED POWER, THIROUGH CONTROL PANEL	KEY ON: 12V	KEY OFF: 0V
IIN.	LOW: INPUT FROM CONTROL PANEL	GROUND	4∀
IIS.	"KORM" INPUT FROM CONTROL PANEL	GROUND	2V
IN	"HIGH" INPUT HROM DON HIGH PANEL	SROUND	/¥
OUT	HIGH SPEED RELAYS	DEF OH H:GH, 12V	NOT DEFOR HIGH: OV
OUT	COOLANT VALVE VACUUM SOLENO D	FULL CCC.: 12V	NOT FULL COOT: 9V

CONTINUED AT LEFT ON FOLDOUT

BATTERY POWER	IGNITION
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FIG 1

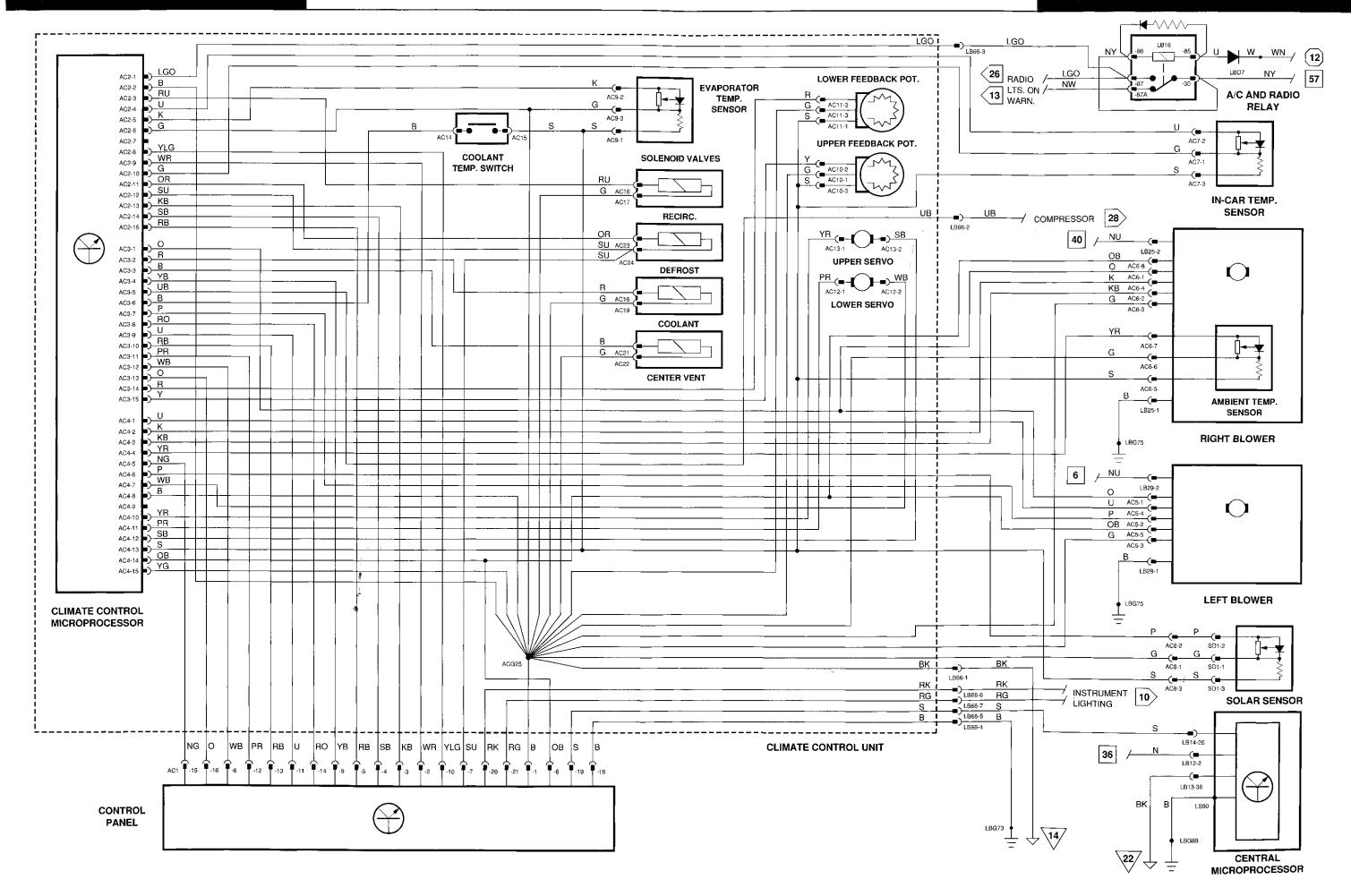
CODE

AC2 1 AC2-2 AC2-3 AC2-4 AC2-6 AC2-7 AC2-8 AC2-10 AC2-11 AC2-11 AC2-12 AC2-14

AGZ-15 AG3-1 AG3-2

FIG 2

FIG 3



COMPRESSOR CLUTCH; COOLING FAN

COMPONENTS

DESCRIPTION

DISCHIPTION
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

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

2-WAY PM4 (GREEN)

