

# FIG 13 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
WINDOW LIFT MOTOR - DRIVER'S	DRIVER'S DOOR	REMOVE TRIM
WINDOW LIFT MOTOR - PASSENGER'S	PASSENGER'S DOOR	REMOVE TRIM
WINDOW SWITCH - DRIVER'S	CENTER CONSOLE, LEFT	—
WINDOW SWITCH - PASSENGER'S	CENTER CONSOLE, RIGHT	—

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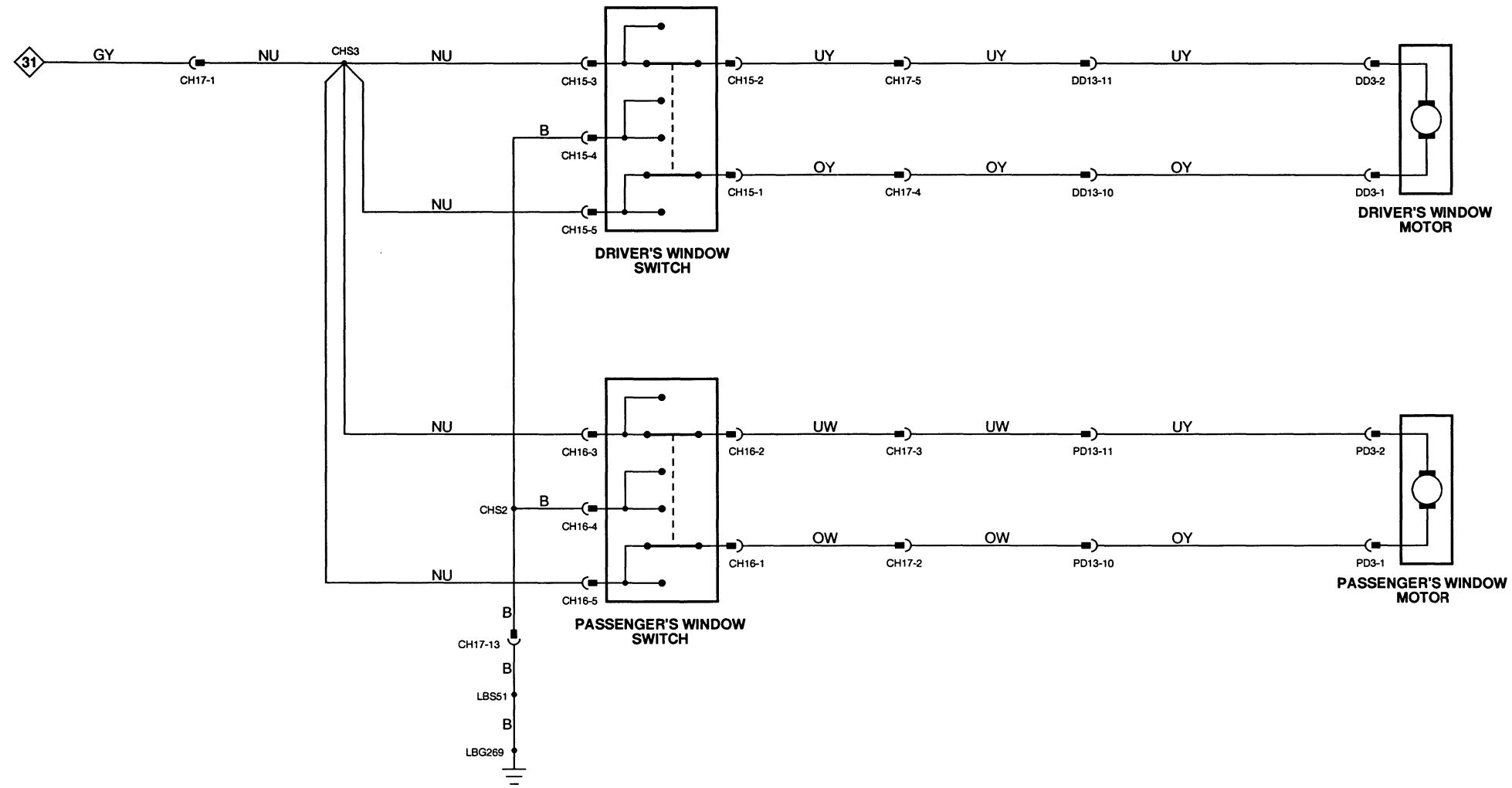
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CH15	6-WAY AMP (WHITE)	CENTER CONSOLE / DRIVER'S WINDOW SWITCH
CH16	6-WAY AMP (WHITE)	CENTER CONSOLE / PASSENGER'S WINDOW SWITCH
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER CONSOLE HARNESS
DD3	3-WAY PM 5 (BLACK)	DRIVER'S DOOR / DRIVER'S WINDOW LIFT MOTOR
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
PD3	3-WAY PM 5 (BLACK)	PASSENGER'S DOOR / PASSENGER'S WINDOW LIFT MOTOR
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS

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## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

◇ FIG NUMBER REFERENCE

# FIG 14 DATA

## COMPONENTS

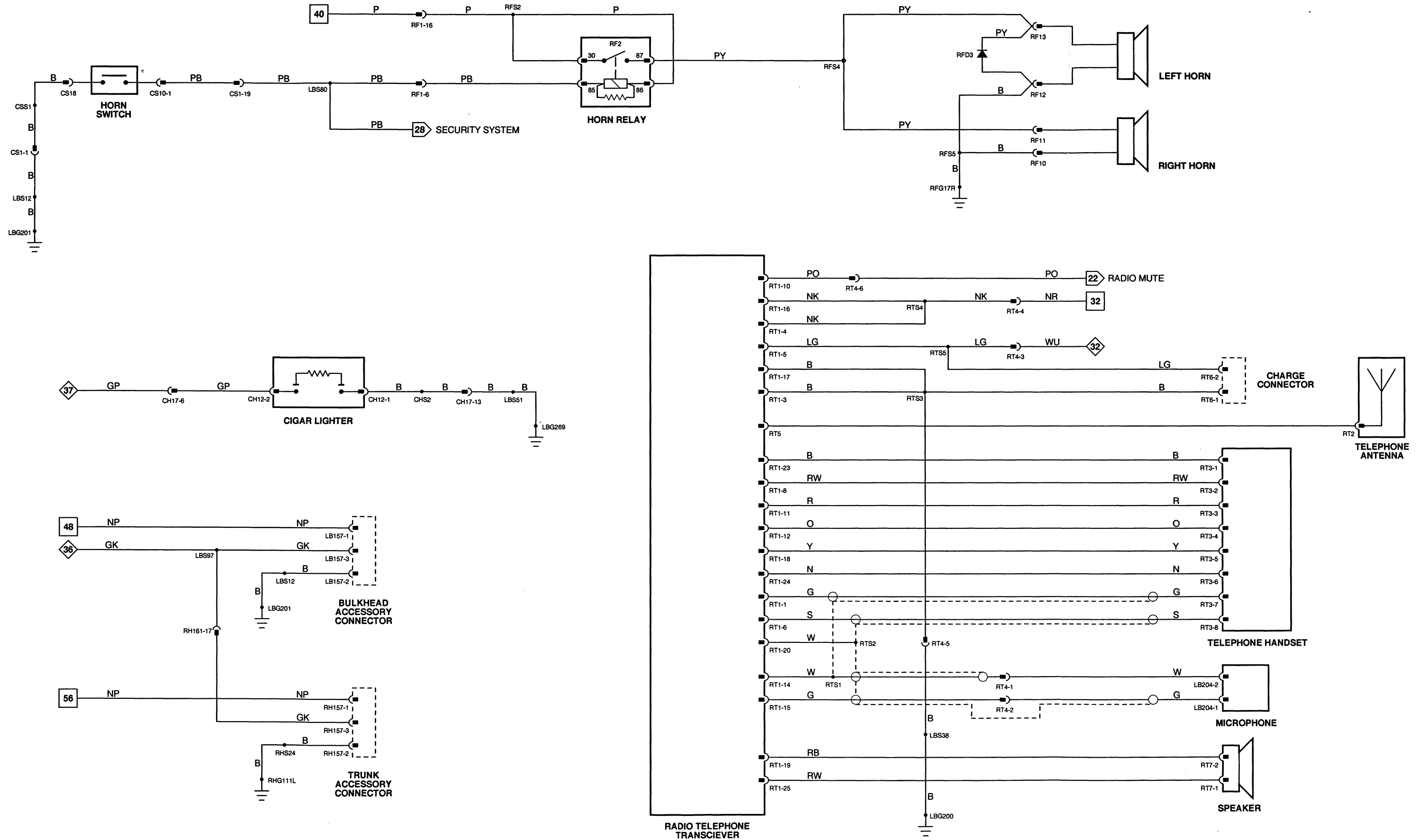
DESCRIPTION	LOCATION	ACCESS
ACCESSORY CONNECTOR - BULKHEAD (LB157)	BELOW LOWER RIGHT A/C OUTLET	REMOVE RIGHT SIDE CHECK PANEL
ACCESSORY CONNECTOR - TRUNK (RH157)	BEHIND LEFT TAIL LIGHT	LEFT TRUNK TRIM PANEL
CIGAR LIGHTER	CENTER CONSOLE	—
DIODE - RFD3	6" FROM LEFT HORN IN HARNESS	—
HORN SWITCH	STEERING WHEEL	—
HORN - LEFT	BELOW FRONT BUMPER, CENTER LEFT	—
HORN - RIGHT	BELOW FRONT BUMPER, CENTER RIGHT	—
RELAY - HORN (RF2)	RIGHT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, RIGHT
TELEPHONE ANTENNA	REAR WINDOW GLASS	TRUNK
TELEPHONE CHARGE CONNECTOR	CENTER CONSOLE	—
TELEPHONE HANDSET	CENTER CONSOLE	—
TELEPHONE MICROPHONE	LEFT 'A' POST AT WINDSHIELD	—
TELEPHONE SPEAKER	CENTER CONSOLE	—
TELEPHONE TRANSCEIVER	TRUNK BELOW BATTERY	BATTERY TRIM COVER

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CH12	2-WAY .250 BLADE (BLACK)	CENTER CONSOLE / CIGAR LIGHTER
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER CONSOLE HARNESS
CS1	24-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS10	1-WAY RIST (BLACK)	HORN CONTACT / HORN RING
CS18	SOCKET	STEERING COLUMN / HORN GROUNDING RING
LB157	4-WAY SUMITOMO STANDARD (WHITE)	BELOW LOWER RIGHT A/C OUTLET / BULKHEAD ACCESSORY CONNECTOR
LB204	SPADE (BLACK)	LEFT 'A' POST, HALFWAY UP / TELEPHONE MICROPHONE
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RF HARNESS
RF2	RELAY BASE (BLACK)	RIGHT FRONT COMPONENT PANEL / HORN RELAY
RF10	.250 BLADE (BLACK)	RIGHT FRONT HORN / HORN
RF11	.250 BLADE (BLACK)	RIGHT FRONT HORN / HORN
RF12	.250 BLADE (BLACK)	LEFT FRONT HORN / HORN
RF13	.250 BLADE (BLACK)	LEFT FRONT HORN / HORN
RH160	24-WAY SUMITOMO BLACK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RT2	1-WAY SPADE (BLACK)	ABOVE LEFT REAR WHEEL ARCH / TELEPHONE ANTENNA
RT3	8-WAY STANDARD PHONE JACK (BLACK)	CENTER CONSOLE BELOW CUBBY BOX / TELEPHONE HANDSET
RT4	12-WAY MULTILOCK 40 (BLACK)	BEHIND SPARE TIRE, FUEL TANK TRIM / REARWARD HARNESS
RT6	2-WAY MULTILOCK 40 (BLUE)	CENTER CONSOLE BELOW GLOVE BOX / CHARGER CONNECTION
RT7	2-WAY MULTILOCK 40 (BLUE)	CENTER CONSOLE BELOW GLOVE BOX / TELEPHONE SPEAKER

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL
RFG17R	EYELET	FRONT RIGHT INNER FENDER BEHIND HORN RELAY / POWER GROUND
RHG111R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

◇ FIG NUMBER REFERENCE

# FIG 15 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH PACK - DRIVER'S	DRIVER'S DOOR	REMOVE TRIM
DOOR SWITCH - DRIVER'S	LEFT 'A' POST	LEFT UNDER DASH PANEL
LUMBAR PUMP - DRIVER'S	DRIVER'S SEAT BACK	—
MIRROR ADJUST SWITCH PACK	RIGHT OF STEERING COLUMN ON FASCIA	LEFT UNDER DASH PANEL
MIRROR - DRIVER'S	DRIVER'S DOOR	—
MIRROR - PASSENGER'S	PASSENGER'S DOOR	—
RELAY - REVERSE LIGHTS (RH184)	ABOVE RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM PANEL
SEAT AND MIRROR CONTROL MODULE - DRIVER'S	FRONT OF DRIVER'S SEAT	REMOVE FOOTWELL COVER
SEAT MOTORS - DRIVER'S	BASE OF SEAT FRAME	REMOVE LOWER SEAT CUSHION
TRANSMISSION ROTARY SWITCH	LEFT SIDE OF GEARBOX	ON GEARBOX

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD4	14-WAY SUMITOMO BLOCK (SLATE)	DRIVER'S DOOR / DRIVER'S DOOR SWITCH PACK
DD12	13-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / DD HARNESS
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT INNER 'A' POST / DD HARNESS
DS1	24-WAY SUMITOMO BLOCK (WHITE)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
DS2	48-WAY AMP PCB SIGNAL (BLACK)	UNDER CARPET, FRONT OF DRIVER'S SEAT / DRIVER'S SEAT AND MIRROR CONTROL MODULE
DS3	12-WAY AMP PCB POWER (BLACK)	UNDER CARPET, FRONT OF DRIVER'S SEAT / DRIVER'S SEAT AND MIRROR CONTROL MODULE
DS6	16-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
DSM1	20-WAY AMP PCB POWER (BLACK)	FRONT OF DRIVER'S SEAT / CONTROL MODULE OUTPUT TO SEAT MOTORS
DSM6	3-WAY MULTILOCK 70 (YELLOW)	BELOW DRIVER'S SEAT PAD / DRIVER'S SEAT LUMBAR PUMP
GH9	16-WAY SUMITOMO BLOCK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / GEARBOX HARNESS
GH11	12-WAY MULTILOCK 40 (BLACK)	BELOW LOWER LEFT A/C OUTLET / TRANSMISSION ROTARY SWITCH
GH12	8-WAY MULTILOCK 70 (WHITE)	BELOW LOWER RIGHT A/C OUTLET / TRANSMISSION ROTARY SWITCH
GH14	2-WAY MULTILOCK 70 (WHITE)	BELOW LOWER RIGHT A/C OUTLET / TRANSMISSION ROTARY SWITCH
LB171	8-WAY MULTI-PLUG (BLACK)	BEHIND MIRROR CONTROL SWITCH / MIRROR ADJUST SWITCH PACK
LB188	2-WAY SUMITOMO STD. (WHITE)	LEFT UNDER DASH PANEL 8" FROM 'A' POST / DRIVER'S DOOR SWITCH
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT INNER 'A' POST / PD HARNESS
RH180	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH184	RELAY BASE (BLUE)	ABOVE RIGHT REAR WHEEL ARCH / REVERSE LIGHTS RELAY
SM5	6-WAY MULTILOCK 70 (WHITE)	BELOW DRIVER'S SEAT PAD / DRIVER'S SEAT RECLINE MOTOR
SM7	6-WAY MULTILOCK 70 (SLATE)	BELOW DRIVER'S SEAT PAD / DRIVER'S SEAT FORE/AFT MOTOR

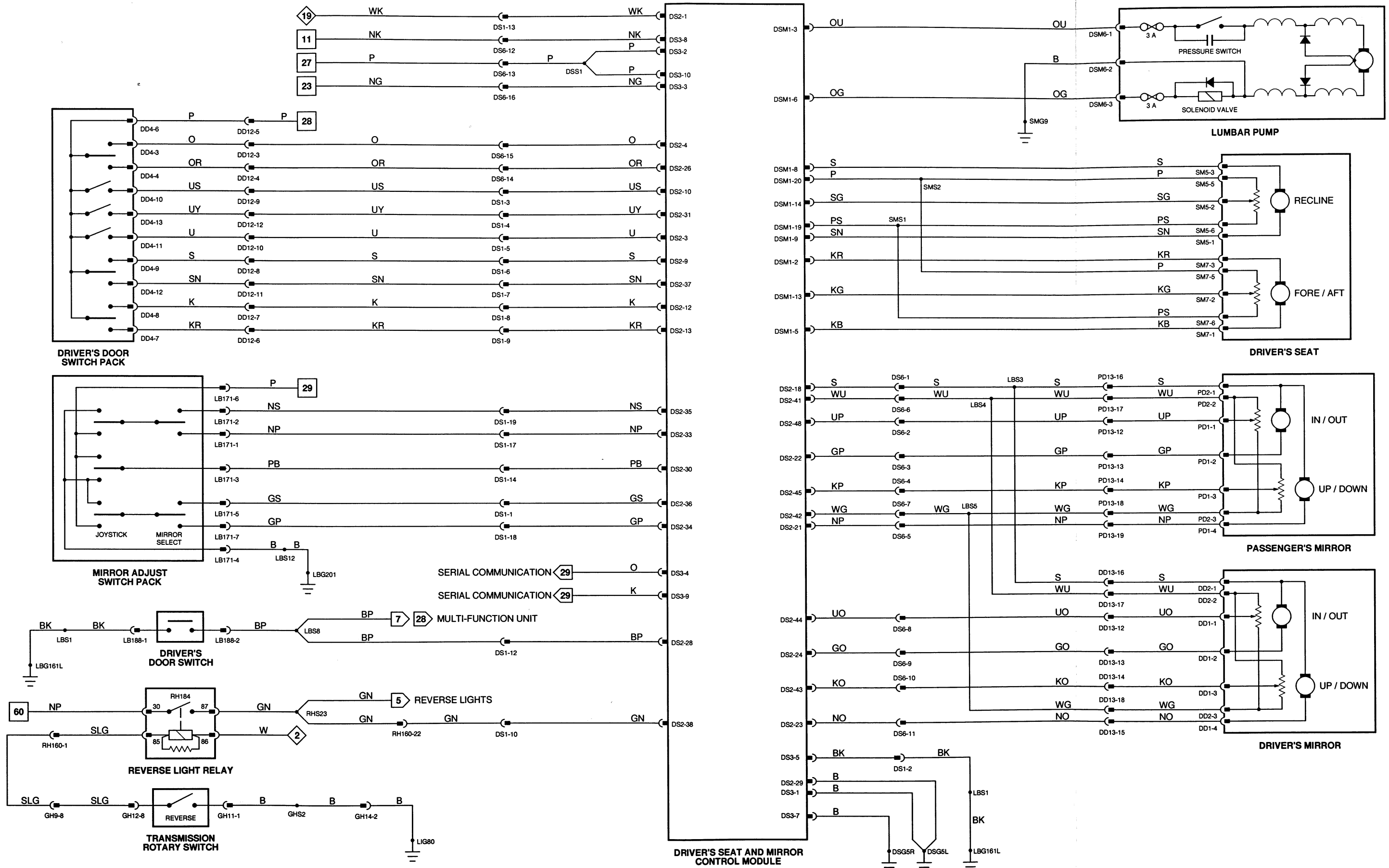
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
DSG5L	EYELET	DRIVER'S FOOTWELL, LEFT FRONT OF SEAT SUPPORT / POWER GROUND
DSG5R	EYELET	DRIVER'S FOOTWELL, LEFT FRONT OF SEAT SUPPORT / POWER GROUND
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL BY A/C SUPPORT / LOGIC GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LIG80	EYELET	ENGINE COMPARTMENT, BEHIND ABS PUMP ON BULKHEAD / POWER GROUND
SMG9	EYELET	DRIVER'S FOOTWELL, FRONT LEFT OF SEAT SUPPORT / POWER GROUND