LOCATION / INTERFACE

COATION / 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

GROUNDS

RS77

CODE DESCRIPTION RSG53 **EYELET** RSG55

LOCATION / INTERFACE

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

BATTERY POWER

IGNITION POWER

IGNITION SWITCHED GROUND

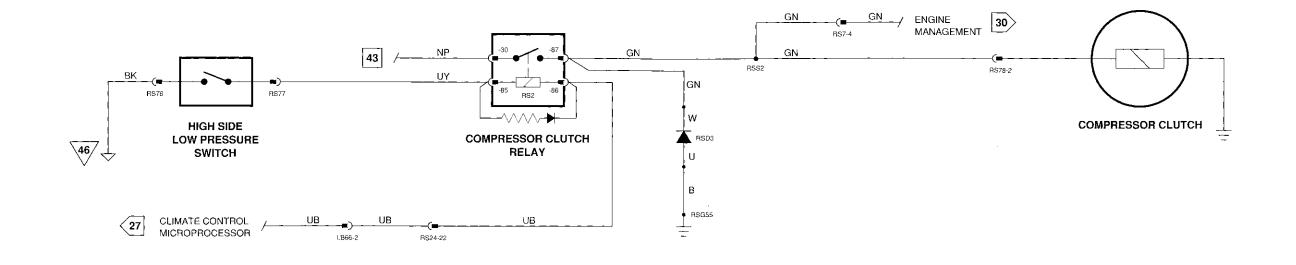


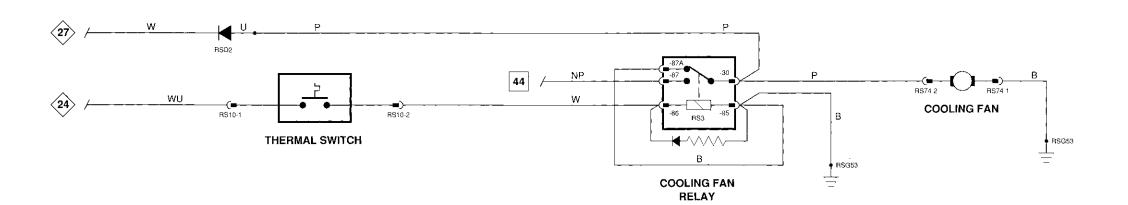
FIG NUMBER REFERENCE

FIG 1

FIG 2

FIG 3





PASSIVE RESTRAINT

COMPONENTS

DESCRIPTION

AUDIBLE WARNING MODULE CENTRAL MICROPROCESSOR DIODE—LBD1 DOCK SWITCH—FRONT DOCK SWITCH—REAR DOOR LOCK SWITCH DOOR SWITCH MOTOR—PASSIVE RESTRAINT PASSIVE RESTRAINT ECM PROXIMITY SWITCH—LEFT PROXIMITY SWITCH—RIGHT RELAY—REVERSE INHIBIT (LB118) TRANSMISSION ROTARY SWITCH

LOCATION

RIGHT COMPONENT PANEL BEHIND GLOVE BOX BULKHEAD, LEFT OF STEERING COLUMN PASSIVE RESTRAINT MOTOR
'B/C' POST
INTEGRAL WITH LOCK MOTOR DOOR LATCH
'B/C' POST
BELOW INSTRUMENT PANEL 'B/C' POST 'B/C' POST LEFT BLOWER CASE GEARBOX, LEFT FRONT

ACCESS

RIGHT UNDER DASH PANEL UNDER DASH PANEL, RIGHT DASH BOARD 'B/C' POST TRIM, LOWER 'B/C' POST TRIM, UPPER

DOOR LOWER TRIM PANEL DOOR LOWER THIM PANEL 'B/C' POST TRIM, LOWER LEFT DASH UNDER PANEL 'B/C' POST TRIM 'B/C' POST TRIM LEFT DASH UNDER PANEL BELOW VEHICLE

CONNECTORS

CODE	DESCRIPTION
DD6	6-WAY PM4 (YELLOW)
DD9	6-WAY PM4 (BLACK)
GB1	24-WAY PMHD (YELLOW)
LB8	24-WAY PMHD (BLACK)
LB12	3-WAY PM4 (BLACK)
LB13	36-WAY PMHD (BLACK)
LB14	36-WAY PMHD (YELLOW)
LB35	15-WAY PMHD (GREEN)
LB58	15-WAY PMHD (BLACK)
LB61	36-WAY PMHD (BLACK)
LB85	6-WAY PM4 (BLACK)

LOCATION / INTERFACE DOOR, INNER / LOCK MOTOR
DOOR, INNER / DOOR LATCH SWITCH
CENTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH
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 / CPU
CENTER CONSOLE / REVERSE INHIBIT
RIGHT DASH UNDER PANEL / AUDIBLE WARNING MODULE
INSIDE LEFT 'A' POST / DD HARNESS LS 'B/C' POST LOWER TRIM / LS PASSIVE RESTRAINT MOTOR CODE DESCRIPTION LB86 LB87 24-WAY PMHD (BLACK) 8-WAY PM4 (BLACK) 6-WAY PM4 (BLACK) LB91 4-WAY PMHD (BLACK) 4-WAY PMHD (BLACK) RELAY BASE (GREEN) LB105 LB118 5-WAY PIN CONN. (BLACK) 36-WAY PMHD (BLACK) 6-WAY PM4 (BLACK) 6-WAY PM4 (YELLOW) LB119

LOCATION / INTERFACE LEFT UNDER DASH PANEL / PASSIVE RESTRAINT MODULE
LEFT UNDER DASH PANEL / PASSIVE RESTRAINT MODULE
RS 'B/C' POST LOWER TRIM / RS PASSIVE RESTRAINT MOTOR
RS 'B/C' POST LOWER TRIM / RS PASSIVE RESTRAINT SWITCH
LS 'B/C' POST, LOWER TRIM / LS PASSIVE RESTRAINT SWITCH
DRIVER FOOTWELL, LEFT BLOWER / REVERSE INHIBIT MOTOR
CARPET UNDER DRIVER SEAT / DRIVER SIDE IL HARNESS LEFT 'A' POST, UNDER DASH PANEL / LB HARNESS DOOR, INNER / DOOR LATCH SWITCH DOOR, INNER / LOCK MOTOR

GROUNDS

CODE LBG75 LBG88

LB58-2

DESCRIPTION EYELET

LOCATION / INTERFACE

BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND RIGHT BULKHEAD, BEHIND DASH / POWER GROUND

INPUTS / OUTPUTS

AUDIBLE WARNING MODULE CODE IN / OUT CIRCUIT

CENTRAL MICROPROCESSOR			
CODE	IN / OUT	CIRCUIT	
LB12-2	١N	BATTERY POWER	
LB13-1	ΙŃ	IGNITION POWER	
LB13-22	IN	SEAT BELT WARNING SWITCHES	
LB13-23	IN .	SEAT BELT WARNING SWITCHES	
LD40.00	FAI	LOCIC CROUND	

SEAT BELT / GEAR POSITION AUDIBLE WARNING

LB14-15 LB90 OUT IN SEAT BELT / GEAR AUDIBLE WARNING POWER GROUND

ACTIVE

TIMED PULSE TO GROUND: 0V

PD5

ACTIVE 12V 12V FAIL: GROUND FAIL: GROUND GROUND

TIMED / STAGGERED PULSE TO GROUND GROUND

PASSIVE RESTRAINT ECM

CODE	IN / OUT	CIRCUIT
LB86-1	OUT	CENTRAL LOCKING "UNLOCK"
LB86-2	IN	IGNITION SWITCHED GROUND
LB86-3	OUT	SEAT BELT WARNING
LB86-4	IN	DRIVER DOOR AND REVERSE INHIBIT
LB86-5	IN	IGNITION SWITCHED GROUND
LB86-6	IN	INERTIA SWITCH
LB86-7	IN	FRONT DOOR SWITCH, LEFT
LB86-8	IN	REAR DOCK SWITCH, LEFT
LB86-9	IN	LOGIC GROUND
LB86-10	IN	PROXIMITY SWITCH, LEFT
LB86-11	IN	PROXIMITY SWITCH, RIGHT
LB86-12	IN	LOGIC GROUND
LB86-13	IN	REAR DOCK SWITCH, RIGHT
LB86-14	IN	FRONT DOCK SWITCH, RIGHT
LB86-15	IN	PASSENGER DOOR
LB86-16	IN	LOGIC GROUND
LB87-1	IN	BATTERY POWER
LB87-2	OUT	LEFT MOTOR DRIVE
LB87-3	OUT	LEFT MOTOR DRIVE
LB87-5	OUT	RIGHT MOTOR DRIVE
LB87-6	OUT	RIGHT MOTOR DRIVE
LB87-7	IN	POWER GROUND
LB87-8	IN	POWER ROUND
LB87-9	IN	BATTERY POWER

ACTIVE GROUND: 0V GROUND: 0V LESS THAN 1V DOOR OPENED: LESS THAN 1V GROUND: 0V GROUND: 0V GROUND: 0V 12V (DOCKED) 12V (DOCKED) GROUND: 0V 12V (BELT LATCHED) 12V (BELT LATCHED) GROUND 12V (DOCKED) 12V (DOCKED) DOOR OPENED: LESS THAN 1V GROUND

12V 12V TO BESTRAIN 12V TO RESTRAIN 12V TO RELEASE 12V TO RESTRAIN 12V TO RELEASE GROUND GROUND 12V

GROUND

PASS: OPEN CIRCUIT PASS: OPEN CIRCUIT GROUND

INACTIVE

INACTIVE 12V

INACTIVE 7-9 V 12V 12V DOOR CLOSED OR OPENED IN REVERSE: 12V 12V 12V GROUND: 0V GROUND: 0V GROUND: 0V GROUND: 0V GROUND: 0V GROUND GROUND: 0V GROUND: 0V DOOR CLOSED: 12V GROUND GROUND: 0V GROUND: 0V GROUND: 0V GROUND: 0V GROUND GROUND