## INPUTS / OUTPUTS

### DRIVER'S SEAT AND MIRRORS CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
DS2-1	INPUT	IGNITION SWITCHED POWER	12V	0V
DS2-3	INPUT	SEAT MEMORY "M"	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-4	INPUT	DRIVER'S SEAT BACK RECLINE	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-9	INPUT	DRIVER'S LUMBAR PUMP DEFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-10	INPUT	SEAT MEMORY "1"	12V	0V
DS2-12	INPUT	DRIVER'S SEAT MOTOR AFT	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-13	INPUT	DRIVER'S SEAT MOTOR FORWARD	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-18	OUTPUT	PASSENGER'S MIRROR MOTOR DRIVE	IN OR DOWN POSITION: 12V	0V
DS2-21	OUTPUT	PASSENGER'S MIRROR MOTOR DRIVE	IN OR UP POSITION: 12V	0V
DS2-22	OUTPUT	PASSENGER'S MIRROR MOTOR DRIVE	DOWN OR OUT POSITION: 12V	0V
DS2-23	OUTPUT	DRIVER'S MIRROR MOTOR DRIVE	UP OR OUT POSITION: 12V	0V
DS2-24	OUTPUT	DRIVER'S MIRROR MOTOR DRIVE	IN OR DOWN POSITION: 12V	0V
DS2-26	INPUT	DRIVER'S SEAT BACK UP	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-28	INPUT	DRIVER'S 'A' POST SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
DS2-29	OUTPUT	POWER GROUND	GROUND	GROUND
DS2-30	INPUT	("REVERSE SELECT") MIRROR MOTOR DRIVE	MIRROR BUTTON PRESSED: 12V	BUTTON RELEASED: 0V
DS2-31	INPUT	SEAT MEMORY "2"	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-33	INPUT	DRIVER'S MIRROR UP	12V	0V
DS2-34	INPUT	DRIVER'S MIRROR IN	12V	0V
DS2-35	INPUT	PASSENGER'S MIRROR UP	12V	0V
DS2-36	INPUT	PASSENGER'S MIRROR OUT	12V	0V
DS2-37	INPUT	DRIVER'S LUMBAR PUMP INFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
DS2-38	INPUT	REVERSE SWITCH	"R" SELECTED: 12V	0V
DS2-41	OUTPUT	MIRROR POTENTIOMETER REF. VOLTAGE	"M" DEPRESSED: APPROX. 4.5V	0V
DS2-42	OUTPUT	MIRROR POTENTIOMETER GROUND	GROUND	GROUND
DS2-43	INPUT	DRIVER'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL UP: APPROX. 4.5V	DOWN: .3V
DS2-44	INPUT	DRIVER'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL OUT: APPROX. 1V	IN: 3.5V
DS2-45	INPUT	PASSGR'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL UP: APPROX. 4.5V	DOWN .3V
DS2-48	INPUT	PASSGR'S MIRROR POTENTIOMETER SWEEP	MIRROR FULL OUT: APPROX. 3.5V	IN: 1V
DS3-1	INPUT	POWER GROUND	GROUND	GROUND
DS3-2	INPUT	BATTERY POWER	12V	12V
DS3-3	INPUT	BATTERY POWER	12V	12V
DS3-4	OUTPUT	DIAGNOSTIC SOCKET	—	—
DS3-5	INPUT	POWER GROUND	GROUND	GROUND
DS3-7	INPUT	POWER GROUND	GROUND	GROUND
DS3-8	INPUT	BATTERY POWER	12V	12V
DS3-9	OUTPUT	DIAGNOSTIC SOCKET	—	—
DS3-10	INPUT	BATTERY POWER	12V	12V
SM1-2	OUTPUT	DRIVER'S SEAT FORE/AFT MOTOR	12V	0V
SM1-3	OUTPUT	DRIVER'S LUMBAR PUMP	12V	0V
SM1-5	OUTPUT	DRIVER'S SEAT FORE/AFT MOTOR	12V	0V
SM1-6	OUTPUT	DRIVER'S LUMBAR PUMP	12V	0V
SM1-8	OUTPUT	DRIVER'S SEAT RECLINE MOTOR	12V	0V
SM1-9	OUTPUT	DRIVER'S SEAT RECLINE MOTOR	12V	0V
SM1-13	INPUT	DRIVER'S SEAT FORE/AFT POTENTIOMETER	FULL BACK: APPROX. 0.3V	FORWARD: 4.0V
SM1-14	INPUT	DRIVER'S SEAT RECLINE POTENTIOMETER	RECLINED: 4.0V	VERTICAL: 1.0V
SM1-19	OUTPUT	DRIVER'S SEAT POTENTIOMETER REFERENCE GROUND	GROUND	GROUND
SM1-20	OUTPUT	DRIVER'S SEAT POTENTIOMETER REFERENCE VOLTAGE	"M" DEPRESSED: APPROX. 4.5V	0V



# FIG 16 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH - PASSENGER'S	RIGHT 'A' POST	RIGHT UNDER DASH PANEL
DOOR SWITCH PACK - PASSENGER'S	PASSENGER'S DOOR	REMOVE TRIM
LUMBAR PUMP - PASSENGER'S	PASSENGER'S SEAT BACK	—
SEAT CONTROL MODULE - PASSENGER'S	IN FRONT OF PASSENGER'S SEAT	REMOVE FOOTWELL COVER
SEAT MOTORS - PASSENGER'S	BASE OF SEAT FRAME	REMOVE LOWER SEAT CUSHION

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LB140	2-WAY SUMITOMO STD. (WHITE.)	LEFT UNDER DASH PANEL 6" FROM DOOR SWITCH / PASSENGER'S DOOR SWITCH
PD4	14-WAY SUMITOMO BLOCK (SLATE)	BEHIND PASSENGER'S DOOR TRIM / PASSENGER'S DOOR SWITCH PACK
PD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PS1	18-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PS2	48-WAY AMP PCB SIGNAL (BLACK)	UNDER CARPET, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL MODULE
PS3	12-WAY AMP PCB POWER (BLACK)	UNDER CARPET, FRONT OF PASSENGER'S SEAT / PASSENGER'S SEAT CONTROL MODULE
SN1	12-WAY AMP PCB POWER (YELLOW)	FRONT OF PASSENGER'S SEAT / CONTROL MODULE OUTPUT TO SEAT MOTORS
SN5	6-WAY MULTILOCK 70 (WHITE)	BELOW PASSENGER'S SEAT PAD / PASSENGER'S SEAT RECLINE MOTOR
SN6	3-WAY PM 5 (YELLOW)	BELOW PASSENGER'S SEAT PAD / PASSENGER'S SEAT LUMBAR PUMP
SN7	6-WAY MULTILOCK 70 (SLATE)	BELOW PASSENGER'S SEAT PAD / PASSENGER'S SEAT FORE/AFT MOTOR

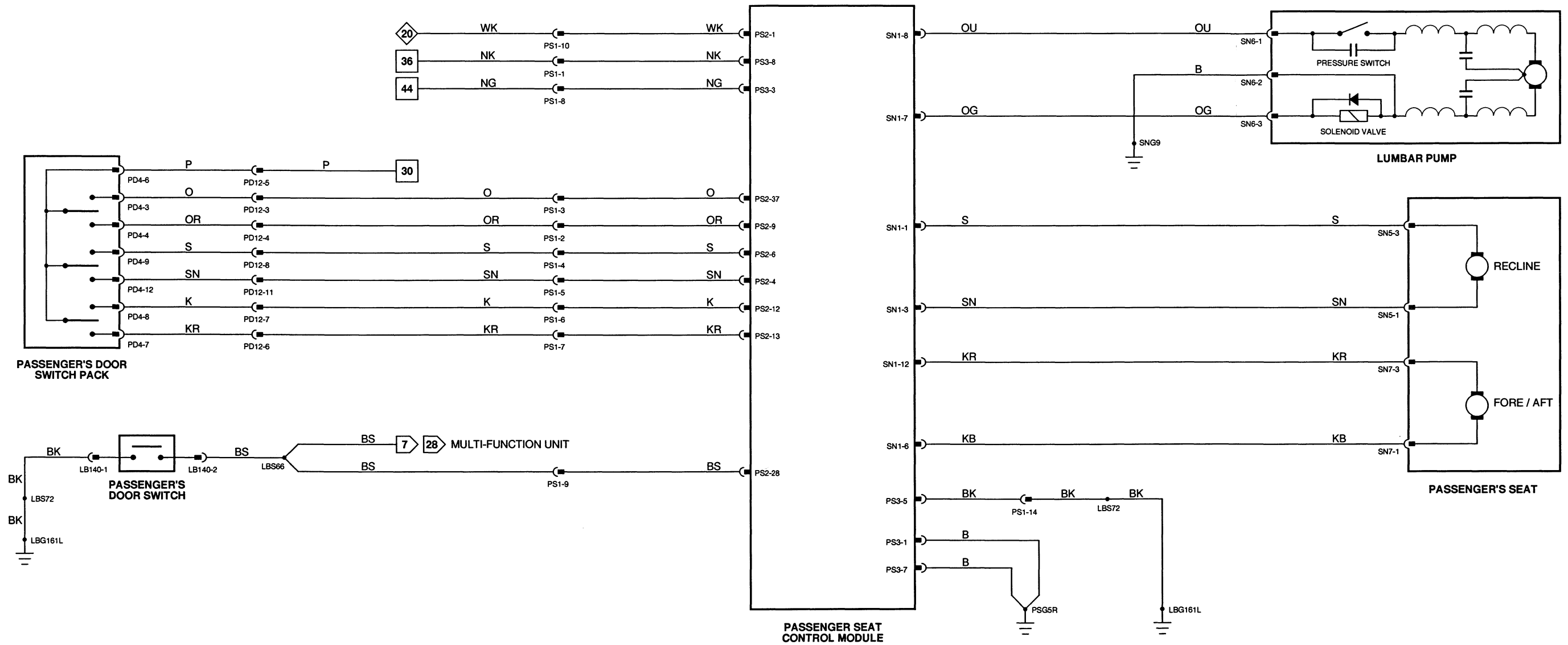
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
PSG5R	EYELET	PASSENGER'S FOOTWELL, FRONT RIGHT OF SEAT SUPPORT / POWER GROUND
SGN9	EYELET	PASSENGER'S FOOTWELL, FRONT RIGHT OF SEAT SUPPORT / POWER GROUND

## INPUTS / OUTPUTS

### PASSENGER'S SEAT CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
PS2-1	INPUT	IGNITION SWITCHED POWER	12V	0V
PS2-4	INPUT	PASSENGER'S LUMBAR PUMP INFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-5	INPUT	POWER GROUND	GROUND	GROUND
PS2-6	INPUT	PASSENGER'S LUMBAR PUMP DEFLATE	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-9	INPUT	PASSENGER'S SEAT BACK UP SWITCH	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-12	INPUT	PASSENGER'S SEAT AFT SWITCH	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-13	INPUT	PASSENGER'S SEAT FORWARD SWITCH	BUTTON IN: 12V	BUTTON OUT: 0V
PS2-28	INPUT	PASSENGER'S 'A' POST SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
PS2-37	INPUT	PASSENGER'S SEAT BACK RECLINE	BUTTON IN: 12V	BUTTON OUT: 0V
PS3-1	INPUT	POWER GROUND	GROUND	GROUND
PS3-3	INPUT	BATTERY POWER	12V	12V
PS3-5	INPUT	LOGIC GROUND	GROUND	GROUND
PS3-7	INPUT	POWER GROUND	GROUND	GROUND
PS3-8	INPUT	BATTERY POWER	12V	12V
SN1-1	OUTPUT	PASSENGER'S SEAT RECLINE MOTOR	12V	0V
SN1-3	OUTPUT	PASSENGER'S SEAT RECLINE MOTOR	12V	0V
SN1-6	OUTPUT	PASSENGER'S SEAT FORE/AFT MOTOR	12V	0V
SN1-7	OUTPUT	PASSENGER'S LUMBAR PUMP	12V	0V
SN1-8	OUTPUT	PASSENGER'S LUMBAR PUMP	12V	0V
SN1-12	OUTPUT	PASSENGER'S SEAT FORE/AFT MOTOR	12V	0V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▤ FIG NUMBER REFERENCE



# FIG 17 DATA

## COMPONENTS

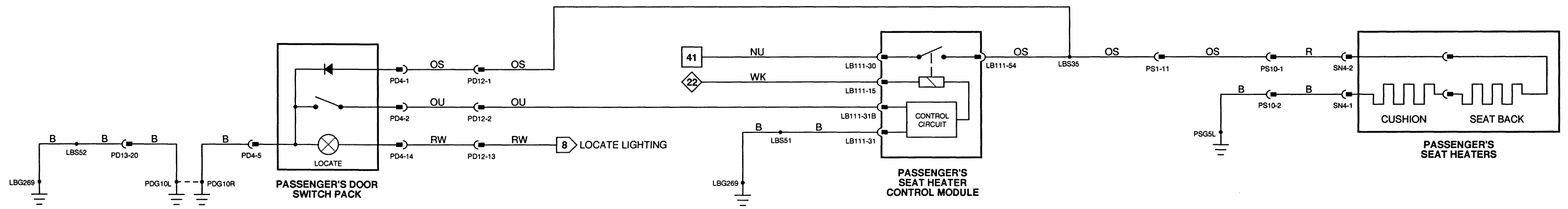
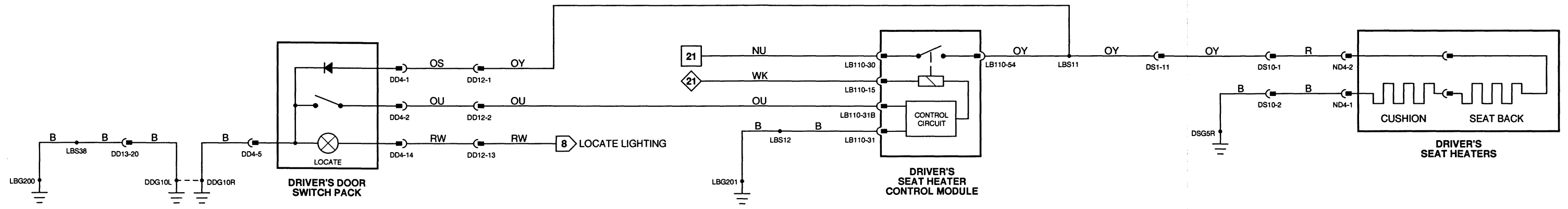
DESCRIPTION	LOCATION	ACCESS
DOOR SWITCH PACK - DRIVER'S	DRIVER'S DOOR	REMOVE TRIM
DOOR SWITCH PACK - PASSENGER'S	PASSENGER'S DOOR	REMOVE TRIM
SEAT HEATER CONTROL MODULE - DRIVER'S	LEFT COMPONENT PANEL	DRIVER'S UNDER DASH PANEL
SEAT HEATER CONTROL MODULE - PASSENGER'S	RIGHT COMPONENT PANEL	PASSENGER'S UNDER DASH PANEL
SEAT HEATERS - DRIVER'S	DRIVER'S SEAT CUSHION	
SEAT HEATERS - PASSENGER'S	PASSENGER'S SEAT CUSHION	

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD4	14-WAY SUMITOMO BLOCK (SLATE)	DRIVER'S DOOR / DRIVER'S DOOR SWITCH PACK
DD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE LEFT 'A' POST / DRIVER'S DOOR HARNESS
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
DS10	4-WAY MULTILOCK 70 (WHITE)	BELOW DRIVER'S SEAT / SEAT HEATER ELEMENT
LB110	RELAY BASE (WHITE)	LEFT COMPONENT PANEL / DRIVER'S SEAT HEATER CONTROL MODULE
LB111	RELAY BASE (WHITE)	RIGHT COMPONENT PANEL / PASSENGER'S SEAT HEATER CONTROL MODULE
ND4	4-WAY MULTILOCK 70 (WHITE)	BELOW DRIVER'S SEAT / SEAT HEATER ELEMENT
PD4	14-WAY SUMITOMO BLOCK (SLATE)	PASSENGER'S DOOR / PASSENGER'S DOOR SWITCH PACK
PD12	13-WAY SUMITOMO BLOCK (RED)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
PS1	16-WAY SUMITOMO BLOCK (WHITE)	INSIDE RIGHT 'A' POST / PASSENGER DOOR HARNESS
PS10	4-WAY MULTILOCK 70 (WHITE)	BELOW PASSENGER'S SEAT / SEAT HEATER ELEMENT
SN4	4-WAY MULTILOCK 70 (WHITE)	BELOW PASSENGER'S SEAT / SEAT HEATER ELEMENT

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
DDG10L	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
DDG10R	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
DSG5R	EYELET	DRIVER'S FOOTWELL, LEFT FRONT OF SEAT SUPPORT / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
PDG10L	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
PDG10R	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
PSG5L	EYELET	PASSENGER'S FOOTWELL, RIGHT FRONT OF SEAT SUPPORT / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 18 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
HEATED REAR WINDOW SWITCH*	LEFT OF STEERING COLUMN	SNAP IN BEZEL
MULTI-FUNCTION UNIT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - HEATED REAR WINDOW (LB132)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL

\* FOG LIGHT SWITCHES AND HAZARD / HEATED REAR WINDOW SWITCH LOCATIONS DIFFER DEPENDENT ON INSTALLED OPTIONS. CONNECTOR, PIN AND WIRE INFORMATION REMAINS THE SAME FOR ALL OPTIONS.