BATTERY POWER

FIG 1

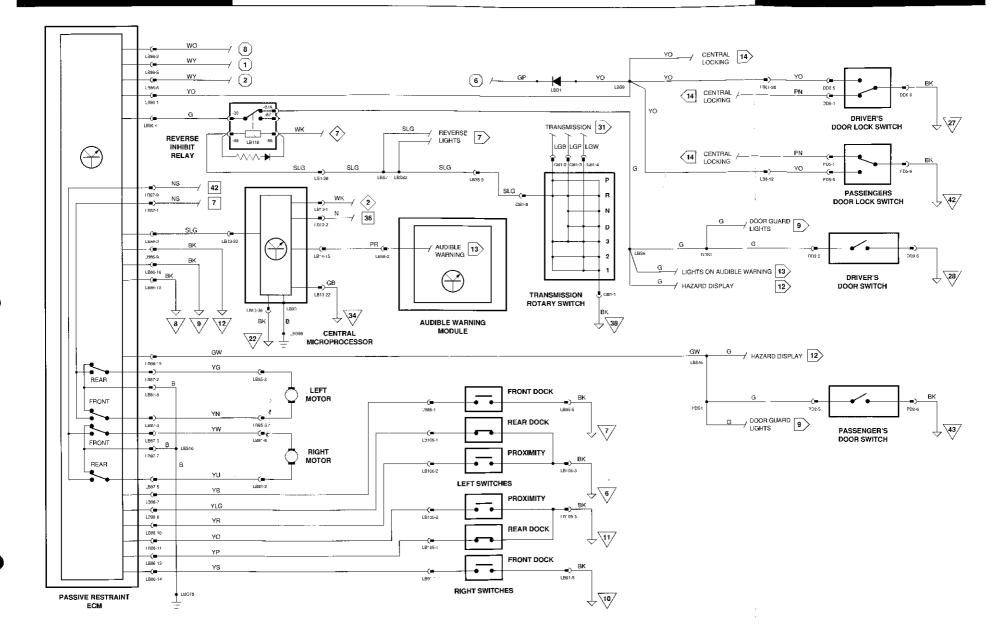
IGNITION POWER

FIG 2

IGNITION SWITCHED GROUND







CODE ACTIVE IN/OUT CIRCUIT INACTIVE 1159-8 LI59-9 1159-10 LI59-11 LI50-12 1159-13 S STECOMETER (BOAD SPEED SIGNAL GROUND CHOUND NOT USED AR MASS METER ID. FITBIN ADJUSTMENT HANGE: 0.5V KEY GEF- 0V ENGINE SPEED'S CINAL FUELING FAULT (CHECK FINGINE) CHANKSHA-: SEVECH PULGED SIGNAL PULGED SIGNAL 12V GROUND THROTTLE POTENTIONETER WIPER LI59-14 1 I59-15 LI59-18 240MV-4 9V FUEL USED AIR MASS METER LOAD I'ULSED SIGNAL IDLI'IN'N: APPROX 149 LI59-17 J I59-15 L 59-19 L 59-20 OXYGEN SEVSOR 0-1V SWING ENGINE OFF: 09 OXYGEN SENSOR GROUND CROL NO. GROUND SERIAL PORT (D AG VOSTIS SOCKET) AIR TEMPERATURE SENSOR GROUND SENSED VOLTAGE: 2 3V @24FC GROUND 1.89.21 AJC DOMPRESSOR (IDLESTED OLI NOT USED THROTTLE POTENTIOMETER POWEL CRANKSHAFT SENSOR GROUND GROUND GROUND

FIG 30

ENGINE MANAGEMENT

COMPONENTS

DESCRIPTION AIR INJECTION PUMP AIR MASS METER AIR : NJECT-ON SOLENDID VALVE AMPLIFIER DIAGNOSTIC SOCKE DIODE-LISTI
EGR SOLFNOID VACUUM VALVE ENGINE MANAGEMENT ECU FLELINJECTORS TUTI PUME ID E SPEED AND IA YOR IGNITION COL.
PURGE VALVE
RELAY—AIR INJECTION (LS33) RELAY—AH INJECTION (C)
RELAY—FUT PUMP (LIS)
RELAY—MAIN (LIS)
RESISTOR (LIR1)
SENSOR AIR TEMP SENSOH—COOLANT TEMP SENSOR—CRANASHAFT SENSOR—EGIT TEMPERATURI

LDCATION TET FRONT BULKHEAD ENGINE COMPARTMENT, LEFT FRONT LEFT FRONT OF BULKHEAD NBOARD OF RIGHT FRONT INVER FENDER SIGHT REAR IT. II KHEAD TRUNK, FRONT LEFT, BELOW RELAYS 15FT REAR BULKHEAD PASSENGER FOOTWOLL PASSENGE HECKEN ABOVE REAR SUBFRAME, LEFT NLET MANIFOLD, CYLINDERS 2,3, TOP NROARD OF RIGHT FRONT INNER FENDER LEFT FRONT FENDER, BELOW LEFT FRONT BUILDING COMPONENT PANEL COMPONENT PANE RIGHT SIDE HARNESS AIR INTAKE ELBOW THERMOSTAT HOUSING
ENGINE FRONT COVERT
INTAKE MANIFOLD (HROTTLE
FRONT, CATALYTIC CONVERTER BELOW THROTTLE BODY

ACCESS PINGINE COMPARTMENT ENGINE COMPARTMENT FINGINE COMPARTMENT ENGINE COMPARTMENT ENGINE COMPARTMENT LEFT TRUNK TRIM PANEL ENGINE COMPARTMENT BIGHT DASH UNDER PANEL FINGINE COMPATTMENT, LEFT REAH SUBFFAME, BELOW ENGINE COMPARTMENT ENGINE COMPARIMENT LEFT FRONT WHEEL WELL ENGINE COMPARTMENT RIGHT DASH UNDER PANEL HIGHT DASH UNDER PANCL 6 N. / IGNITION COP FINGINE COMPARTMENT, LEFT LEFT, FRONT OF CYLINDER HEAD ENGINE COMPARTMENT, ABOVE ENGINE COMPAITMENT ENGINE COMPARTMENT, RIGHT ENGINE COMEARTMENT LE

THROTTLE POTENT OMETER CONNECTORS

SENSOR-OXYGEN

CODE DESCRIPTION _328 6-WAY -NM (YELLOW) _I4 RFI AY 3ASE (RFD) LIS RELAY 3ASE (YELLOW) LIS RELAY BASE (YELLOW)

LIS 2-WAY RING SOCKET (GREY)

LID 2-WAY RING SOCKET (GREY) 2-WAY RING SOCKET (GREY) 2-WAY RING SOCKET (GREY) 5-PADE (WILITE) LI13 L114 L118 L119 .120 L121 L122 J 126 L127 SPANN (WHATE) 6-WAY BOSCH SOCKET (BLK) 2-WAY BOSCH SOCKET (BLK) 3-WAY LIMA (BLACK)

FIGHT DASH DIVIDENT FAIR TO FAIR
ENGINE COMPART MENT / INJECTOR 6
ENGINE COMPARTMENT / INJECTOR 6
ENGINE COMPARTMENT / INJECTOR 4 IND IN SUBMAINTENT INVESTORS HEAD REPAIR ENTER TO A PROPRIES TO A PROPRIES OF THE PROPRIES OF 3 WAY PM4 (BLACK) FYELET (FIFD) EYELET (BLACK) ENGINE LEFT FRONT / AIL INJECTION PUMP ENGINE COMPARTMENT, RIGHT / IGNITION COLENGINE COMPARTMENT, RIGHT / IGNITION CC.L

LOCATION / INTERFACE

RIGHT DAS TUNDER PANEL / LI HARNESS HIGHT DASH UNDER PANEL / MAIN RELAY RIGHT DASH UNDER FANEL / FUEL PUMP RELAY

CODE DESCRIPTION LOCATION / INTERFACE EYELET TYCLET 2-WAY BOSCH SOCKET (BLK) 2-WAY BOSCH SOCKET (BLK) IGNE ON AMPLIFIER BASE PLATE / POWER GROUND AIR MASS METEL STUD / POWER GROUND LINGING COMPARTMENT LAMBOR SENSOR HEATER ENGINE, LEFT PSONT / YACUUM SOLT NOOD VALVE 2-WAY BOSCH BOCKET (BLK) 24-WAY PMHD (CREEN) 2-WAY BOSCH (BLACK) ENGINE, LEFT POM FYACCUR SUIT NOU VALVE AIR IN TAKE ELBOW FAIR TEMP, SENSOTI FASSENGER FOOTMEU FOR FEMERAL FEEDWINTAKE MANIFOLD FERGI FEMERAL JAIR SENSOR LEFT HEART OF ENGINE FEGI SOLEMO DIVALVE 2-WAY BOSCH (BLACK) 2-WAY BOSCH (BLICK) 6-WAY PACKARD (3_ACK) 4-WAY PACKARD (3_ACK) 25-WAY AMP SOCKET (BLK) 25-WAY AMP SOCKET (YEL) 7-WAY BOSCH (BLACK) 9-WAY PAM (BLACK) LEFT INBART OF ENGINE FEDI SOLEND DIVALVE BELOW NITA-EMANIFICAL PHROTTLE POTENTIONETER INTAKT MANIFOLD, YOW /THROTTLE POTENTIONETTER INVERFOOWER J. FRIGHTE MANAGEMENT EQU DRIVER FOOTWER J. FINGHE MANAGEMENT EQU REFORM FOOTWER J. FRIGHTE MANAGEMENT EXLEFT AS POST, UNDER DASH FANEL / LIS HARNESS LEFT CAVITY, REAR SECTIPANT OF TARNESS LS10 3-WAY PM4 (BLACK) 1932 OF AV RASI- (GDEEN TERT HAS MARKED SHARK SET AND DELINE SET AN

GROUNDS

CODE DESCRIPTION EYELST LIG30 LIGS

CIRCUIT

THANSOUCH GROUND

TRANSDUCER GROUND

IDLE TRIM A DUUSTMENT POWER GROUND

LOAD SIGNAL IGNITION ON POWER

LOCATION / INTERFACE DHIVER FOOTIWE..., LEFT 'A HOST / HOWER GROUND ENGINE COMPARTMENT BULKHEAD, RIGHT / POWER GROUND ENGINE COMPARTMENT TULKHEAD, RIGHT/POWER CROUND CODE DESCRIPTION 1. 032 EVELE LSG121 EYELE

9-WAY PMF (YELLOW)