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
DD2	6-WAY SUMITOMO SEALED (GREEN)	INNER DRIVER'S DOOR BELOW MIRROR / DRIVER'S MIRROR HEATER
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DD HARNESS
LB132	RELAY BASE (BLUE)	LEFT COMPONENT PANEL / HEATED REAR WINDOW RELAY
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI-FUNCTION UNIT
LB176	10-WAY MULTILOCK 70 (WHITE)	BEHIND HEATED REAR WINDOW SWITCH / HEATED REAR WINDOW SWITCH
PD2	6-WAY SUMITOMO SEALED (GREEN)	INNER PASSENGER'S DOOR BELOW MIRROR / PASSENGER'S MIRROR HEATER
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH110	.250 BLADE (BLACK)	HEATED REAR WINDOW GRID / WINDOW ELEMENT
RH151	.250 BLADE (BLACK)	HEATED REAR WINDOW GRID / WINDOW ELEMENT
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

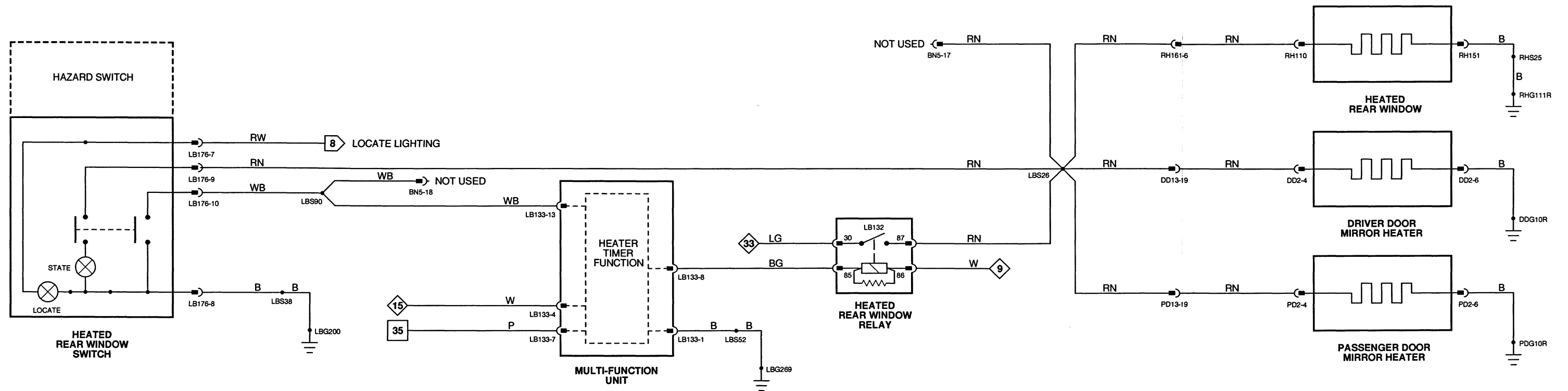
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
DDG10L	EYELET	DRIVER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
LBG200	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
PDG10L	EYELET	PASSENGER'S DOOR PANEL BEHIND SWITCH PACK / POWER GROUND
RHG111R	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND

## INPUTS / OUTPUTS

### MULTI-FUNCTION UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-8	OUTPUT	HEATED REAR WINDOW RELAY	HEATER ON: GROUND	HEATER OFF: 12V
LB133-13	INPUT	HEATED REAR WINDOW SWITCH	SWITCH PRESSED: GROUND	SWITCH RELEASED: 12V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 19 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AMBIENT TEMPERATURE SENSOR	IN FRONT OF A/C CONDENSER, RIGHT	BELOW FRONT BUMPER
WIPER SWITCH	RIGHT STEERING COLUMN	REMOVE COLUMN TRIM
WIPER LOGIC MODULE	BEHIND RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
WIPER MOTOR UNIT	FRONT PLENUM	REMOVE COWL
WASHER PUMPS	RIGHT FRONT INNER FENDER	INNER FENDER TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / COLUMN SWITCH GEAR HARNESS
CS4	4-WAY SUMITOMO STD. (RED)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH
CS13	.250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: FLICK
CS14	.250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: FAST
CS15	.250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: FLICK
CS16	.250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: DELAY
CS17	.250 BLADE (WHITE)	STEERING COLUMN ABOVE IGNITION SWITCH / WIPER SWITCH: NORMAL
LB148	16-WAY SUMITOMO BLOCK (WHITE)	BEHIND RIGHT 'A' POST / WIPER LOGIC MODULE
LB149	THREADED 12-WAY AMP (BLACK)	BELOW WIPER PLENUM / WIPER MOTOR
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF2	13-WAY SUMITOMO BLOCK (WHITE)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF17	3-WAY PM 5 (BROWN)	FRONT OF A/C CONDENSER, CENTER / AMBIENT TEMP. SENSOR
RF1	20-WAY SUMITOMO BLOCK (RED)	RIGHT 'A' POST / RIGHT FORWARD HARNESS
RF26	4-WAY SUMITOMO SEALED (GREEN)	MOUNTING BRACKET BEHIND RF HEADLIGHT / WASHER PUMP

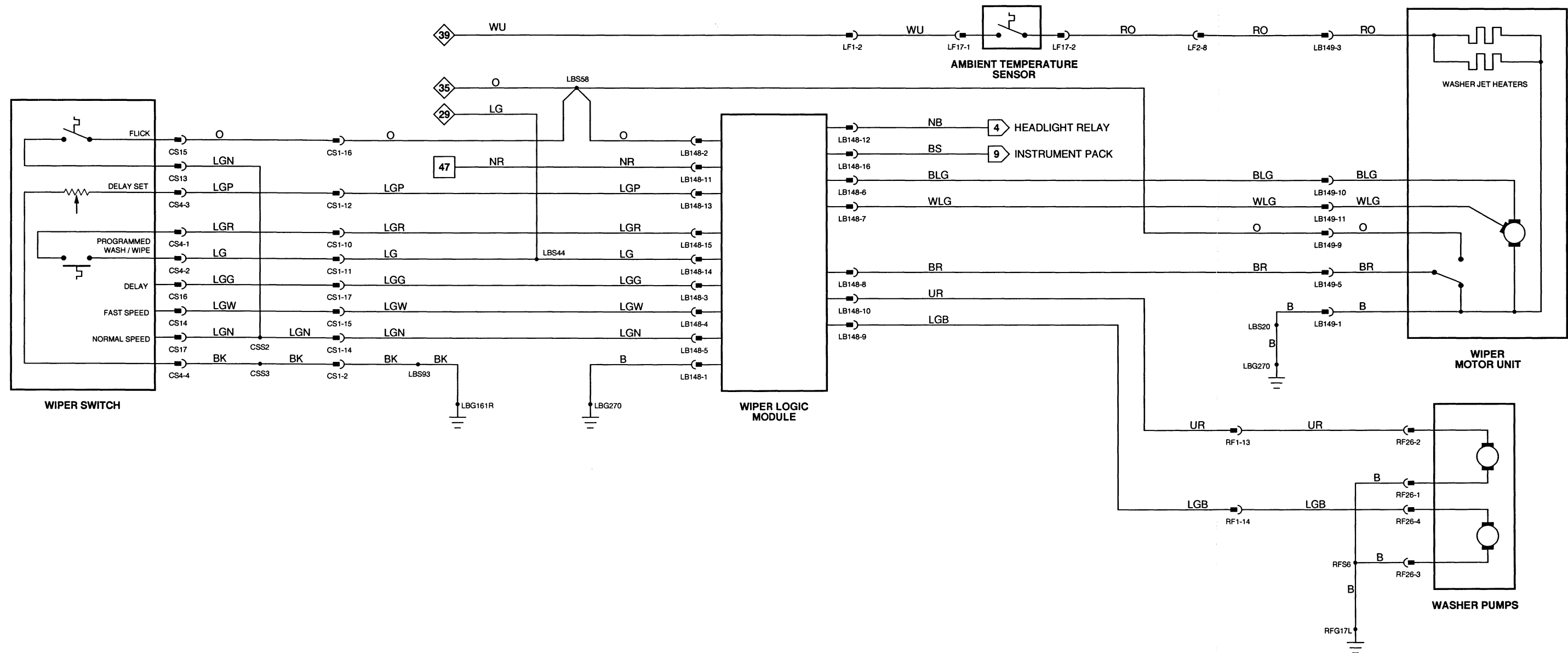
## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161R	EYELET	LEFT TRANSMISSION TUNNEL, ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG270	EYELET	RIGHT 'A' POST FASCIA END POST / POWER GROUND
LFG17L	EYELET	LEFT FRONT BULKHEAD, ENGINE COMPARTMENT / POWER GROUND

## INPUTS / OUTPUTS

### WIPER LOGIC MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB148-1	INPUT	LOGIC GROUND	GROUND	GROUND
LB148-2	INPUT	IGNITION SWITCHED POWER	12V	0V
LB148-3	INPUT	WINDSHIELD WIPER DELAY	12V	0V
LB148-4	INPUT	WINDSHIELD WIPER FAST SPEED	12V	0V
LB148-5	INPUT	WINDSHIELD WIPER NORMAL SPEED	12V	0V
LB148-6	OUTPUT	WINDSHIELD WIPER MOTOR NORMAL	12V	0V
LB148-7	OUTPUT	WINDSHIELD WIPER MOTOR FAST	12V	0V
LB148-8	INPUT	WINDSHIELD WIPER PARK	GROUND	12V
LB148-9	OUTPUT	WINDSHIELD WASHER PUMP	12V	OPEN CIRCUIT
LB148-10	OUTPUT	HEADLIGHT WASHER PUMP	12V	OPEN CIRCUIT
LB148-11	INPUT	BATTERY POWER	12V	12V
LB148-12	INPUT	HEADLIGHT RELAY	GROUND	12V
LB148-13	INPUT	DELAY SET	MIN. DELAY: 0.2V	MAX. DELAY: 10.5V
LB148-14	INPUT	IGNITION SWITCHED POWER	12V	0V
LB148-15	INPUT	WINDSHIELD PROGRAM WIPE	12V	OPEN CIRCUIT
LB148-16	INPUT	LOW WASHER FLUID	12V	OPEN CIRCUIT



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 20 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
ABS CONTROL MODULE COMPARTMENT	ENGINE COMPARTMENT, RIGHT REAR	ENGINE
STOP LIGHT SWITCH PANEL	ABOVE BRAKE PEDAL	LEFT UNDER DASH
WHEEL SPEED SENSORS	EACH WHEEL ASSEMBLY	BENEATH VEHICLE

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AB17	3-WAY AMP POWER BLOCK	BELOW LEFT A/C OUTLET / ABS PUMP AND CONTROL MODULE SUPPLY
AB18	8-WAY SUMITOMO STD. (RED)	BELOW LEFT A/C OUTLET / ABS HARNESS
AB20	28-WAY FORD GTE (SLATE)	ENGINE BAY, UNDER ABS MODULATOR / ABS CONTROL MODULE
AB21	2-WAY ECONOSEAL BLACK	LEFT FRONT INNER FENDER / LEFT FRONT WHEEL SPEED SENSOR
AB22	2-WAY ECONOSEAL (BLACK)	RIGHT FRONT INNER FENDER / RIGHT FRONT WHEEL SPEED SENSOR
AB23	2-WAY ECONOSEAL (BLACK)	BELOW LH REAR SEAT / LEFT REAR WHEEL SPEED SENSOR
AB24	2-WAY ECONOSEAL (BLACK)	BELOW RH REAR SEAT / RIGHT REAR WHEEL SPEED SENSOR
LB167	4-WAY SUMITOMO STD. (RED)	ABOVE BRAKE PEDAL / STOP LIGHT SWITCH

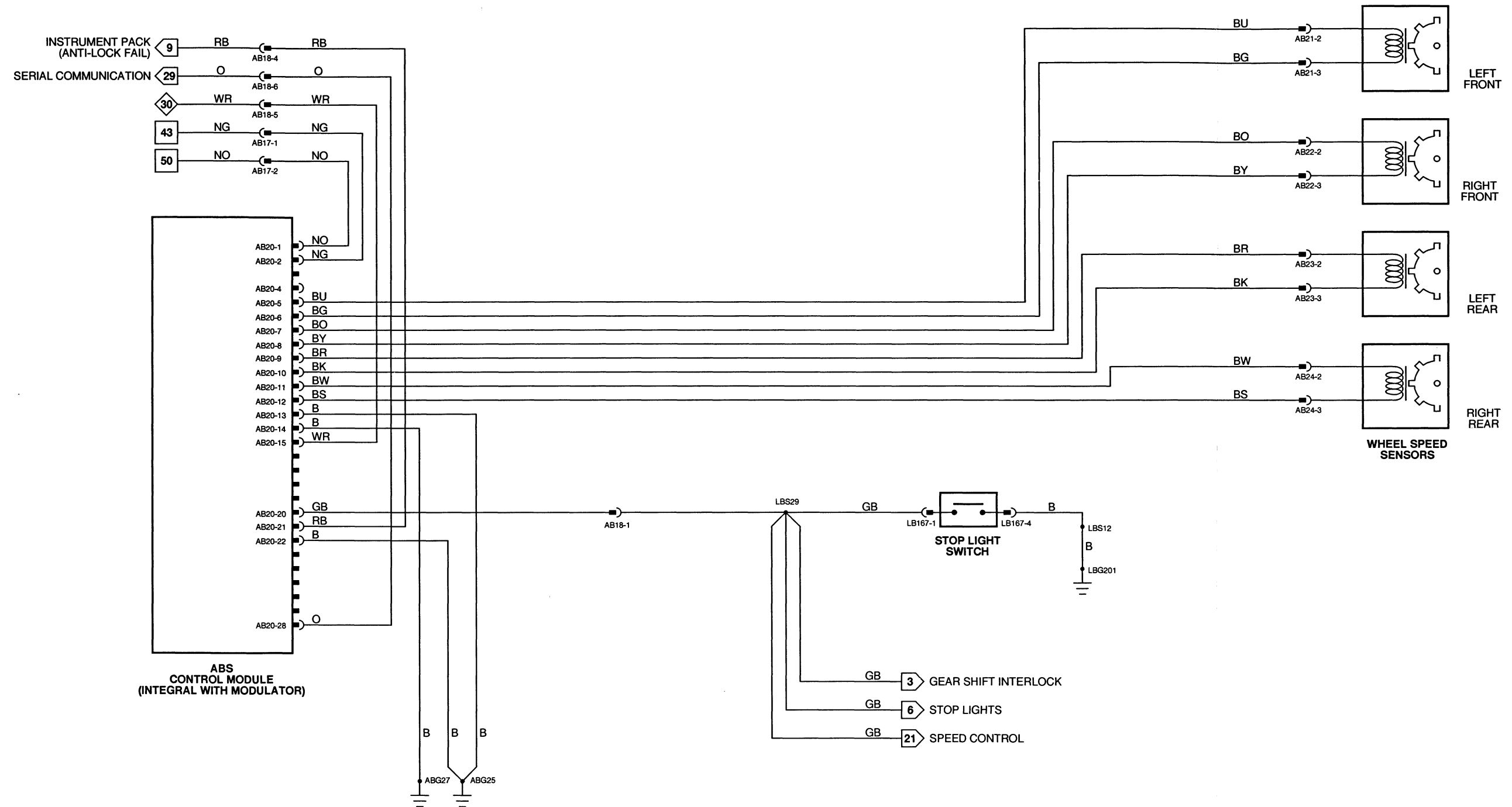
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
ABG25	EYELET	RIGHT FRONT BULKHEAD / POWER GROUND
ABG27	EYELET	LEFT BULKHEAD / POWER GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND

## INPUTS / OUTPUTS

### BRAKE (ABS) CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AB20-1	INPUT	BATTERY POWER SUPPLY	B+	
AB20-2	INPUT	BATTERY POWER SUPPLY	B+	
AB20-5	INPUT	LH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-6	INPUT	LH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-7	INPUT	RH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-8	INPUT	RH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-9	INPUT	LH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-10	INPUT	LH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-11	INPUT	RH FRONT WHEEL SPEED SENSOR	2.5 V @ 10 MPH (16 KPH) = 100 Hz; 20 MPH (32 KPH) = 200 Hz	
AB20-12	INPUT	RH FRONT WHEEL SPEED SENSOR GROUND	2.5 V (AT REST)	2.5 V
AB20-13	INPUT	GROUND	0V	0V
AB20-14	INPUT	GROUND	0V	0V
AB20-15	INPUT	IGNITION POWER SUPPLY	B+	
AB20-20	INPUT	BRAKE SWITCH INPUT	0V	B+
AB20-21	OUTPUT	ABS FAILURE LAMP	0V	B+
AB20-22	INPUT	GROUND	0V	0V
AB20-28	IN/OUT	SERIAL COMMUNICATIONS (BI-DIRECTIONAL)	PDU	PDU



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE



# FIG 21 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BRAKE SWITCH CONTROL VALVE DUMP VALVE GEAR SELECTOR SWITCH SPEED CONTROL MASTER SWITCH SPEED CONTROL MODULE SPEED CONTROL RESUME SWITCH (LIGHTING AND TURN SIGNAL SWITCH) SPEED INTERFACE UNIT SPEED SENSOR STOP LIGHT SWITCH	ABOVE BRAKE PEDAL LEFT FRONT INNER FENDER LEFT FRONT INNER FENDER GEAR SHIFT LINKAGE CENTER CONSOLE LEFT REAR TRUNK WHEEL ARCH LIGHTING AND TURN SIGNAL SWITCH  TRUNK BEHIND LEFT GAS STRUT SUPPORT DIFFERENTIAL COVER BRAKE PEDAL	LEFT UNDER DASH PANEL ENGINE COMPARTMENT ENGINE COMPARTMENT CENTER CONSOLE REMOVE TRIM TRUNK TRIM STEERING COLUMN TRIM  TRUNK TRIM BENEATH VEHICLE LEFT UNDER DASH

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
CS1	20-WAY SUMITOMO BLOCK (WHITE)	ADJACENT TO STEERING COLUMN / LIGHTING AND TURN SIGNAL SWITCH GROUND
CS2	6-WAY SUMITOMO STD. (WHITE)	LIGHTING STALK SWITCH GEAR / LIGHTING AND TURN SIGNAL SWITCH
GH1	.250 BLADE (WHITE)	GEAR SELECTOR LINKAGE / GEAR SELECTOR SWITCH
GH2	.250 BLADE (WHITE)	GEAR SELECTOR LINKAGE / GEAR SELECTOR SWITCH
GH9	16-WAY SUMITOMO BLOCK (BLACK)	BELOW LOWER RIGHT A/C OUTLET / GEARBOX HARNESS
LB167	4-WAY SUMITOMO STD. (RED)	BRAKE PEDAL / STOP LIGHT SWITCH
LF2	13-WAY SUMITOMO BLOCK (WHITE)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LI244	20-WAY MULTILOCK 70 (WHITE)	RIGHT 'A' POST BEHIND ECM / INSTRUMENT PACK
RH114	4-WAY MULTILOCK 40 (BLACK)	BEHIND LEFT TRUNK LID GAS STRUT SUPPORT / SPEED INTERFACE UNIT
RH161	20-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH196	20-WAY AMP PCB POWER (BLACK)	LEFT REAR WHEEL ARCH / SPEED CONTROL MODULE
RH197	13-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REAR HARNESS
RH198	6-WAY AMP SOCKET (WHITE)	UNDER CENTER CONSOLE / SPEED CONTROL MASTER SWITCH