L 28 L 33 L/37

133

L 95 L 95 L 150 L 158 L 159 L 1125 L 93

ENGINE COMPARTMENT, ABOVE IGNITION COLL/ LI HARNESS

INLET MAN FOLD, #2 CYLINDER FIRING STUD / POWER GROUND TRUNK TRUM PANEL LEFT REAR / FUEL PUMP POWER GROUND

INPUTS / OUTPUTS IN / OUT

OUT

ENGINE MANAGEMENT ECU DI COURT

AIR MASS METER CODE 11195

LI19-2 LI19-3 LI19-5

LI19-6 LI33 OUT

CODE	IN/OUI	CIRCUIT
LI68-1	OUT	IGNI I ION DRIVE
1.158 2	OUT	AIR INJECTION BELAY
LISS-3	OUT	AIR MASS MEITER / SENSORS
LIG9-4	OUT	IGNITION AMPLIFIER
H58.5	OUT	PURSE VALVE CONTROL
LIES-6	DEBUTICAL	
LI58 7	OUT	FUEL PUMP RELAY
1158-6	rN	EGRITTMP, SENSOR, IGNITION ON PNOINE OFF
Llua-9	OUT	TRANSMISSION EQUI (INJECTOR PULSE-ENGINE LOAD)
H58-10	iN	KINITION SWITCHED POWER
	OUI	LOGIC CHOUND
LI58 12	QJF	INJECTORS (SUPPLY)
1158-13	CUT	NIFCTOPS (DRIVS)
Lié8 IX	/N	BATTERY POWER
LI58 15	OUT	IDLE SPEED ACTUATOR
1.158-16	C.JI	IDLE SPEED ACTUATOR
LI58-17	OUT	NJECTORS (SUPPLY)
1, 58 18	OUT	DLF SPFFD ACTUATOR
Li58-19	OUT	IDLE SPEED ACTUATOR
L/58-20	gur .	CGR SOLENOID VALVE
1158-21	IN	AHI CONDITIONE? COMPRESSOR
L'55-22	IN	GNITION SWITCHED POWER
L 58 23	OUT	LOGIC GROUND
155-21	OUT	LOGIC CROUND
_ISB-25	OUT	INJECTORS (JRIVE)
L/59 1	IN	CINITION SWITCHED POWER
L 59-2	IN	COGLANT TEMP, SENSOR
∟I59 3	IIV.	TRANSMISSION DECODER (IDLE FUEL)
. 159-4	IN.	SERIAL PORT (D'ACINOS" CISOCKE)
LI59-5	IN	TRANSMISSION FCU (IGNITION TIMING CONTROL)
LI59 6	NOTUSED	
159-7	OUT	TRANSMISSION ECU (IGNITION TIMING SELECT)

ACTIVE INACTIVE GROUND GROUND OHOUNT CHOUND DLE IN 1N1: APPROX I 4V KEY ON, ENGINE OFFILESS THAN 1V ADJUSTMENT HANGE: C-6V KEY OFF: 07 GROJNO ACTIVE INACTIVE 2 ILRED SIGNAL APPROX 0-3V AT IDLE GROUND: 5V 12V GBOUND: 0V KEY ON: 5V GROUND: DV

KEY OHH: CV
19V
150
KEY ON, ENCINE OFF:
DV
DV
GROUND
- 24
127
124
KEY ON PROINE OFF: 10V
KEY ON, ENGINE OFF: LESS TI-AN IV
- 2V
KEY ON, ENGINE OFF: 10V
KEY ON, ENGINE OFF: LESS TIMM 1V
KEY ON, ENGINE OFF: 12V
DV
OV
GROUND
GRO. NU
12V
0V
DV
"B" "D", "3" "2", 5V
CHOUND
OV.

CONTINUED AT LEFT ON FOLDOUT





GROUND ALEK AIRPROX PUI SED SIGNAL GROUND PULSED SIGNAT PULSTO SIGNA.