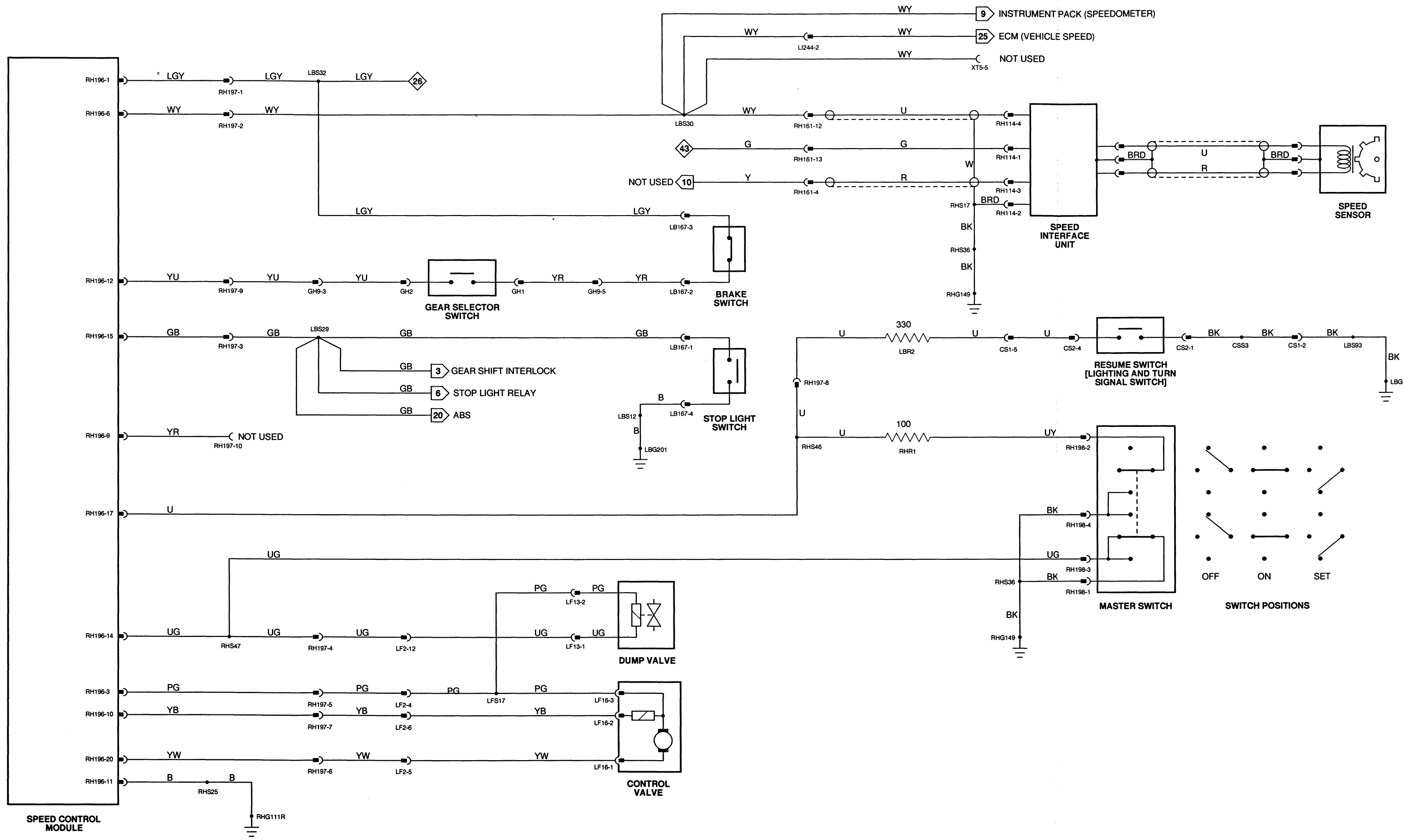
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
RHG111R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND

## INPUTS / OUTPUTS

### SPEED CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RH196-1	INPUT	IGNITION SWITCHED POWER	12V	0V
RH196-3	OUTPUT	CRUISE CONTROL VALVES / PUMP	CRUISE ON: 12V	CRUISE OFF: 0V
RH196-6	INPUT	ROAD SPEED INPUT	AC VOLTS INCREASE W/ROAD SPEED	LESS THAN 1V
RH196-9	NOT USED	(MANUAL TRANSMISSION ONLY)		
RH196-10	OUTPUT	CRUISE VACUUM DUTY CYCLE VALVE	SYSTEM ON: GROUND	SYSTEM OFF: 12V
RH196-11	INPUT	POWER GROUND	GROUND	GROUND
RH196-12	INPUT	BRAKE/GEAR SELECT SWITCH	"D", "2", "1": 12V	"P", "R", "N": 0V
RH196-14	OUTPUT	CRUISE DUMP VALVE	VALVE CLOSED: APPROX. 0.5V	VALVE OPEN: 12V
RH196-15	INPUT	STOP LIGHT SWITCH	BRAKE ON: GROUND	12V
RH196-17	INPUT	CRUISE "SET", "RESUME"	"SET" PRESSED: 100Ω, "RESUME" PRESSED: 300Ω	OPEN CIRCUIT
RH196-20	INPUT	CRUISE VACUUM CONTROL PUMP	GROUND	OPEN CIRCUIT



# FIG 22 DATA

## COMPONENTS

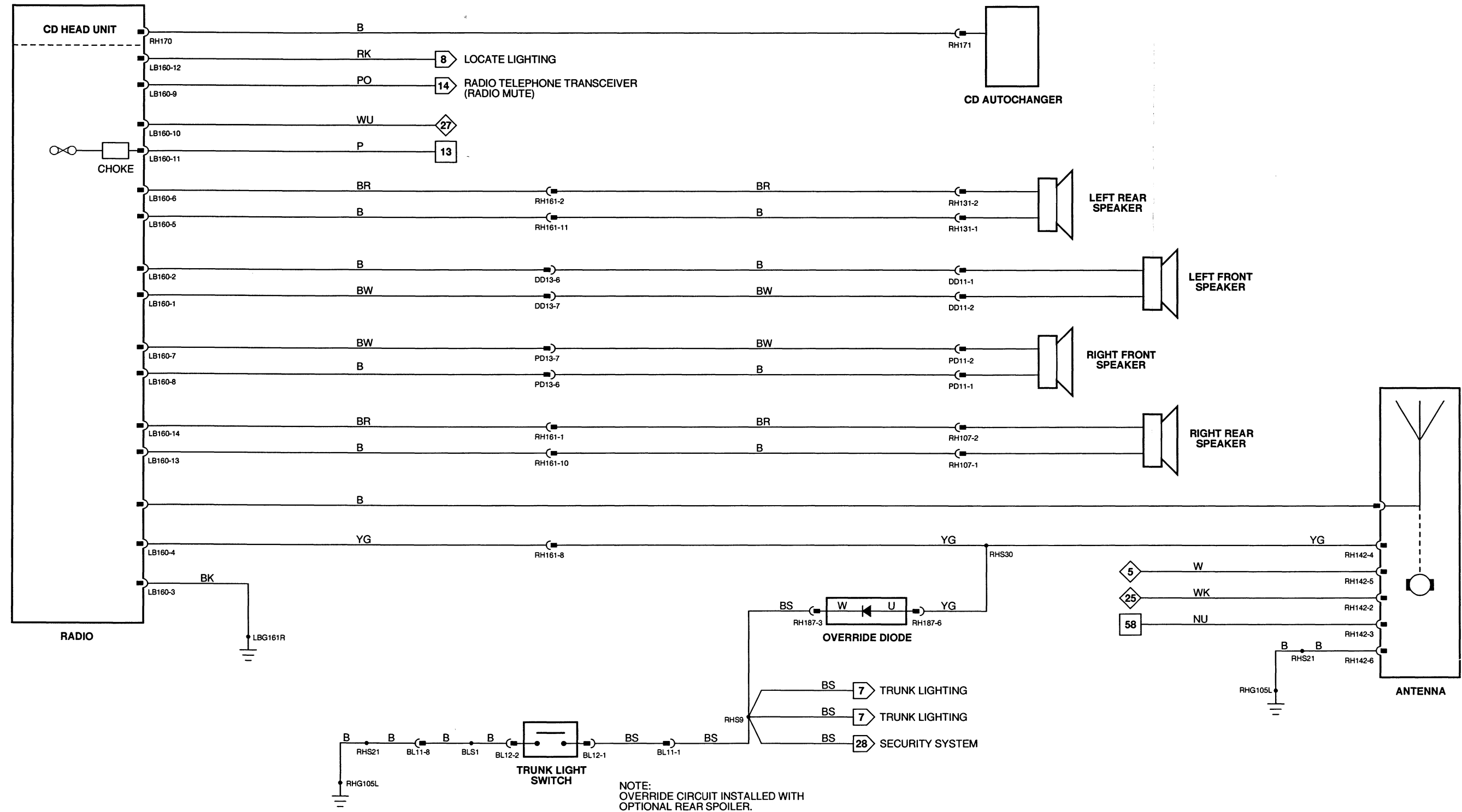
DESCRIPTION	LOCATION	ACCESS
ANTENNA	RIGHT REAR TRUNK	RIGHT TRUNK TRIM
ANTENNA OVERRIDE DIODE	6" BELOW ANTENNA MONITOR IN HARNESS	RIGHT TRUNK TRIM
CD AUTO CHANGER	TRUNK	LEFT TRUNK TRIM
CD HEAD UNIT	CENTER CONSOLE	—
RADIO	CENTER CONSOLE	—
SPEAKERS – FRONT	LOW ON FRONT DOOR PANEL	—
SPEAKERS – REAR	REAR QUARTER WINDOW TRIM / ARMREST	—
TRUNK LIGHT SWITCH	ADJACENT TO TRUNK LOCK ASSEMBLY	TRUNK LOCK TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BL11	8-WAY SUMITOMO BLACK (WHITE)	TOP RIGHT OF FUEL TANK BEHIND TRIM / TRUNK LIGHT SWITCH
BL12	GROTE AND HARTMAN (BLACK)	ADJACENT TO TRUNK LOCK / TRUNK LIGHT SWITCH
DD11	.250 BLADE (BLACK)	BELOW LEFT DOOR MIRROR / LEFT FRONT SPEAKER
DD13	20-WAY SUMITOMO BLOCK (BLACK)	LEFT 'A' POST / DRIVER'S DOOR HARNESS
LB160	14-WAY MULTILOCK 70 (WHITE)	BEHIND RADIO / RADIO CONNECTOR
PD11	.250 BLADE (BLACK)	BELOW RIGHT DOOR MIRROR / RIGHT FRONT SPEAKER
PD13	20-WAY SUMITOMO BLOCK (BLACK)	RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH107	.250 BLADE (BLACK) – COUPE; PM 5 (GREEN) – CONV.	RIGHT REAR QUARTER TRIM / RIGHT REAR SPEAKER
RH131	.250 BLADE (BLACK) – COUPE; PM 5 (GREEN) – CONV.	LEFT REAR QUARTER TRIM / LEFT REAR SPEAKER
RH142	6-WAY YAZAKI (WHITE)	RIGHT REAR TRUNK / ANTENNA MOTOR
RH161	20-WAY SUMITOMO BLOCK (RED)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH170	CD CONNECTOR (BLACK)	BEHIND RADIO HEAD UNIT / CD AUTO CHANGER DRIVE CABLE
RH171	CD CONNECTOR (WHITE)	BEHIND LEFT TRUNK TRIM PANEL / CD AUTOCHANGER
RH187	2-WAY SPADE CONNECTOR (WHITE)	6" BELOW ANTENNA MOTOR / ANTENNA MOTOR

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
RHG105	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG105L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 23 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AMBIENT TEMPERATURE SENSOR	INTAKE AIR PLENUM	AIR PLENUM
ASPIRATOR	IN PASSENGER'S UNDER DASH PANEL	RIGHT UNDER DASH PANEL
CLIMATE CONTROL PANEL MODULE	BEHIND A/C CONTROL PANEL	A/C CONTROL PANEL
BLOWER - LEFT	LEFT BULKHEAD	LEFT UNDER DASH
BLOWER - RIGHT	RIGHT BULKHEAD	RIGHT UNDER DASH
CLIMATE CONTROL MODULE	A/C UNIT, RIGHT	RIGHT UNDER DASH
CLIMATE CONTROL SOLENOID VALVE BLOCK	LOWER LEFT OF A/C UNIT	LEFT UNDER DASH PANEL
COOLANT TEMPERATURE SWITCH	LEFT HOT WATER PIPE	LEFT UNDER DASH
EVAPORATOR TEMPERATURE SENSOR	A/C UNIT, RIGHT SIDE	RIGHT UNDER DASH
FEEDBACK POTENTIOMETER - LOWER	A/C UNIT, LEFT	LEFT UNDER DASH
FEEDBACK POTENTIOMETER - UPPER	A/C UNIT, LEFT	INSTRUMENT PACK
IN-CAR TEMPERATURE SENSOR	RIGHT UNDER DASH PANEL	RIGHT UNDER DASH
MODE CONTROL SWITCH	CONTROL PANEL FAN SWITCH	TRIM
SERVO - LOWER	A/C UNIT, RIGHT	RIGHT UNDER DASH
SERVO - UPPER	A/C UNIT, RIGHT	REMOVE GLOVE BOX
TEMPERATURE DEMAND SWITCH	CONTROL PANEL	TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AC2	15-WAY JST (WHITE)	TOP CONNECTOR ON CONTROL MODULE / CLIMATE CONTROL MODULE
AC3	15-WAY JST (WHITE)	CENTER CONNECTOR ON CONTROL MODULE / CLIMATE CONTROL MODULE
AC4	15-WAY JST (WHITE)	BOTTOM CONNECTOR ON CONTROL MODULE / CLIMATE CONTROL MODULE
AC5	4-WAY JST (BLACK)	ABOVE LEFT BLOWER MOTOR / LEFT BLOWER MOTOR
AC6	7-WAY JST (BLACK)	ABOVE RIGHT BLOWER MOTOR / RIGHT BLOWER MOTOR
AC7	6-WAY SUMITOMO STD. (WHITE)	RIGHT UNDER DASH PANEL / IN-CAR TEMPERATURE SENSOR
AC9	3-WAY JST (BLACK)	A/C UNIT, RIGHT / EVAPORATOR TEMPERATURE SENSOR
AC10	3-WAY JST (BLACK)	A/C UNIT, LEFT / UPPER FEEDBACK POT.
AC11	3-WAY JST (BLACK)	A/C UNIT, LEFT / LOWER FEEDBACK POT.
AC12	3-WAY JST (BLACK)	A/C UNIT, LEFT / LOWER SERVO MOTOR
AC13	3-WAY JST (BLACK)	A/C UNIT, LEFT / UPPER SERVO MOTOR
AC14	SPADE	A/C UNIT, LEFT / COOLANT TEMPERATURE SWITCH
AC15	SPADE	A/C UNIT, LEFT / COOLANT TEMPERATURE SWITCH
AC28	5-WAY JST (BLACK)	A/C UNIT, LEFT / TEMPERATURE DEMAND SWITCH
AC29	8-WAY JST (WHITE)	A/C UNIT, RIGHT / MODE CONTROL SWITCH
AC30	3-WAY JST (BLACK)	BEHIND PASSENGER'S UNDER DASH PANEL / IN-CAR TEMPERATURE SENSOR
AC31	3-WAY JST (WHITE)	ADJACENT TO LEFT BLOWER MOTOR / AMBIENT TEMPERATURE SENSOR
AC32	6-WAY MULTILOCK 70 (WHITE)	LOWER LEFT SIDE OF A/C UNIT / VACUUM SOLENOID VALVE BLOCK
AC33	12-WAY MULTILOCK 40 (BLACK)	BELOW LOWER RIGHT A/C OUTLET / A/C HARNESS GROUND
AC34	12-WAY MULTILOCK 40 (BLACK)	BEHIND RADIO / CONTROL PANEL MODULE
AC35	4-WAY MULTILOCK 40 (BLACK)	BEHIND RADIO / CONTROL PANEL MODULE
LB190	2-WAY PM 5	LEFT BLOWER MOTOR / BLOWER MOTOR POWER FEED
LB213	2-WAY PM 5	RIGHT BLOWER MOTOR / BLOWER MOTOR POWER FEED
LI244	20-WAY MULTILOCK 40 (WHITE)	RIGHT 'A' POST / RIGHT FORWARD HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND

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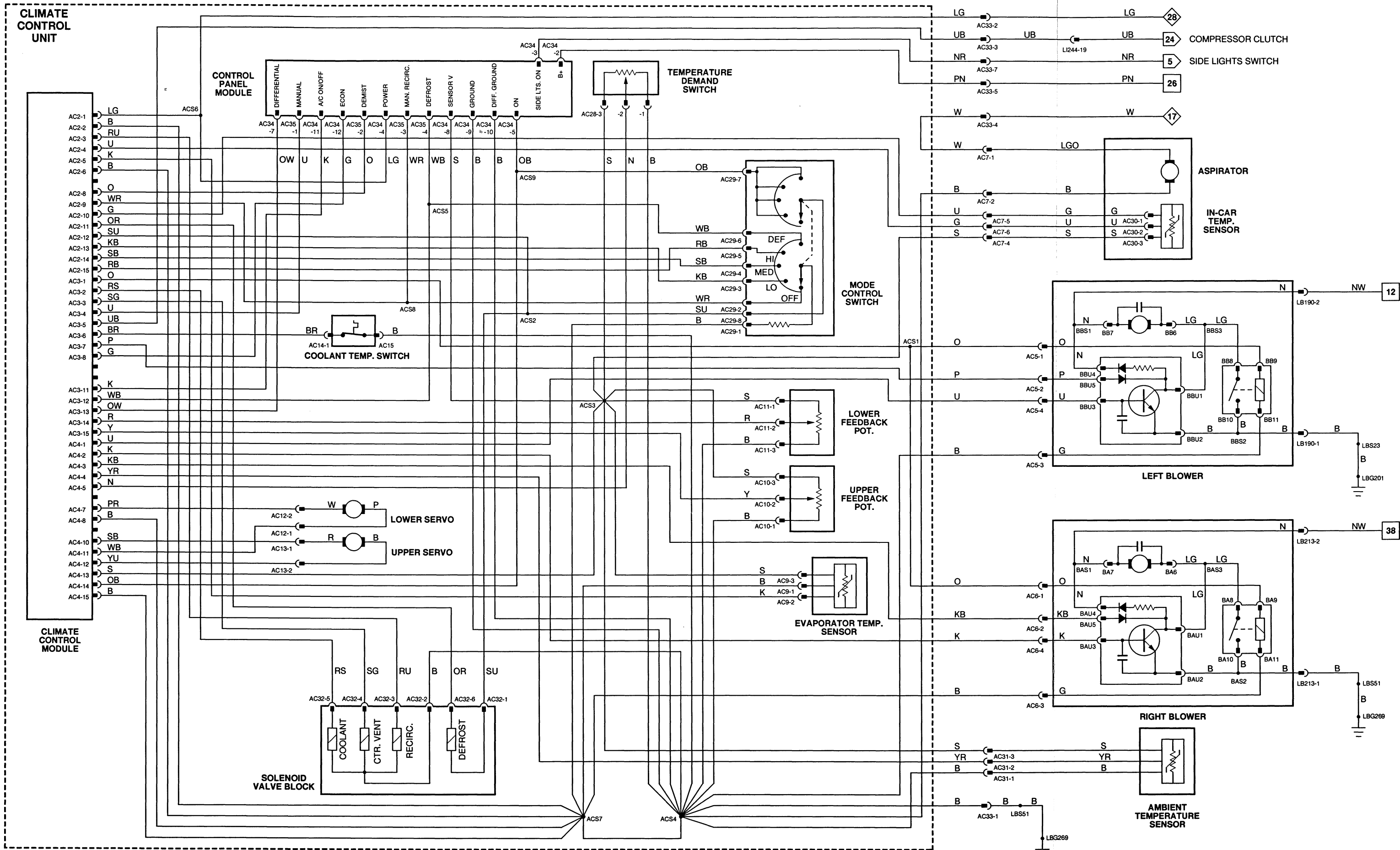
## INPUTS / OUTPUTS

### CLIMATE CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC2-1	INPUT	IGNITION SWITCHED POWER	12V	0V
AC2-2	INPUT	POWER GROUND	GROUND	GROUND
AC2-3	OUTPUT	RECIRCULATION VACUUM SOLENOID	12V	0V
AC2-4	INPUT	IN-CAR TEMP. SENSOR	SYSTEM ON: 2.73V @0°C	SYSTEM OFF: 0V
AC2-5	INPUT	EVAPORATOR TEMP. SENSOR	SYSTEM ON: 2.73V @0°C	SYSTEM OFF: 0V
AC2-6	INPUT	POWER GROUND	GROUND	GROUND
AC2-8	INPUT	WINDSCREEN DEMIST	DEMIST ON: GROUND	DEMIST OFF: 4V
AC2-9	INPUT	MODE CONTROL SWITCH	GROUND	4V
AC2-10	INPUT	IN-CAR TEMP. SENSOR GROUND	GROUND	GROUND
AC2-11	INPUT	DEFROST VACUUM SOLENOID	12V	GROUND
AC2-12	OUTPUT	DEFROST SOLENOID / MODE SWITCH	12V	12V
AC2-13	INPUT	MODE SWITCH - LOW	GROUND	4V
AC2-14	INPUT	MODE SWITCH - MED.	GROUND	4V
AC2-15	INPUT	MODE SWITCH - HIGH	GROUND	4V
AC3-1	OUTPUT	HIGH SPEED BLOWER MOTOR RELAYS	10V	0V
AC3-2	OUTPUT	COOLANT VALVE VACUUM SOLENOID	CLOSED: 12V	OPEN: 0V
AC3-3	OUTPUT	CENTER VENT VACUUM SOLENOID	OPEN: 12V	CLOSED: 0V
AC3-4	INPUT	MANUAL MODE SWITCH	ON: GROUND	OFF: 4V
AC3-5	OUTPUT	COMPRESSOR CLUTCH RELAY	12V	0V
AC3-6	INPUT	COOLANT TEMP. SWITCH	ABOVE 40°C: 5V	BELOW 40°C: 0V
AC3-7	INPUT	LEFT BLOWER MOTOR FEEDBACK	LOW: 5V, MED: 2V, HIGH: 1V	
AC3-8	INPUT	ECONOMY (A/C ON/OFF)	A/C LIGHT ON: 4V	A/C LIGHT OFF: GROUND
AC3-11	NOT USED			
AC3-12	INPUT	MODE SWITCH - DEFROST	GROUND	4V
AC3-13	INPUT	TEMPERATURE DIFFERENTIAL POTENTIOMETER	COOL: 2.885V	WARM: 0V
AC3-14	INPUT	LOWER FEEDBACK POTENTIOMETER	FULL COOL: 0.1V, FULL HOT: 1.2V, DEFROST: 2.9V	
AC3-15	INPUT	UPPER FEEDBACK POTENTIOMETER	FULL COOL: 0.2V, FULL HOT: 1.9V, DEFROST: 1.9V	
AC4-1	OUTPUT	LEFT BLOWER MOTOR POWER TRANSISTOR	LOW: 1-2V, NORM: INCREASE, HIGH: APPROX. 1V	
AC4-2	OUTPUT	RIGHT BLOWER MOTOR POWER TRANSISTOR	LOW: 1-2V, NORMAL: INCREASE, HIGH: APPROX. 1V	
AC4-3	INPUT	RIGHT BLOWER MOTOR FEEDBACK	LOW: 5V, MED: 2V, HIGH: 1V	
AC4-4	INPUT	AMBIENT TEMP. SENSOR	SYSTEM ON: 2.93V @0°C	SYSTEM OFF: 0V
AC4-5	INPUT	TEMPERATURE DEMAND POTENTIOMETER	FULL COOL: 0V	FULL HOT: 2.885V
AC4-7	OUTPUT	LOWER SERVO	DRIVE: 7V	NO DRIVE: 0V
AC4-8	INPUT	POWER GROUND	GROUND	GROUND
AC4-10	OUTPUT	UPPER SERVO	DRIVE: 7V	NO DRIVE: 0V
AC4-11	OUTPUT	LOWER SERVO	DRIVE: 7V	NO DRIVE: 0V
AC4-12	OUTPUT	UPPER SERVO	DRIVE: 7V	NO DRIVE: 0V
AC4-13	OUTPUT	SENSOR REFERENCE VOLTAGE	5V	0V
AC4-14	INPUT	MODE CONTROL SWITCH	SWITCH ON: 12V	SWITCH OFF: 0V
AC4-15	INPUT	POWER GROUND	GROUND	GROUND

### CLIMATE CONTROL PANEL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
AC34-2	INPUT	BATTERY POWER SUPPLY	12V	0V
AC34-3	INPUT	SIDE LIGHTS ON	GROUND	12V
AC34-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
AC34-5	INPUT	SYSTEM ON	FAN SWITCH ON: 12V	FAN SWITCH OFF: 0V
AC34-7	OUTPUT	TEMPERATURE FASCIA DIFFERENTIAL	FULL COOL: 2.9V SPLIT: 1.5V EQUAL: 0.02V	
AC34-8	INPUT	SENSOR REFERENCE VOLTAGE	KEY ON: 5V	KEY OFF: OPEN CIRCUIT
AC34-9	INPUT	POWER GROUND	GROUND	GROUND
AC34-10	INPUT	PANEL DIFFERENTIAL GROUND	GROUND	GROUND
AC34-11	OUTPUT	NORMAL MODE	A/C LIGHT ON: GROUND	A/C LIGHT OFF: 4V
AC34-12	OUTPUT	ECONOMY MODE	A/C LIGHT OFF: GROUND	A/C LIGHT ON: 4V
AC35-1	OUTPUT	WINDSCREEN DEMIST	DEMIST ON: GROUND	DEMIST OFF: 4V
AC35-2	OUTPUT	WINDSCREEN MANUAL DEMIST	DEMIST LIGHT ON: GROUND	DEMIST LIGHT OFF: 4V
AC35-3	INPUT	MANUAL RECIRCULATION	RECIRC. LIGHT ON: GROUND	RECIRC. LIGHT OFF: 12V
AC35-4	INPUT	DEFROST MODE OVERRIDE	DEF: GROUND	LOW/MED/HI: 4V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▢ FIG NUMBER REFERENCE

# FIG 24 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
AIR CONDITIONING COMPRESSOR CLUTCH	RIGHT FRONT OF ENGINE	ENGINE COMPARTMENT
COOLING FAN	BEHIND RADIATOR, RIGHT	ENGINE COMPARTMENT
DIODE - LID1	COMPRESSOR CLUTCH MOUNTING BRACKET	ENGINE COMPARTMENT
DUAL PRESSURE CUTOUT SWITCH	BELOW COOLANT RESERVOIR ON FRAME RAIL	ENGINE COMPARTMENT
ENGINE CONTROL MODULE	RIGHT FRONT FOOTWELL	FOOTWELL ACCESS COVER
RADIATOR THERMAL SWITCH	WATER PUMP INLET	ENGINE, LEFT FRONT
RELAY - COMPRESSOR CLUTCH (RF3)	RIGHT FRONT COMPONENT PANEL	ENGINE COMPARTMENT
RELAY - COOLING FAN (LF11)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT

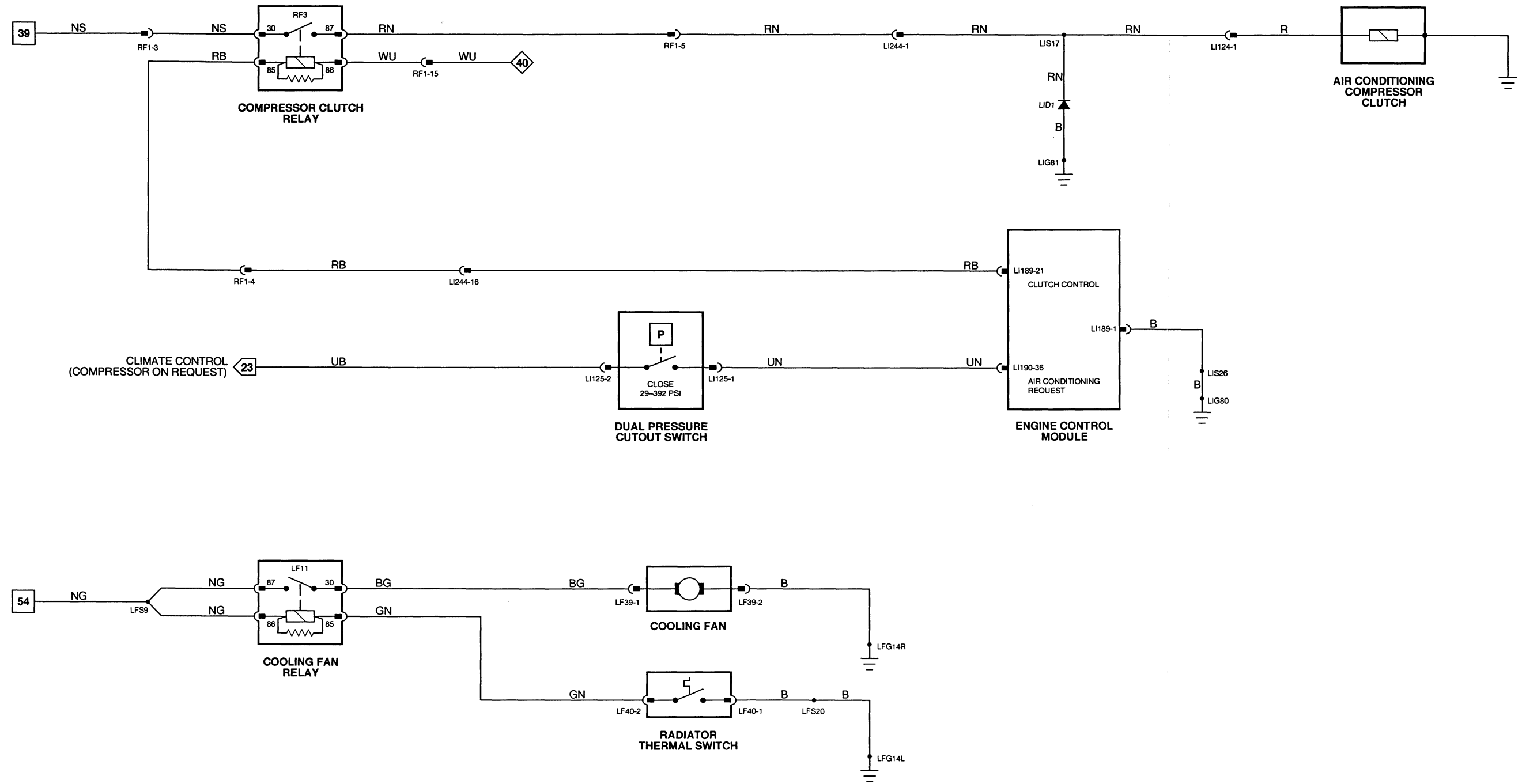
## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
LF11	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / COOLING FAN RELAY
LF39	PM 5 (BLACK)	RADIATOR FAN SHROUD, LEFT / COOLING FAN
LF40	PM 5 (BLACK)	FRONT OF AIR CLEANER / RADIATOR THERMAL SWITCH
LI124	PM 5 (GREEN)	BENEATH DISTRIBUTOR / COMPRESSOR CLUTCH
LI125	2-WAY ECONOSEAL III LC (BLACK)	RIGHT FRONT FRAME RAIL / DUAL PRESSURE CUTOUT SWITCH
LI189	36-WAY ECONOSEAL III HC (BLACK)	RIGHT FRONT FOOTWELL / ENGINE CONTROL MODULE
LI190	36-WAY ECONOSEAL III LC (RED)	RIGHT FRONT FOOTWELL / ENGINE CONTROL MODULE
LI244	20-WAY MULTILOCK 40 (WHITE)	RIGHT 'A' POST / RIGHT FRONT HARNESS
RF1	20-WAY SUMITOMO (BLACK)	RIGHT 'A' POST / RIGHT FRONT HARNESS
RF3	RELAY BASE (GREEN)	RIGHT FRONT COMPONENT PANEL / A/C COMPRESSOR CLUTCH RELAY

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LFG14L	EYELET	BEHIND LEFT FRONT HEADLIGHT / POWER GROUND
LFG14R	EYELET	BEHIND RIGHT FRONT HEADLIGHT / POWER GROUND
LIG80	EYELET	ENGINE COMPARTMENT, BEHIND ABS PUMP ON BULKHEAD / POWER GROUND
LIG81	EYELET	ENGINE COMPARTMENT, BEHIND ABS PUMP ON BULKHEAD / POWER GROUND





□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 25 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CAMSHAFT POSITION SENSOR	RIGHT FRONT OF ENGINE (REPLACES DISTRIBUTOR)	ENGINE COMPARTMENT
CRANKSHAFT POSITION SENSOR	ENGINE FRONT COVER	ENGINE COMPARTMENT, FRONT
DIODE - LID2	ADJACENT TO AIR PUMP	ENGINE COMPARTMENT
EGR TEMPERATURE SENSOR	CENTER OF INTAKE MANIFOLD	ENGINE COMPARTMENT
EGR VALVE	CENTER OF INTAKE MANIFOLD	ENGINE COMPARTMENT
ENGINE CONTROL MODULE	PASSENGER'S FOOTWELL	RIGHT UNDER DASH PANEL
ENGINE COOLANT TEMPERATURE SENSOR	THERMOSTAT HOUSING	LEFT FRONT OF CYLINDER HEAD
EVAPORATIVE EMISSION CONTROL VALVE	ENGINE COMPARTMENT BELOW AIR FILTER	ENGINE COMPARTMENT, LEFT
FUEL INJECTORS	ALONG INTAKE MANIFOLD	ENGINE COMPARTMENT
FUEL PUMP	INSIDE FUEL TANK	FUEL TANK
HEATED OXYGEN SENSORS	EXHAUST DOWN PIPE	ENGINE COMPARTMENT, RIGHT
IDLE AIR CONTROL VALVE	ADJACENT TO THROTTLE	ENGINE COMPARTMENT
IGNITION COILS	ON EACH SPARK PLUG UNDER TRIM COVER	ENGINE COMPARTMENT, TRIM COVER
INTAKE AIR TEMPERATURE SENSOR	AIR INTAKE ELBOW	ENGINE COMPARTMENT, LEFT
KNOCK SENSORS	ADJACENT TO CYLINDERS 2 & 5	ENGINE COMPARTMENT, ENGINE BLOCK
MASS AIR FLOW SENSOR	ADJACENT TO AIR INLET	ENGINE COMPARTMENT, LEFT
RELAY - SECONDARY AIR INJECTION (LF50)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - ECM CONTROLLED (LB292)	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - EMS POWER (LB291)	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - FUEL PUMP (RH173)	ABOVE RIGHT REAR WHEEL ARCH	RIGHT TRUNK TRIM PANEL
SECONDARY AIR INJECTION PUMP	LEFT FRONT OF ENGINE	ENGINE COMPARTMENT
THROTTLE POSITION SENSOR	BELOW THROTTLE BODY	ENGINE COMPARTMENT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
FP6	4-WAY SUMITOMO STANDARD (WHITE)	ABOVE FUEL TANK / FUEL PUMP MODULE
LB291	RELAY BASE (WHITE)	RIGHT COMPONENT PANEL / EMS POWER RELAY
LB292	RELAY BASE (BLUE)	RIGHT COMPONENT PANEL / ECM CONTROLLED RELAY
LF1	2-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / ENGINE MANAGEMENT HARNESS
LF46	2-WAY AMP JUNIOR TIMER (BLACK)	LEFT FRONT WHEEL ARCH / EVAPORATIVE EMISSION CONTROL VALVE
LF47	3-WAY AMP JUNIOR TIMER (BLACK)	TOP OF AIR PUMP / SECONDARY AIR INJECTION PUMP
LF49	2-WAY ECONOSEAL III LC (BLACK)	UNDER MASS AIR FLOW SENSOR / SECONDARY AIR INJECTION RELAY HARNESS
LF50	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / SECONDARY AIR INJECTION RELAY
LI84	2-WAY ECONOSEAL III LC (BLACK)	TOP CENTER OF INTAKE MANIFOLD / EGR TEMPERATURE SENSOR
LI99	2-WAY LUCAR (BROWN)	ON AIR INTAKE ELBOW / INTAKE AIR TEMPERATURE SENSOR
LI100	4-WAY PACKARD (BLACK)	BETWEEN INJECTOR #2 & 3 / IDLE SPEED ACTUATOR
LI101	2-WAY LUCAR (BROWN)	ON THERMOSTAT HOUSING / ENGINE COOLANT TEMPERATURE SENSOR
LI109	3-WAY PM 5 (BLACK)	FRONT OF ENGINE / CRANKSHAFT POSITION SENSOR
LI116	2-WAY AMP JUNIOR TIMER (SLATE)	FUEL INJECTOR #1
LI117	2-WAY AMP JUNIOR TIMER (SLATE)	FUEL INJECTOR #2
LI118	2-WAY AMP JUNIOR TIMER (SLATE)	FUEL INJECTOR #3
LI119	2-WAY AMP JUNIOR TIMER (SLATE)	FUEL INJECTOR #4
LI120	2-WAY AMP JUNIOR TIMER (SLATE)	FUEL INJECTOR #5
LI121	2-WAY AMP JUNIOR TIMER (SLATE)	FUEL INJECTOR #6
LI170	2-WAY AMP JUNIOR TIMER (BLACK)	ADJACENT TO CYLINDER #2 ON ENGINE / KNOCK SENSOR A
LI171	2-WAY AMP JUNIOR TIMER (BLACK)	ADJACENT TO CYLINDER #5 ON ENGINE / KNOCK SENSOR B
LI172	2-WAY AMP JUNIOR TIMER (BLACK)	RIGHT FRONT OF ENGINE / CAMSHAFT POSITION SENSOR
LI173	5-WAY PACKARD METRI (BLACK)	CENTER OF INTAKE MANIFOLD / EGR VALVE
LI174	3-WAY AMP JUNIOR TIMER (BLACK)	CENTER OF INTAKE MANIFOLD / THROTTLE POSITION SENSOR
LI175	3-WAY AMP JUNIOR TIMER (BLACK)	ADJACENT TO AIR INLET / MASS AIR FLOW SENSOR
LI177	2-WAY SUMITOMO STD. A (BROWN)	IGNITION COIL #1
LI178	2-WAY SUMITOMO STD. A (BROWN)	IGNITION COIL #2
LI179	2-WAY SUMITOMO STD. A (BROWN)	IGNITION COIL #3
LI180	2-WAY SUMITOMO STD. A (BROWN)	IGNITION COIL #4
LI181	2-WAY SUMITOMO STD. A (BROWN)	IGNITION COIL #5
LI182	2-WAY SUMITOMO STD. A (BROWN)	IGNITION COIL #6
LI183	4-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO REAR OF CYLINDER HEAD / OXYGEN SENSOR - A DOWNSTREAM
LI184	4-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO REAR OF CYLINDER HEAD / OXYGEN SENSOR - B DOWNSTREAM
LI185	4-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO REAR OF CYLINDER HEAD / OXYGEN SENSOR - A UPSTREAM
LI186	4-WAY ECONOSEAL III LC (BLACK)	ADJACENT TO REAR OF CYLINDER HEAD / OXYGEN SENSOR - B UPSTREAM
LI189	36-WAY ECONOSEAL III HC (BLACK)	RIGHT FRONT FOOTWELL / ENGINE CONTROL MODULE (HIGH POWER BOARD)
LI190	36-WAY ECONOSEAL III LC (RED)	RIGHT FRONT FOOTWELL / ENGINE CONTROL MODULE (LOW POWER BOARD)
LI243	13-WAY ECONOSEAL III HC (WHITE)	RIGHT FRONT INNER FENDER / ENGINE MANAGEMENT HARNESS
LI244	20-WAY AMP 70 (BLACK)	LOWER RIGHT 'A' POST BEHIND ECM / ENGINE MANAGEMENT HARNESS
RH104	2-WAY ECONOSEAL III HC (BLACK)	ABOVE FUEL TANK, RIGHT / FUEL PUMP HARNESS
RH173	RELAY BASE (YELLOW)	ABOVE RIGHT REAR WHEEL ARCH / FUEL PUMP RELAY