12V PUI SED SIGNAL

Bull SED SIGNAL

PULSED SIGNA

PULSED SIGNAL

SROUND PULSED SIGNAL

PULSED SIGNAL

12V AFFROX, 2 05V @3010

"F", "V", "2" GROUND GHOUND PULSED SIGNAL

GROUND

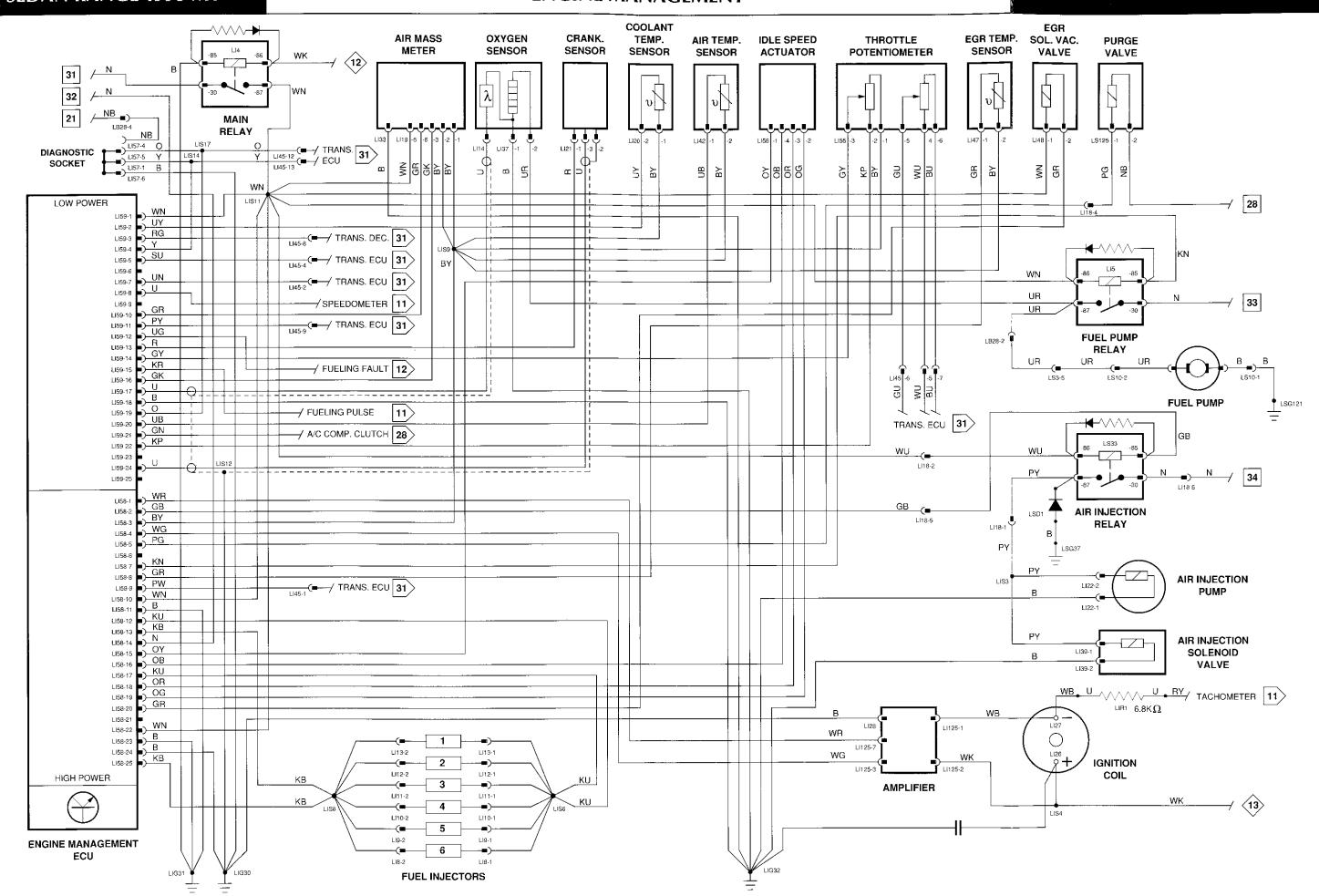
12V GROUND



FIG NUMBER REFERENCE

FIG 1

FIG 2



TRANSMISSION CONTROL

COMPONENTS

DESCRIPTION

DESCRIPTION
DECODER MODULE
DIAGNOSTIC SOCKET
GEAR POSITION INDICATOR MODULE
KICKDOWN SWITCH
MODE SWITCH
RELAY—TRANSMISSION (GB4) ROTARY SWITCH
THROTTLE POTENTIOMETER
TRANSMISSION ECU

LOCATION

COMPONENT PANEL RIGHT REAR BULKHEAD "J" GATE
ACCELERATOR PEDAL
"J" GATE
RIGHT COMPONENT PANEL GEARBOX, LEFT FRONT INTAKE MANIFOLD, BELOW RIGHT COMPONENT PANEL

ACCESS

RIGHT DASH UNDER PANEL ENGINE COMPARTMENT "J" GATE ACCELERATOR PEDAL "J" GATE RIGHT DASH UNDER PANEL BELOW VEHICLE ENGINE COMPARTMENT RIGHT DASH UNDER PANEL

CONNECTORS

CODE	DESCRIPTION	LOCA
GB1	24-WAY PMHD (YELLOW)	CENT
GB2	6-WAY AMP (WHITE)	CEN
GB3	15-WAY PMHD	CENT
GB4	RELAY BASE (PURPLE)	COM
GB5	55-WAY BOSCH (BLACK)	COM
GB6	26-WAY AMP (BLUE)	COM
GB11	3-WAY PM4 (GREEN)	COM
LB35	15-WAY PMHD (GREEN)	CENT
LB111	3-WAY ECONOSEAL (BLACK)	DRIV
LI45	24-WAY PMHD (GREEN)	COM
LI53	6-WAY PM4 (BLUE)	INTA

CATION / INTERFACE

CATION / INTERFACE
NTER CONSOLE SKI SLOPE PANEL / ROTARY SWITCH
NTER CONSOLE SKI SLOPE PANEL / MODE SWITCH
NTER CONSOLE SKI SLOPE PANEL / GEAR SELECTOR ILLUMINATION MODULE
MPONENT PANEL / TRANSMISSION RELAY
MPONENT PANEL / TRANSMISSION ECU
MPONENT PANEL / DECODER MODULE
MPONENT PANEL / BULKHEAD HARNESS
NTER CONSOLE / TRANSMISSION RELAY
IVER FOOTWELL / KICKDOWN SWITCH
MPONENT PANEL / GEARBOX TO ENG. MANAGEMENT
'AKE MANIFOL D. BELOW / TREDOTTLE POTENTLOMETER AKE MANIFOLD, BELOW / THROTTLE POTENTIOMETER