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
LFG48	EYELET	INTAKE MANIFOLD, CYLINDER 2 / POWER GROUND
LIG80	EYELET	ENGINE COMPARTMENT, BEHIND ABS PUMP ON BULKHEAD / POWER GROUND
LIG81	EYELET	ENGINE COMPARTMENT, BEHIND ABS PUMP ON BULKHEAD / POWER GROUND
RHG105R	EYELET	RIGHT FRONT BULKHEAD IN ENGINE COMPARTMENT / POWER GROUND

CONTINUED AT LEFT ON FOLDOUT

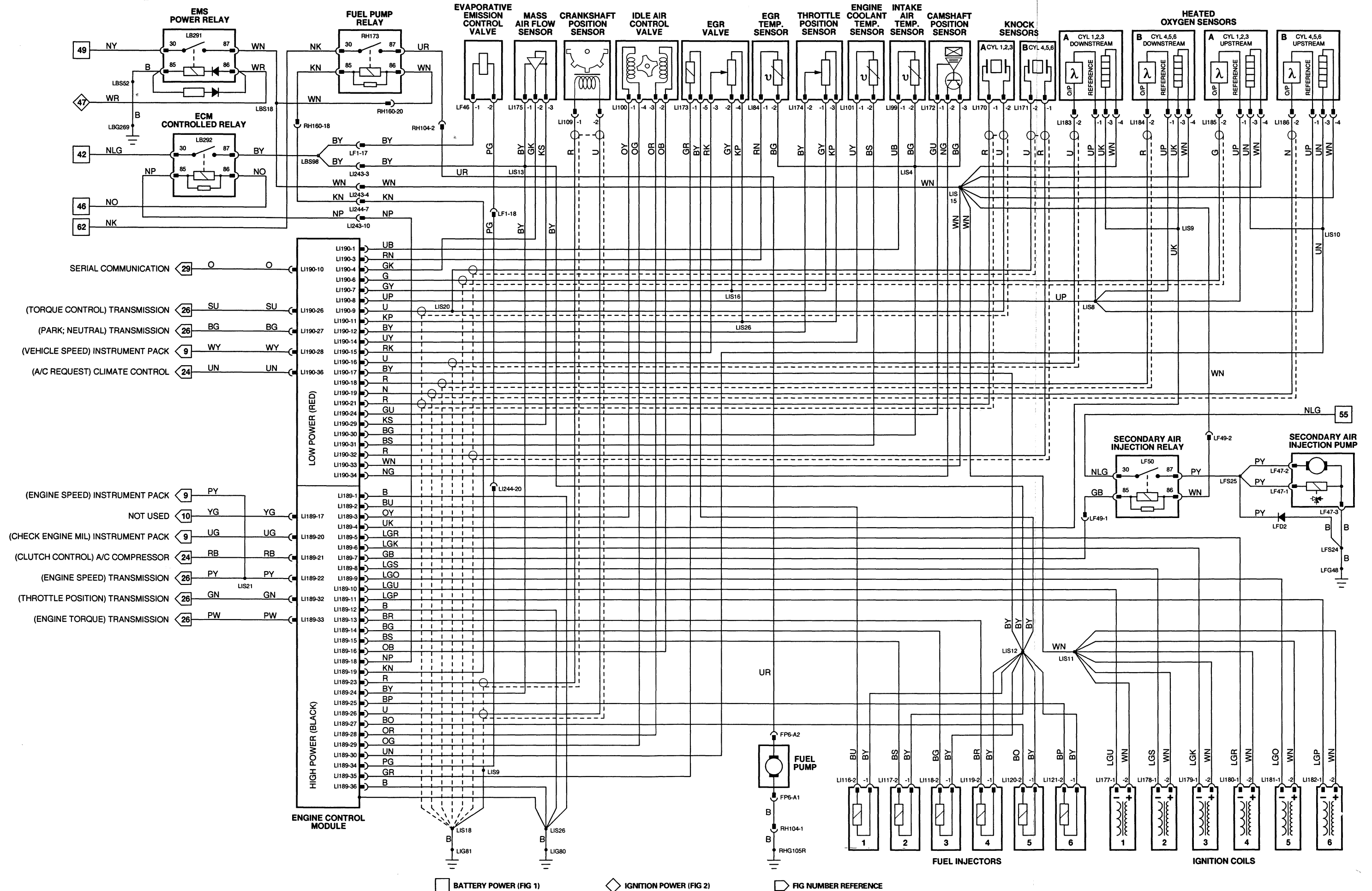
# INPUTS / OUTPUTS

## ENGINE CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
L1189-1	INPUT	POWER GROUND	GROUND	GROUND
L1189-2	OUTPUT	FUEL INJECTOR #1 DRIVE	700RPM: 0.90VAC 1000RPM: 1.30VAC 1500RPM: 1.80VAC 2500RPM: 2.90VAC	
L1189-3	OUTPUT	IDLE SPEED CONTROL VALVE PIN #1	KEY ON: 12V	DC REVERSIBLE MOTOR *
L1189-4	OUTPUT	OXYGEN SENSOR HEATERS (1 & 2)	KEY ON: 12V 6.0V - 0V SWING WITH ENGINE RUNNING	
L1189-5	OUTPUT	IGNITION COIL #4 DRIVE	700RPM: 0.30VAC 1000RPM: 0.45VAC 1500RPM: 0.60VAC 2500RPM: 1.08VAC	
L1189-6	OUTPUT	IGNITION COIL #3 DRIVE	700RPM: 0.30VAC 1000RPM: 0.45VAC 1500RPM: 0.60VAC 2500RPM: 1.08VAC	
L1189-7	OUTPUT	AIR INJECTION RELAY	PUMP ON: GROUND	PUMP OFF: 12V
L1189-8	OUTPUT	IGNITION COIL #2 DRIVE	700RPM: 0.30VAC 1000RPM: 0.45VAC 1500RPM: 0.60VAC 2500RPM: 1.08VAC	
L1189-9	OUTPUT	IGNITION COIL #5 DRIVE	700RPM: 0.30VAC 1000RPM: 0.45VAC 1500RPM: 0.60VAC 2500RPM: 1.08VAC	
L1189-10	OUTPUT	IGNITION COIL #1 DRIVE	700RPM: 0.30VAC 1000RPM: 0.45VAC 1500RPM: 0.60VAC 2500RPM: 1.08VAC	
L1189-11	OUTPUT	IGNITION COIL #6 DRIVE	700RPM: 0.30VAC 1000RPM: 0.45VAC 1500RPM: 0.60VAC 2500RPM: 1.08VAC	
L1189-12	OUTPUT	POWER GROUND	GROUND	GROUND
L1189-13	OUTPUT	FUEL INJECTOR #4 DRIVE	700RPM: 0.90VAC 1000RPM: 1.30VAC 1500RPM: 1.80VAC 2500RPM: 2.90VAC	
L1189-14	OUTPUT	FUEL INJECTOR #3 DRIVE	700RPM: 0.90VAC 1000RPM: 1.30VAC 1500RPM: 1.80VAC 2500RPM: 2.90VAC	
L1189-15	OUTPUT	FUEL INJECTOR #2 DRIVE	700RPM: 0.90VAC 1000RPM: 1.30VAC 1500RPM: 1.80VAC 2500RPM: 2.90VAC	
L1189-16	OUTPUT	IDLE SPEED CONTROL VALVE PIN #2	KEY ON: 12V	DC REVERSIBLE MOTOR *
L1189-17	NOT USED			
L1189-18	OUTPUT	ECM CONTROLLED RELAY	KEY OFF: 12V	KEY ON/ENGINE RUNNING: GROUND
L1189-19	OUTPUT	FUEL PUMP RELAY	ENGINE RUNNING: GROUND	KEY ON: 12V
L1189-20	OUTPUT	MIL LIGHT	LIGHT ON: GROUND	LIGHT OFF: 12V
L1189-21	OUTPUT	A/C COMPRESSOR CLUTCH	CLUTCH ON: GROUND	CLUTCH OFF: 12V
L1189-22	OUTPUT	ENGINE SPEED TO TCM	6.0 VAC AT IDLE	PULSED SIGNAL
L1189-23	INPUT	CRANKSHAFT POSITION SENSOR	700RPM: 4.0VAC 1500RPM: 8.60VAC 3000RPM: 22.0VAC	
L1189-24	INPUT	ECM CONTROLLED RELAY	ENGINE RUNNING: 12V	KEY OFF, AFTER 15 SEC. POWER-DOWN: OPEN CIRCUIT
L1189-25	OUTPUT	FUEL INJECTOR #6 DRIVE	700RPM: 0.90VAC 1000RPM: 1.30VAC 1500RPM: 1.80VAC 2500RPM: 2.90VAC	
L1189-26	INPUT	CRANKSHAFT POSITION SENSOR GROUND	GROUND	GROUND
L1189-27	OUTPUT	FUEL INJECTOR #5 DRIVE	700RPM: 0.90VAC 1000RPM: 1.30VAC 1500RPM: 1.80VAC 2500RPM: 2.90VAC	
L1189-28	OUTPUT	IDLE SPEED CONTROL VALVE PIN #3	KEY ON: 12V	DC REVERSIBLE MOTOR *
L1189-29	OUTPUT	IDLE SPEED CONTROL VALVE PIN #4	KEY ON: 12V	DC REVERSIBLE MOTOR *
L1189-30	OUTPUT	OXYGEN SENSOR HEATERS (3 & 4)	KEY ON: 12V 6.0V - 0V SWING WITH ENGINE RUNNING	
L1189-32	OUTPUT	THROTTLE POSITION SENSOR TO TCM	700RPM: 2.30VAC 1500RPM: 2.80VAC 3000RPM: 3.90VAC	
L1189-33	OUTPUT	ENGINE TORQUE SIGNAL (COMMAND)	KEY ON: 10V	VOLTAGE DECREASES WITH ENGINE LOAD
L1189-34	OUTPUT	PURGE CONTROL VALVE	KEY ON: 12V	DUTY CYCLE SOLENOID
L1189-35	OUTPUT	EGR VALVE MOTOR GROUND	GROUNDS DURING 15 SEC. POWER-DOWN	KEY ON: 12V
L1189-36	OUTPUT	POWER GROUND	GROUND	GROUND

\* NOTES: 1) ON POWER-DOWN (15 SEC. AFTER KEY IS TURNED OFF) IDLE SPEED CONTROL VALVE WILL TRAVEL FOR POSITIONING. GROUND, STEP UP TO 6V, THEN STALL AT 12V. AFTER COMPLETE POWER DOWN, OPEN CIRCUIT WILL OCCUR.  
2) ON POWER-DOWN (15 SEC. AFTER KEY IS TURNED OFF) IDLE SPEED CONTROL VALVE WILL TRAVEL FOR POSITIONING. BATTERY VOLTAGE, STEP UP TO 6V, THEN STALL AT 12V. AFTER COMPLETE POWER DOWN, OPEN CIRCUIT WILL OCCUR.

L1190-1	INPUT	AIR TEMPERATURE SENSOR	2.10V AT 72°F	
L1190-3	INPUT	EGR FUNCTION SENSOR	KEY ON: 4.90 VOLTS	VOLTAGE DECREASES WITH EGR OPERATION
L1190-4	INPUT	MASS AIR FLOW SENSOR	700RPM: 1.30V 1500RPM: 1.70V 3000RPM: 2.3V	
L1190-6	INPUT	UPSTREAM OXYGEN SENSOR #3 (CYLINDERS 1, 2, 3)	0.20 - 4.8V SWING AS CLOSED LOOP FUELING CHANGES	KEY ON, ENGINE OFF: 4.9V (LEAN)
L1190-7	OUTPUT	EGR / TPS GROUND	GROUND	GROUND
L1190-8	OUTPUT	OXYGEN SENSOR REFERENCE VOLTAGE GROUND	GROUND	GROUND
L1190-9	OUTPUT	KNOCK SENSOR REFERENCE VOLTAGE GROUND	GROUND	GROUND
L1190-10	INPUT	SERIAL COMMUNICATION DATA LINK	PDU	PDU
L1190-11	OUTPUT	EGR/TPS REFERENCE VOLTAGE	KEY ON: 5V	KEY OFF: OPEN CIRCUIT
L1190-12	INPUT	THROTTLE POSITION SENSOR SWEEP	CLOSED THROTTLE: 0.58V	4.8V AT WIDE OPEN THROTTLE
L1190-14	INPUT	COOLANT TEMPERATURE SENSOR	72°F: 1.2V (8500Ω)	190°F: 0.65V (240Ω)
L1190-15	INPUT	EGR POSITION SENSOR	FULL OPEN: 5V (VARIES WITH POSITION)	KEY ON, VALVE CLOSED: 0.82V
L1190-16	INPUT	DOWNSTREAM OXYGEN SENSOR #1 (CYLINDERS 1, 2, 3)	0.20 - 4.8V SWING AS CLOSED LOOP FUELING CHANGES	KEY ON, ENGINE OFF: 4.9V (LEAN)
L1190-17	INPUT	VOLTAGE SUPPLY (ECM CONTROLLED RELAY)	KEY ON: 12V	KEY OFF, AFTER 15 SEC.: OPEN CIRCUIT
L1190-18	INPUT	DOWNSTREAM OXYGEN SENSOR #2 (CYLINDERS 4, 5, 6)	0.20 - 4.8V SWING AS CLOSED LOOP FUELING CHANGES	KEY ON, ENGINE OFF: 4.9V (LEAN)
L1190-19	INPUT	UPSTREAM OXYGEN SENSOR #4 (CYLINDERS 4, 5, 6)	0.20 - 4.8V SWING AS CLOSED LOOP FUELING CHANGES	KEY ON, ENGINE OFF: 4.9V (LEAN)
L1190-21	INPUT	KNOCK SENSOR 'A'	PULSED SIGNAL	PULSED SIGNAL
L1190-24	INPUT	CAMSHAFT POSITION SENSOR SUPPLY	KEY ON: 12V	ENGINE ON: 12V
L1190-26	INPUT	TORQUE CONTROL (DEMAND)	PULSED SIGNAL	PULSED SIGNAL
L1190-27	INPUT	P/N ROTARY SWITCH	'P', 'N': GROUND	'R', 'D', '3', '2': 12V
L1190-28	INPUT	ROAD SPEED	PULSED SIGNAL	PULSED SIGNAL
L1190-29	INPUT	MASS AIR FLOW SENSOR	GROUND	GROUND
L1190-30	INPUT	SENSOR GROUNDS	GROUND	GROUND
L1190-31	INPUT	COOLANT TEMPERATURE SENSOR GROUND	GROUND	GROUND
L1190-32	INPUT	KNOCK SENSOR B	PULSED SIGNAL	PULSED SIGNAL
L1190-33	INPUT	EMS POWER RELAY	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
L1190-34	OUTPUT	CAMSHAFT POSITION SENSOR REFERENCE	700RPM: 7.5V PULSED SIGNAL	PULSED SIGNAL
L1190-36	INPUT	A/C CLIMATE CONTROL REQUEST	A/C ON: 12V	A/C OFF: OPEN



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 26 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
KICKDOWN SWITCH	BENEATH ACCELERATOR PEDAL	DRIVER'S FOOTWELL CARPET
RELAY - TRANSMISSION WARNING (LB280)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
TRANSMISSION CONTROL MODULE	COUPE: PASSENGER'S 'B/C' POST CONV.: ADJACENT TO BATTERY	'B/C' POST TRIM
TRANSMISSION MODE SWITCH	CENTER CONSOLE	BATTERY TRIM
TRANSMISSION ROTARY SWITCH	LEFT SIDE OF GEARBOX	CENTER CONSOLE TRIM ON GEARBOX

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
GB3	9-WAY HELLERMAN DEUTSCH (BLACK)	RIGHT SIDE OF GEARBOX / TRANSMISSION INTERNAL ELECTRICS
GH5	55-WAY AMP CONNECTOR (BLACK)	COUPE: RIGHT 'B/C' POST / TRANSMISSION CONTROL MODULE CONV.: ADJACENT TO BATTERY / TRANSMISSION CONTROL MODULE
GH6	6-WAY SUMITOMO STD. (WHITE)	ADJACENT TO GEAR SELECTOR MODULE / MODE SWITCH
GH9	14-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / BULKHEAD HARNESS
GH11	12-WAY MULTILOCK 40 (BLACK)	LOWER LEFT A/C OUTLET / TRANSMISSION ROTARY SWITCH
GH12	4-WAY MULTILOCK 70 (WHITE)	LOWER LEFT OF A/C UNIT / GEARBOX HARNESS
GH13	20-WAY MULTILOCK 40 (BLACK)	BELOW LOWER A/C OUTLET / GEARBOX HARNESS
GH14	2-WAY MULTILOCK 70 (WHITE)	BELOW LOWER A/C OUTLET / GEARBOX HARNESS
LB266	PM 5 (PURPLE)	BEHIND ACCELERATOR PEDAL / KICKDOWN SWITCH
LB280	RELAY BASE (BLACK)	LEFT COMPONENT PANEL / TRANSMISSION WARNING RELAY

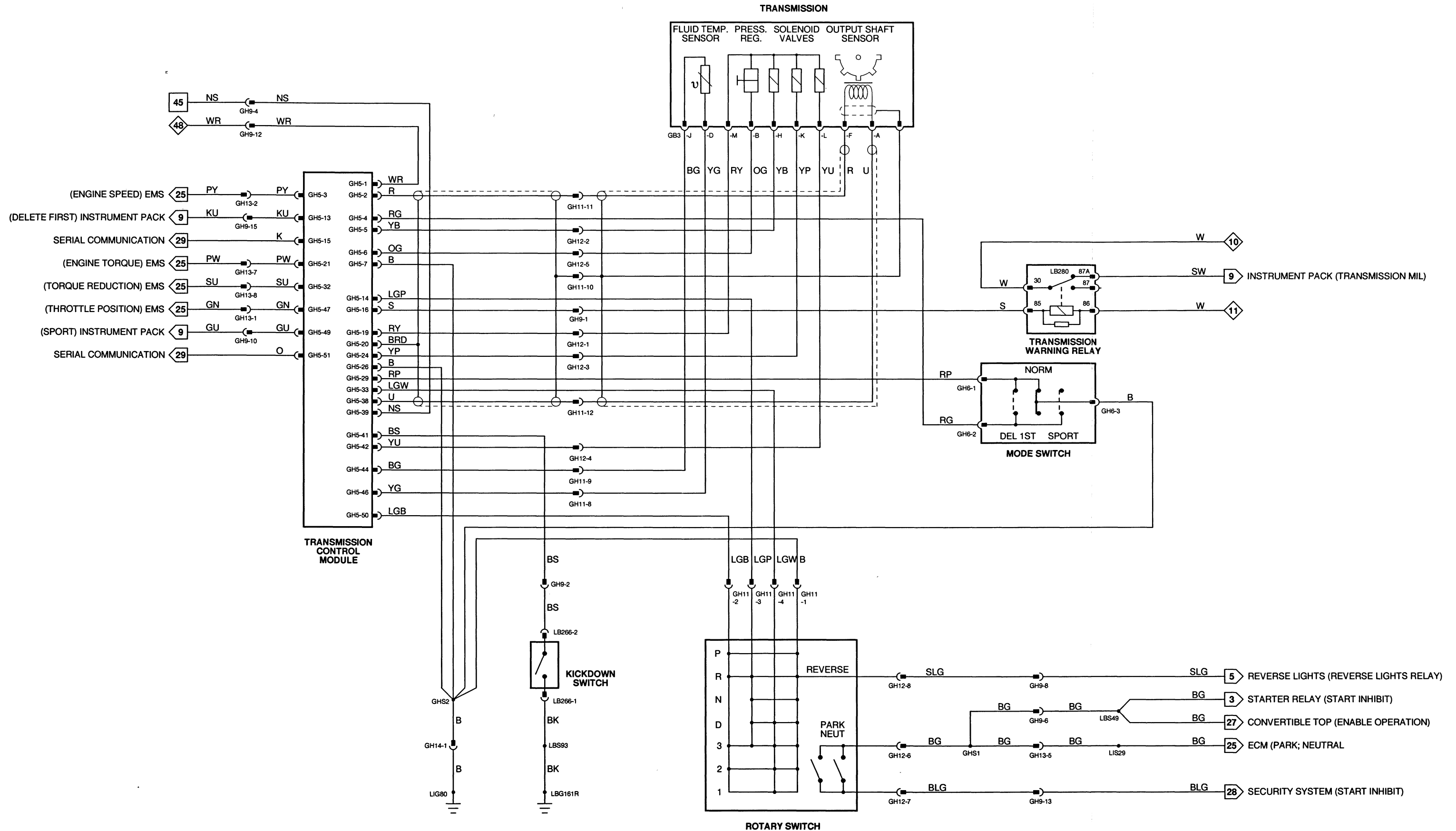
## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161R	EYELET	LEFT TRANSMISSION TUNNEL, ADJACENT TO DASH SUPPORT / LOGIC GROUND
LIG80	EYELET	ENGINE COMPARTMENT BEHIND ABS PUMP ON BULKHEAD / POWER GROUND

## INPUTS / OUTPUTS

### TRANSMISSION CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
GH5-1	INPUT	TRANSMISSION POWER RELAY	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
GH5-2	INPUT	OUTPUT SHAFT SPEED SENSOR	0 MPH: 1.8 MV AC; 10 MPH: 2.2V AC; 30 MPH: 6.5V AC	0V
GH5-3	INPUT	ENGINE SPEED SIGNAL	PULSED VOLTAGE	DELETE FIRST: GROUND
GH5-4	INPUT	MODE SWITCH	SPORT: GROUND	"P", "R", "N", "1", "4": 12V
GH5-5	OUTPUT	SOLENOID VALVE #1 (MV1)	"2", "3": GROUND	MAXIMUM PRESSURE: 12V
GH5-6	OUTPUT	PRESSURE REGULATOR SOLENOID	PULSED GROUND	GROUND
GH5-7	INPUT	POWER GROUND	GROUND	LIGHT OFF: OPEN CIRCUIT
GH5-13	OUTPUT	DELETE FIRST LIGHT	LIGHT ON: 12V	"R", "N", "3", "2": GROUND
GH5-14	INPUT	ROTARY SWITCH	KEY ON, "P", "2": 12V	—
GH5-15	INPUT	SERIAL COMMUNICATIONS DATA LINK	PDU	LIGHT OFF: 12V
GH5-16	OUTPUT	TRANSMISSION WARNING RELAY	LIGHT ON: GROUND	KEY OFF: OPEN CIRCUIT
GH5-18	OUTPUT	TRANSMISSION SOLENOIDS	ENGINE RUNNING, NO FAULTS: 12V	SHIELD GROUND
GH5-19	OUTPUT	SHIELD OUTPUT SHAFT SPEED SENSOR	SHIELD GROUND	—
GH5-20	OUTPUT	ENGINE CONTROL MODULE - ENGINE LOAD	BATTERY VOLTAGE / REDUCING WITH ENGINE LOAD	"3", "4": 12V
GH5-21	INPUT	SOLENOID VALVE #2 (MV2)	"P", "R", "N", "D", "1", "2": GROUND	GROUND
GH5-24	OUTPUT	POWER GROUND	GROUND	DELETE FIRST: GROUND
GH5-26	INPUT	TRANSMISSION MODE SWITCH	NORMAL: GROUND	KEY OFF: OPEN CIRCUIT
GH5-29	OUTPUT	IGNITION TIMING RETARD	ENGINE RUNNING: 11V	"D", "3", "2": GROUND
GH5-32	INPUT	ROTARY SWITCH	KEY ON, "P", "R", "N": 12V	GROUND
GH5-33	INPUT	OUTPUT SHAFT SPEED SENSOR	GROUND	12V
GH5-36	INPUT	MEMORY POWER SUPPLY	12V	SWITCH RELEASED: 12V
GH5-39	INPUT	KICKDOWN SWITCH	SWITCH PRESSED: GROUND	RELEASED: 12V
GH5-41	OUTPUT	SOLENOID VALVE #3 - LOCK-UP	LOCK-UP ON: GROUND	GROUND
GH5-42	OUTPUT	FLUID TEMPERATURE SENSOR	GROUND	70° F = 0.95V, 180° F = 1.4V ±0.1V, INCREASES WITH TEMPERATURE
GH5-44	OUTPUT	FLUID TEMPERATURE SENSOR	70° F = 0.95V, 180° F = 1.4V ±0.1V, INCREASES WITH TEMPERATURE	1.26 VDC AT CLOSED THROTTLE, 9.2 VDC AT FULL THROTTLE
GH5-47	INPUT	THROTTLE POSITION SENSOR	SPORT LIGHT ON: GROUND	SPORT LIGHT OFF: 12V
GH5-49	OUTPUT	SPORT MODE INDICATOR	KEY ON, "P", "R", "3", "2": GROUND	"D", "N": 12V
GH5-50	INPUT	ROTARY SWITCH	PDU	—
GH5-51	OUTPUT	SERIAL COMMUNICATIONS DATA LINK	PDU	—



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

◇ FIG NUMBER REFERENCE

# FIG 27 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
CONVERTIBLE TOP CONTROL MODULE	ADJACENT TO BATTERY AND PUMP UNIT	BATTERY TRIM
CONVERTIBLE TOP FUSE	ADJACENT TO BATTERY AND PUMP UNIT	BATTERY TRIM
CONVERTIBLE TOP MOTOR	ADJACENT TO BATTERY AND PUMP UNIT	BATTERY TRIM
CONVERTIBLE TOP SWITCH	CENTER CONSOLE	REMOVE TRIM
PARKING BRAKE SWITCH	PARKING BRAKE	REMOVE TRIM
QUARTER WINDOW MOTOR - LEFT	LEFT REAR WINDOW	BEHIND TRIM COVER
QUARTER WINDOW MOTOR - RIGHT	RIGHT REAR WINDOW	BEHIND TRIM COVER
RELAY - LEFT QUARTER DOWN (HH20)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - LEFT QUARTER UP (HH21)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - RIGHT QUARTER DOWN (HH24)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - RIGHT QUARTER UP (HH25)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - TOP DOWN (HH22)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
RELAY - TOP UP (HH23)	CONVERTIBLE TOP COMPONENT PANEL	ADJACENT TO BATTERY TRAY
THERMAL BREAKERS	LUGGAGE LOCKER	REMOVE COVER
TRANSMISSION ROTARY SWITCH	LEFT SIDE OF GEARBOX	ON GEARBOX

## CONNECTORS

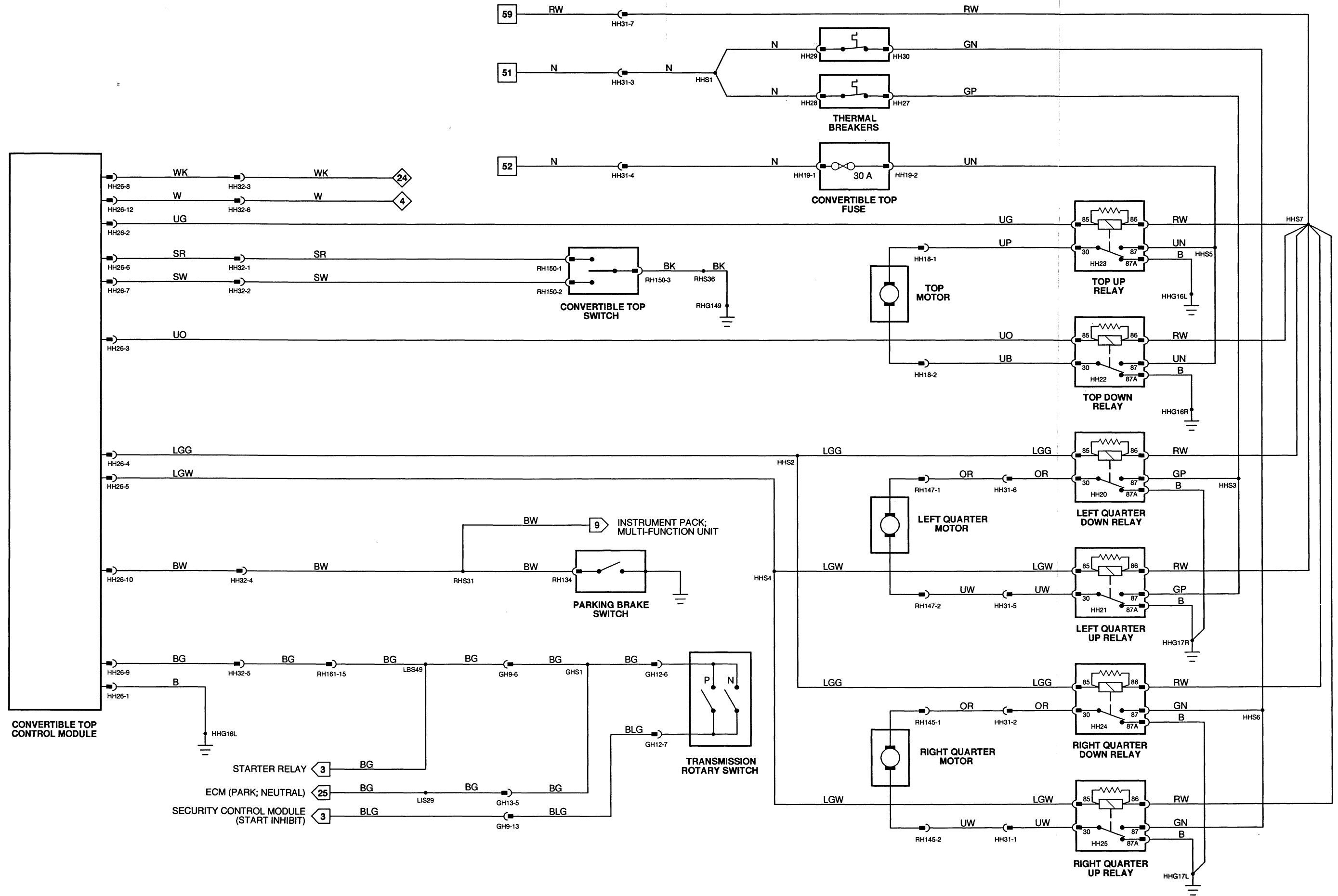
CODE	DESCRIPTION	LOCATION / INTERFACE
GH9	16-WAY SUMITOMO BLOCK (BLACK)	BELOW RIGHT A/C OUTLET / ROTARY SWITCH HARNESS
GH12	8-WAY MULTILOCK 70 (WHITE)	RIGHT SIDE OF A/C UNIT / TRANSMISSION ROTARY SWITCH
GH13	20-WAY MULTILOCK 40 (BLACK)	BELOW LOWER RIGHT A/C OUTLET / ENGINE MANAGEMENT HARNESS
HH18	2-WAY SPADE (WHITE)	AT TOP MOTOR / TOP MOTOR
HH19	2-WAY FUSE HOLDER (BLACK)	BETWEEN HOOD PUMP AND INNER FENDER / CONVERTIBLE TOP FUSE
HH20	RELAY BASE (WHITE)	CONVERTIBLE TOP COMPONENT PANEL / LEFT QUARTER DOWN RELAY
HH21	RELAY BASE (YELLOW)	CONVERTIBLE TOP COMPONENT PANEL / LEFT QUARTER UP RELAY
HH22	RELAY BASE (BLUE)	CONVERTIBLE TOP COMPONENT PANEL / TOP DOWN RELAY
HH23	RELAY BASE (GREEN)	CONVERTIBLE TOP COMPONENT PANEL / TOP UP RELAY
HH24	RELAY BASE (BLACK)	CONVERTIBLE TOP COMPONENT PANEL / RIGHT QUARTER DOWN RELAY
HH25	RELAY BASE (RED)	CONVERTIBLE TOP COMPONENT PANEL / RIGHT QUARTER UP RELAY
HH26	13-WAY SUMITOMO BLOCK (WHITE)	BELOW CONVERTIBLE TOP COMPONENT PANEL / CONVERTIBLE TOP CONTROL MODULE
HH27	250 BLADE (BLACK)	FRONT OF CONV. TOP COMPONENT PANEL / LEFT QUARTER MOTOR THERMAL BREAKER
HH28	250 BLADE (BLACK)	FRONT OF CONV. TOP COMPONENT PANEL / LEFT QUARTER MOTOR THERMAL BREAKER
HH29	250 BLADE (BLACK)	REAR OF CONV. TOP COMPONENT PANEL / RIGHT QUARTER MOTOR THERMAL BREAKER
HH30	250 BLADE (BLACK)	REAR OF CONV. TOP COMPONENT PANEL / RIGHT QUARTER MOTOR THERMAL BREAKER
HH31	6-WAY MULTILOCK 40 (WHITE)	BETWEEN RELAY MOUNTING BRACKET AND RR WHEEL ARCH / REAR HARNESS
HH32	6-WAY SUMITOMO STD. (WHITE)	BETWEEN RELAY MOUNTING BRACKET AND RR WHEEL ARCH / REAR HARNESS
RH134	250 BLADE (WHITE)	PARKING BRAKE SWITCH / BULB FAIL. UNIT
RH145	3-WAY PM 5 (BLACK)	BEHIND REAR QUARTER TRIM / RIGHT QUARTER MOTOR
RH147	3-WAY PM 5 (BLACK)	BEHIND REAR QUARTER TRIM / LEFT QUARTER MOTOR
RH150	6-WAY AMP SOCKET (WHITE)	CENTER CONSOLE / CONVERTIBLE TOP SWITCH
RH151	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
HHG16L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
HHG16R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
HHG17L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
HHG17R	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND

## INPUTS / OUTPUTS

CONVERTIBLE TOP CONTROL MODULE			ACTIVE	INACTIVE
CODE	IN / OUT	CIRCUIT		
HH26-1	INPUT	POWER GROUND	GROUND	GROUND
HH26-2	OUTPUT	CONVERTIBLE TOP UP RELAY	GROUND	12V
HH26-3	OUTPUT	CONVERTIBLE TOP DOWN RELAY	GROUND	12V
HH26-4	OUTPUT	LEFT/RIGHT QUARTER DOWN RELAY	GROUND	12V
HH26-5	OUTPUT	LEFT/RIGHT QUARTER UP RELAY	GROUND AFTER 8 SEC. DELAY	12V
HH26-6	INPUT	CONVERTIBLE TOP SWITCH - UP	BUTTON IN: GROUND	BUTTON OUT: 5V
HH26-7	INPUT	CONVERTIBLE TOP SWITCH - DOWN	BUTTON IN: GROUND	BUTTON OUT: 5V
HH26-8	INPUT	IGNITION SWITCHED POWER	12V	0V
HH26-9	INPUT	PARKING BRAKE SWITCH	BRAKE ON: GROUND	OFF: 12V
HH26-10	INPUT	ROTARY SWITCH	"P" OR "N": GROUND	"D" OR "R": 12V
HH26-12	INPUT	IGNITION SWITCHED POWER	12V	0V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE



# FIG 28 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
DIODE - LBD10	BULKHEAD HARNESS BEHIND RIGHT SIDE COMPONENT PANEL	PASSENGER'S LOWER DASH PANEL
DOOR SWITCH - DRIVER'S	DRIVER'S 'A' POST	LEFT UNDER DASH PANEL
DOOR SWITCH - PASSENGER'S	PASSENGER'S 'A' POST	RIGHT UNDER DASH PANEL
MULTI-FUNCTION UNIT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
RELAY - HEADLIGHT FLASH (LB293)	LEFT COMPONENT PANEL	LEFT UNDER DASH PANEL
SECURITY CONTROL MODULE	RIGHT TAIL LIGHT CLUSTER	LENS TRIM PANEL
SECURITY SYSTEM ANTENNA	RIGHT QUARTER MOTOR TRIM	QUARTER WINDOW TRIM
SOUNDER	LEFT FRONT WHEEL ARCH	WHEEL ARCH TRIM
TRUNK LIGHT SWITCH	TRUNK LATCH ASSEMBLY	REMOVE LATCH
WARNING LED	CIGAR LIGHTER BEZEL	CENTER CONSOLE TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BF3	10-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / REARWARD HARNESS
BL12	2-WAY AMP (WHITE)	ABOVE TRUNK LATCH MECHANISM / TRUNK LIGHT SWITCH
CH17	16-WAY SUMITOMO BLOCK (WHITE)	BELOW RIGHT A/C OUTLET / CENTER HARNESS
CH20	2-WAY MULTILOCK 40 (GREEN)	BELOW CIGAR LIGHTER BEZEL / SECURITY LED
CH21	4-WAY MULTILOCK 40 (BLACK)	REAR EDGE OF CENTER CONSOLE / SECURITY SWITCH (IF FIT)
LB133	20-WAY MULTILOCK 40 (BLACK)	RIGHT COMPONENT PANEL / MULTI FUNCTION UNIT
LB140	2-WAY SUMITOMO STD. (RED)	RIGHT UNDER DASH PANEL, 6" FROM 'A' POST / PASSENGER'S DOOR SWITCH
LB188	2-WAY SUMITOMO STD. (WHITE)	LEFT UNDER DASH PANEL, 6" FROM 'A' POST / DRIVER'S DOOR SWITCH
LB293	RELAY BASE (GREEN)	LEFT COMPONENT PANEL / HEADLIGHT FLASH RELAY
LF1	16-WAY SUMITOMO BLOCK (RED)	LOWER LEFT 'A' POST / LEFT FRONT HARNESS
LF44	PM 5 (BLUE)	LEFT FRONT INNER WHEEL ARCH / SOUNDER
PS1	16-WAY SUMITOMO BLOCK (BLACK)	INSIDE RIGHT 'A' POST / PASSENGER'S DOOR HARNESS
RH174	13-WAY SUMITOMO BLOCK (WHITE)	BELOW LEFT A/C OUTLET / SECURITY SYSTEM HARNESS
RH177	16-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH178	12-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH179	20-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE
RH190	20-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT CLUSTER / SECURITY CONTROL MODULE