GROUNDS

CODE	DESCRIPTION
GBG10	EYELET
LBG75	EYELET
LIG30	EYELET

LOCATION / INTERFACE

TRANSMISSION TUNNEL / POWER GROUND BULKHEAD, BEHIND LEFT BLOWER AIR DUCT / POWER GROUND ENGINE COMPARTMENT BULKHEAD, RS / POWER GROUND

INPUTS / OUTPUTS

IN / OUT

DECODER MODULE

CODE

GB6-1	OUT	GEAR POSITION "3"
GB6-2	OUT	GEAR POSITION "2"
GB6-3	OUT	GEAR POSITION "R"
GB6-4	OUT	GEAR POSITION "D"
GB6-5	NOT USED	
GB6-9	OUT	AUDIBLE WARNING "P"
GB6-10	IN	IGNITION SWITCHED POWER
GB6-11	IN	SELECTOR POSITION "R"
GB6-12	'IN	SELECTOR POSITION "D" RANGE
GB6-13	IN .	SELECTOR POSITION "P" RANGE
GB6-14	OUT	GEAR POSITION "N"
GB6-15	OUT	GEAR POSITION "P"
GB6-20	IN	LOGIC GROUND
GB6-21	IN	POWER GROUND
GB6-25	OUT	"D" RANGE SELECTED
GB6-26	TUO	ENGINE MANAGEMENT

CIRCUIT

ACTIVE GROUND

INACTIVE OPEN CIRCUIT

OPEN CIRCUIT

OPEN CIRCUIT OPEN CIRCUIT "R", "N", "D", "3", "2": 5V "R", "N", "D", "3", "2": 5V

OPEN CIRCUIT
"P", "N", "D", "3", "2": OPEN CIRCUIT
"P", "R", "N": OPEN CIRCUIT
"R", "N", "D", "3", "2": OPEN CIRCUIT
"P", "R", "D", "3", "2": OPEN CIRCUIT
"R", "N", "D", "3", "2": OPEN CIRCUIT
"R", "N", "D", "3", "2": OPEN CIRCUIT
GROUND GROUND

GROUND
"P", "R", "N": OPEN CIRCUIT
"R", "D", "3", "2": 5V

TRANSMISSION ECU

TITAL COLOR	201011 200	
CODE	IN / OUT	CIRCUIT
GB5-1	IN	IGNITION SWITCHED POWER
GB5-2	OUT	OUTPUT SHAFT SPEED SENSOR
GB5-3	IN	ENGINE SPEED SIGNAL
GB5-4	OUT	SOLENOID VALVE (FORWARD DRIVE)
GB5-6	IN	PRESSURE REGULATOR VALVE SOLENOID
GB5-7	OUT	POWER GROUND
GB5-8	IN	THROTTLE POTENTIOMETER WIPER
GB5-9	OUT	LOGIC GROUND
GB5-14	IN	GEAR POSITION SELECTOR
GB5-15	OUT	DIAGNOSTIC SOCKET
GB5-16	OUT	INSTRUMENT PACK HAZARD DISPLAY
GB5-19	OUT	SOLENOID VALVE SUPPLY POWER
GB5-20		SPEED SENSOR SCREEN
GB5-21	IN	INJECTOR TIME INPUT
GB5-24	IN	SOLENOID VALVE (2ND)
GB5-25		ENGINE MANAGEMENT INPUT
GB5-26	OUT	POWER GROUND
GB5-32	IN	ENGINE MANAGEMENT INPUT
GB5-33	IN	GEAR POSITION SELECTOR
GB5-38	IN	OUTPUT SHAFT SPEED SENSOR
GB5-39	IN	BATTERY POWER
	IN	KICKDOWN SWITCH
GB5-42	OUT	SOLENOID VALVE (LOCKUP)
GB5-43	IN	MODE SWITCH SELECT
GB5-44	IN	THROTTLE POTENTIOMETER GROUND
GB5-45		THROTTLE POTENTIOMETER POWER
GB5-49		SPORT MODE SIGNAL
GB5-50	IN .	GEAR POSITION SELECT"P"
GB5-51	OUT	DIAGNOSTIC SOCKET

ACTIVE

12V PULSED SIGNAL GROUND GROUND GROUND 240MV-4.9V GROUND "R": GROUND GROUND PULSED SIGNAL 12V GROUND PULSED SIGNAL GROUND PULSED SIGNAL GROUND PULSED SIGNAL "D" RANGE: GROUND PULSED SIGNAL 12V GROUND LOCKUP: GROUND SPORT: GROUND GROUND SV 5V SPORT MODE: 5V "P": GROUND GROUND

INACTIVE

0V 0V 0V OPEN CIRCUIT GROUND GROUND 0V GROUND "P", "N", "D", "3", "2": OPEN CIRCUIT GROUND 0V GROUND OV OPEN CIRCUIT GROUND 0V "P", "R", "N": OPEN CIRCUIT 0V 12V 5V OPEN CIRCUIT NORMAL: 5V OPEN CIRCUIT NORMAL: 0V "R", "N", "D", "3", "2": OPEN CIRCUIT GROUND

BATTERY POWER

FIG 1



FIG 2

IGNITION SWITCHED GROUND

FIG 3