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LGB161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG269	EYELET	RIGHT 'A' POST FASCIA END PANEL / POWER GROUND
RHG105L	EYELET	LEFT REAR WHEEL ARCH / POWER GROUND
RHG149	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
RHG156	EYELET	BEHIND RIGHT REAR TAIL LIGHT CLUSTER / POWER GROUND

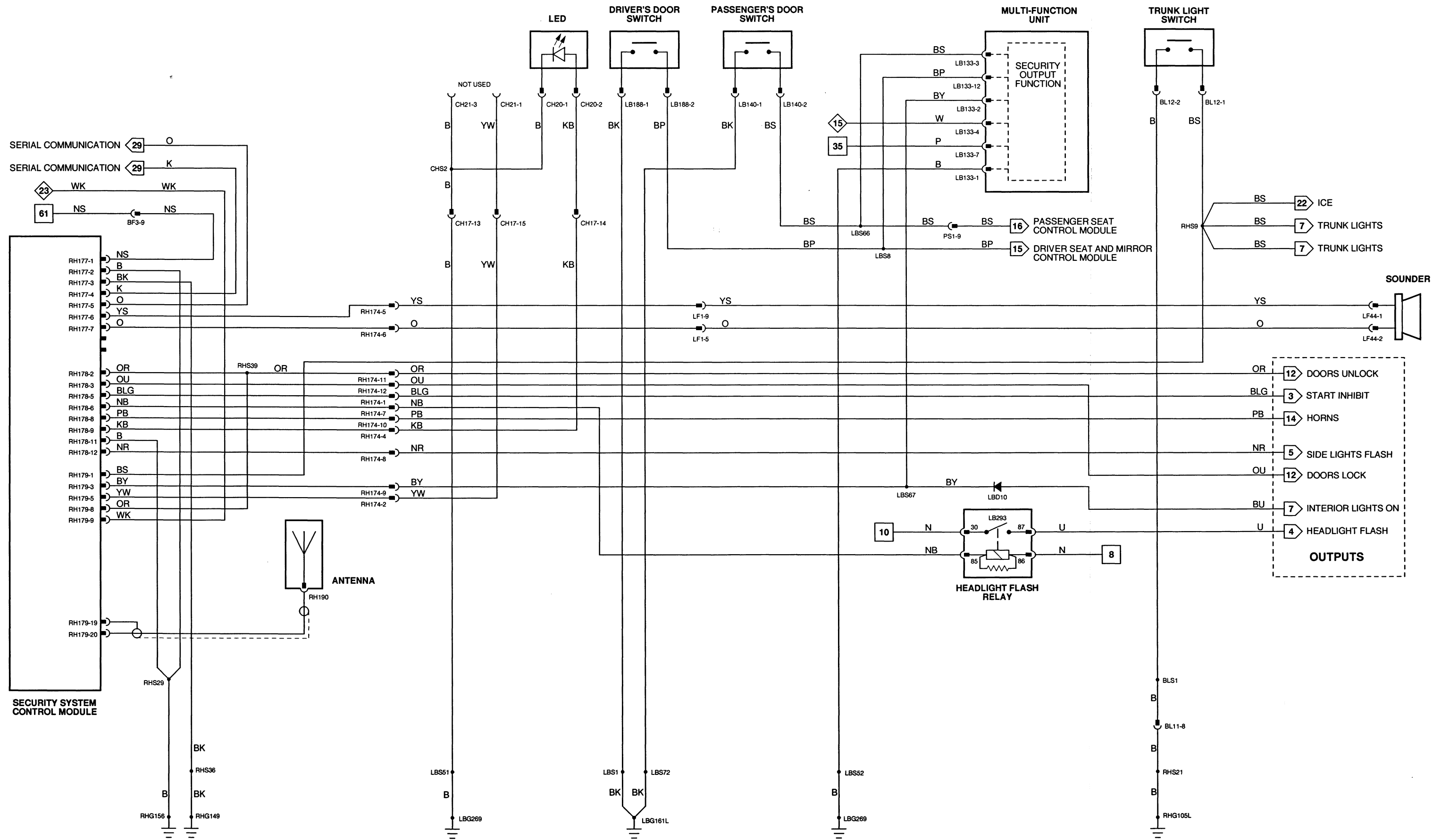
## INPUTS / OUTPUTS

### SECURITY CONTROL MODULE

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
RH177-1	INPUT	BATTERY POWER	12V	12V
RH177-2	INPUT	POWER GROUND	GROUND	GROUND
RH177-3	INPUT	POWER GROUND	GROUND	GROUND
RH177-4	INPUT	SERIAL COMMUNICATIONS	PDU	-
RH177-5	OUTPUT	SERIAL COMMUNICATIONS	PDU	-
RH177-6	OUTPUT	SOUNDER (1/2 PUSH/PULL SYSTEM)	PULSED VOLTAGE	PULSED VOLTAGE
RH177-7	OUTPUT	SOUNDER (1/2 PUSH/PULL SYSTEM)	PULSED VOLTAGE	PULSED VOLTAGE
RH178-2	OUTPUT	DOORS UNLOCK	UNLOCKED: GROUND	LOCKED: PULSE TO 4V
RH178-3	OUTPUT	DOORS LOCK	LOCKED: GROUND	UNLOCKED: 3mV
RH178-5	OUTPUT	START INHIBIT	STARTER CIRCUIT INHIBITED: 12V	STARTER CIRCUIT ENABLED: GROUND WHEN CRANKING
RH178-6	OUTPUT	HEADLIGHTS FLASH	LIGHTS ON: GROUND	LIGHTS OFF: 12V
RH178-8	OUTPUT	HORNS	HORNS ON: GROUND	HORNS OFF: 12V
RH178-9	OUTPUT	SECURITY LED	LED ON: 2V	LED OFF: 5mV
RH178-11	INPUT	POWER GROUND	GROUND	GROUND
RH178-12	OUTPUT	SIDELIGHTS FLASH	LIGHTS ON: GROUND	LIGHTS OFF: 12V
RH179-1	INPUT	TRUNK LIGHT SWITCH	TRUNK OPEN: GROUND	TRUNK CLOSED: 12V
RH179-3	INPUT	DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 5V
RH179-5	INPUT	VALET SWITCH	GROUND	OPEN CIRCUIT
RH179-8	OUTPUT	DOORS UNLOCK	UNLOCK: GROUND	LOCK: PULSE TO 4V
RH179-9	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
RH179-19	OUTPUT	ANTENNA SHIELD	GROUND	GROUND
RH179-20	INPUT	ANTENNA	-	-

### MULTI-FUNCTION UNIT

CODE	IN / OUT	CIRCUIT	ACTIVE	INACTIVE
LB133-1	INPUT	POWER GROUND	GROUND	GROUND
LB133-2	OUTPUT	DOOR OPEN	DOOR OPEN: GROUND	DOOR CLOSED: 4V
LB133-3	INPUT	PASSENGER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V
LB133-4	INPUT	IGNITION SWITCHED POWER	KEY ON: 12V	KEY OFF: OPEN CIRCUIT
LB133-7	INPUT	BATTERY POWER	12V	12V
LB133-12	INPUT	DRIVER'S DOOR SWITCH	DOOR OPEN: GROUND	DOOR CLOSED: 12V



□ BATTERY POWER (FIG 1)

◇ IGNITION POWER (FIG 2)

▭ FIG NUMBER REFERENCE

# FIG 29 DATA

## COMPONENTS

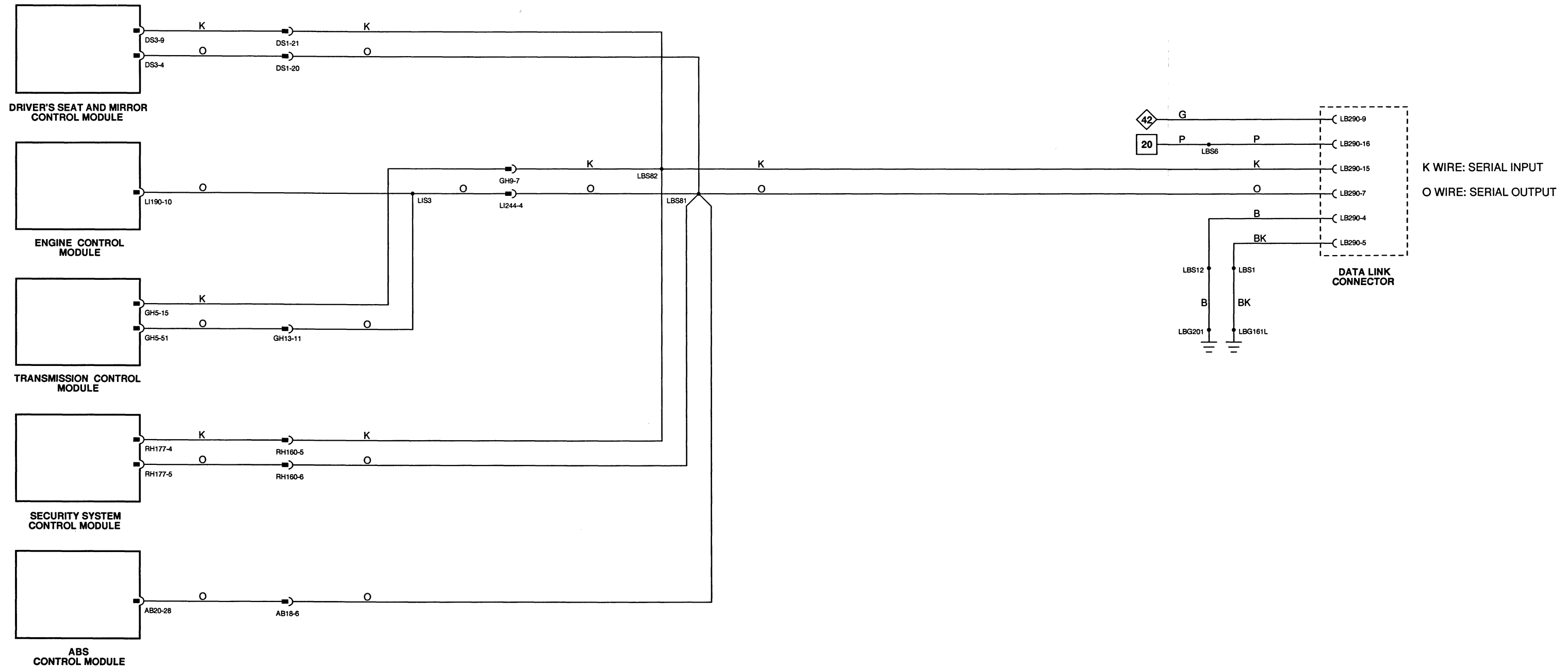
DESCRIPTION	LOCATION	ACCESS
ABS CONTROL MODULE	ENGINE COMPARTMENT, RIGHT REAR	ENGINE COMPARTMENT
DATA LINK CONNECTOR	TRUNK, RIGHT, BY REAR FUSE PANEL	RIGHT TRUNK TRIM
DRIVER'S SEAT AND MIRROR CONTROL MODULE	FRONT OF DRIVER'S SEAT	REMOVE FOOTWELL COVER
ENGINE CONTROL MODULE	RIGHT 'A' POST	RIGHT 'A' POST TRIM
SECURITY CONTROL MODULE	BEHIND RIGHT TAIL LIGHT CLUSTER	RIGHT TAIL LIGHT TRIM
TRANSMISSION CONTROL MODULE	COUPE: PASSENGER'S 'B/C' POST CONV.: ADJACENT TO BATTERY	'B/C' POST TRIM BATTERY TRIM

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
AB20	28-WAY FORD GTE (SLATE)	ENGINE BAY, UNDER ABS MODULATOR / ABS CONTROL MODULE
DS1	24-WAY SUMITOMO BLOCK (WHITE)	LEFT 'A' POST / DRIVERS SEAT CONTROL MODULE
DS3	12-WAY AMP PCB POWER (BLACK)	DRIVER'S FOOTWELL / DRIVER'S SEAT AND MIRROR CONTROL MODULE
GH5	55-WAY AMP CONNECTOR (BLACK)	COUPE: RIGHT 'B/C' POST / TRANSMISSION CONTROL MODULE CONV.: ADJACENT TO BATTERY / TRANSMISSION CONTROL MODULE
GH9	16-WAY SUMITOMO BLOCK (BLACK)	BEHIND LOWER RIGHT A/C OUTLET / BULKHEAD HARNESS
GH13	20-WAY MULTILOCK 40 (BLACK)	SIDE OF TRANSMISSION TUNNEL / TRANSMISSION CONTROL MODULE
LI190	36-WAY ECONOSEAL III LC (RED)	RIGHT FRONT FOOTWELL / ENGINE CONTROL MODULE (LOW POWER BOARD)
LB290	16-WAY AMP OBD II J1982 (SLATE)	LEFT 'A' POST BY HOOD RELEASE / DATA LINK CONNECTOR
LI244	20-WAY AMP MULTILOCK 70 (WHITE)	RIGHT 'A' POST BEHIND ECM / ENGINE MANAGEMENT HARNESS
RH160	24-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS
RH177	16-WAY MULTILOCK 70 (BLACK)	BEHIND RIGHT TAIL LIGHT / SECURITY CONTROL MODULE

## GROUNDS

CODE	DESCRIPTION	LOCATION / INTERFACE
LBG161L	EYELET	LEFT TRANSMISSION TUNNEL ADJACENT TO DASH SUPPORT / LOGIC GROUND
LBG201	EYELET	LEFT 'A' POST FASCIA END PANEL / POWER GROUND



K WIRE: SERIAL INPUT  
 O WIRE: SERIAL OUTPUT

DATA LINK CONNECTOR

# FIG 30 DATA

## COMPONENTS

DESCRIPTION	LOCATION	ACCESS
BULB FAILURE UNIT - LEFT FRONT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
BULB FAILURE UNIT - LEFT REAR	LEFT TAIL LIGHT	TRUNK, LEFT LIGHT TRIM
BULB FAILURE UNIT - RIGHT FRONT	RIGHT COMPONENT PANEL	RIGHT UNDER DASH PANEL
BULB FAILURE UNIT - RIGHT REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
DIODE - DRD1	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
DIODE - DRD2	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
FUSE PANEL - FRONT	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
FUSE PANEL - REAR	RIGHT TAIL LIGHT	TRUNK, RIGHT LIGHT TRIM
HEADLIGHT CONTROL MODULE	LEFT FRONT INNER FENDER	ENGINE COMPARTMENT
RELAY - DAYTIME RUNNING LIGHTS (DR1)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - DAYTIME RUNNING LIGHTS (DR2)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - DAYTIME RUNNING LIGHTS (DR3)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT
RELAY - SIDE LIGHTS (LF10)	LEFT FRONT COMPONENT PANEL	ENGINE COMPARTMENT, LEFT

## CONNECTORS

CODE	DESCRIPTION	LOCATION / INTERFACE
BF1	FUSE PANEL CONNECTOR (BLACK)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF2	12-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / REAR FUSE PANEL
BF3	10-WAY MULTILOCK 70 (WHITE)	ADJACENT TO RIGHT TAIL LIGHT CLUSTER / RIGHT REAR HARNESS
BL5	.187 BLADE (WHITE)	LEFT REAR LICENSE / LEFT LICENSE BULB
BL6	.187 BLADE (WHITE)	LEFT REAR LICENSE / LEFT LICENSE BULB
BL8	.187 BLADE (WHITE)	RIGHT REAR LICENSE / RIGHT LICENSE BULB
BL9	.187 BLADE (WHITE)	RIGHT REAR LICENSE / RIGHT LICENSE BULB
BL11	8-WAY SUMITOMO STD. (WHITE)	TOP RIGHT OF FUEL TANK / REAR LIGHTING HARNESS GROUND
DR1	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / DAYTIME RUNNING LIGHTS RELAY
DR2	RELAY BASE (PURPLE)	LEFT FRONT COMPONENT PANEL / DAYTIME RUNNING LIGHTS RELAY
DR3	RELAY BASE (PURPLE)	LEFT FRONT COMPONENT PANEL / DAYTIME RUNNING LIGHTS RELAY
DR4	6-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT INNER FENDER / DAYTIME RUNNING LIGHTS HARNESS
DR5	4-WAY SUMITOMO SEALED	LEFT FRONT INNER FENDER / DAYTIME RUNNING LIGHTS HARNESS
LB121	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB122	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB123	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - LEFT FRONT
LB124	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LB125	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LB126	.250 BLADE (BLACK)	RIGHT COMPONENT PANEL / BULB FAIL. UNIT - RIGHT FRONT
LF1	16-WAY SUMITOMO BLOCK (RED)	LEFT 'A' POST / BULKHEAD HARNESS
LF6	6-WAY AMP (BLACK)	LEFT FRONT COMPONENT PANEL / HEADLIGHT CONTROL MODULE
LF10	RELAY BASE (BLUE)	LEFT FRONT COMPONENT PANEL / SIDELIGHTS RELAY
LF22	4-WAY SUMITOMO SEALED (GREEN)	RIGHT RADIATOR SUPPORT / RIGHT FRONT PARKING LIGHTS
LF26	2-WAY SUMITOMO SEALED (BLUE)	BEHIND RIGHT FRONT SIDE MARKER / RIGHT FRONT SIDE MARKER BULB
LF29	4-WAY SUMITOMO SEALED (GREEN)	LEFT FRONT INNER WHEEL ARCH / LEFT FRONT PARKING LIGHTS
LF30	2-WAY SUMITOMO SEALED (BLUE)	BEHIND LEFT FRONT SIDE MARKER / LEFT FRONT SIDE MARKER BULB
LF37	FUSE PANEL CONNECTOR (BLACK)	LEFT FRONT COMPONENT PANEL / FRONT FUSE PANEL
RH95	2-WAY SUMITOMO SEALED (BLUE)	RIGHT REAR SIDE MARKER / RIGHT SIDE MARKER BULB
RH96	4-WAY SUMITOMO STD. (WHITE)	RIGHT TAIL LIGHT / RIGHT TAIL LIGHT
RH98	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH99	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH100	.250 BLADE (WHITE)	ABOVE RIGHT TAIL LIGHT / BULB FAIL. UNIT - RIGHT REAR
RH116	2-WAY SUMITOMO SEALED (BLUE)	LEFT REAR SIDE MARKER / LEFT SIDE MARKER BULB
RH119	4-WAY SUMITOMO STD. (WHITE)	LEFT TAIL LIGHT / LEFT TAIL LIGHT
RH120	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAIL. UNIT - LEFT REAR
RH121	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAIL. UNIT - LEFT REAR
RH122	.250 BLADE (WHITE)	ABOVE LEFT TAIL LIGHT / BULB FAIL. UNIT - LEFT REAR
RH161	20-WAY SUMITOMO BLOCK (WHITE)	BELOW LOWER LEFT A/C OUTLET / REARWARD HARNESS

## GROUND

CODE	DESCRIPTION	LOCATION / INTERFACE
LFG14L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFG18L	EYELET	TOP LEFT RADIATOR SUPPORT MOUNT / POWER GROUND
LFG18R	EYELET	TOP RIGHT RADIATOR SUPPORT MOUNT / POWER GROUND
RHG105L	EYELET	RIGHT REAR INNER WHEEL ARCH / POWER GROUND
RHG111L	EYELET	LEFT REAR INNER WHEEL ARCH / POWER GROUND

