

**General Electronic Module**

	Pin	Description and Characteristic
O	CA86-03	INTERIOR LAMPS : TO ACTIVATE, GEM SWITCHES CIRCUIT TO GROUND
PG	CA86-05	POWER GROUND
I	CA86-14	RESET SWITCH: OPEN CIRCUIT / GROUND
I	CA86-15	TAIL GLASS RELEASE SWITCH: GROUND WHEN ACTIVATED
I	CA86-16	SET SWITCH: OPEN CIRCUIT / GROUND
I	CA87-15	LH REAR DOOR AJAR: DOOR OPEN = OPEN CIRCUIT; DOOR CLOSED = GROUND
I	IP5-03	SEDAN (EXCEPT JAPAN AND S. KOREA): EXTERNAL ANTENNA
S	IP5-18	SCP -
S	IP5-19	SCP +
SG	IP6-01	LOGIC GROUND: GROUND
I	IP6-21	PASSENGER DOOR AJAR: DOOR OPEN = OPEN CIRCUIT; DOOR CLOSED = GROUND
I	IP6-22	DRIVER DOOR AJAR: DOOR OPEN = OPEN CIRCUIT; DOOR CLOSED = GROUND
B+	JB172-05	BATTERY POWER SUPPLY (TURN SIGNALS): B+

**Fig. 09.1**

**COMPONENTS**

Component	Connector(s)	Connector Description	Location
DOOR LATCH – DRIVER	DD3	8-WAY / BLACK	DRIVER DOOR
	DD9	2-WAY / BLACK	
DOOR LATCH – LH REAR	BL3	8-WAY / BLACK	LH REAR DOOR
	BL6	2-WAY / BLACK	
DOOR LATCH – PASSENGER	PD3	8-WAY / BLACK	PASSENGER DOOR
	PD9	2-WAY / BLACK	
DOOR LATCH – RH REAR	BR3	8-WAY / BLACK	RH REAR DOOR
	BR6	2-WAY / BLACK	
FOOTWELL LAMP – LH	IP27	2-WAY / GREY	INSTRUMENT PANEL / LH SIDE
FOOTWELL LAMP – RH	IP26	2-WAY / GREY	INSTRUMENT PANEL / RH SIDE
GENERAL ELECTRONIC MODULE	CA86	23-WAY / GREY	BEHIND INSTRUMENT PANEL / RH SIDE
	CA87	23-WAY / GREEN	
	IP5	23-WAY / BROWN	
	IP6	23-WAY / NATURAL	
	JB172	23-WAY / BLUE	
GLOVE BOX LAMP	IP25	2-WAY / BROWN	GLOVE BOX
INTERIOR LAMP – REAR	RC11	2-WAY / BLACK	REAR HEAD LINER
	RC20	1-WAY / ORANGE	
RF MODULE	RC35	3-WAY / BLACK	ROOF CONSOLE
ROOF CONSOLE – PRINTED CIRCUIT BOARD	RC23	20-WAY / WHITE	ROOF CENTER FRONT
ROOF CONSOLE – WITHOUT PRINTED CIRCUIT BOARD	RC30	4-WAY / BLACK	ROOF CENTER FRONT
	RC31	2-WAY / BLACK	
	RC33	4-WAY / BLACK	
	RC34	6-WAY / BLACK	
TAIL GATE LATCH	WT6	6-WAY / BLACK	TAIL GATE
TAIL GLASS LATCH	WT7	4-WAY / BLACK	TAIL GATE
TRUNK LAMP – LH: ESTATE (WAGON)	CA434	2-WAY / BLACK	LH REAR INTERIOR TRIM
TRUNK LAMP – RH: ESTATE (WAGON)	CA433	2-WAY / BLACK	RH REAR INTERIOR TRIM
TRUNK LAMP – SEDAN	CA132	2-WAY / BLACK	TRUNK / RH SIDE
TRUNK LOCK MOTOR	TM6	5-WAY / NATURAL	TRUNK LID
VANITY MIRROR LAMP – LH	RC9	2-WAY / BLACK	LH SUN VISOR
VANITY MIRROR LAMP – RH	RC8	2-WAY / BLACK	RH SUN VISOR

**HARNES IN-LINE CONNECTORS**

Connector	Connector Description / Location	Location
CA1	22-WAY / NATURAL / INSTRUMENT PANEL HARNESS TO CABIN HARNESS	LH 'A' POST / 'A' POST TRIM
CA15	20-WAY / BLACK / CABIN HARNESS TO DRIVER DOOR HARNESS	DRIVER DOOR / DOOR CASING
CA16	20-WAY / BLACK / CABIN HARNESS TO DRIVER DOOR HARNESS	DRIVER DOOR / DOOR CASING
CA20	20-WAY / BLACK / CABIN HARNESS TO PASSENGER DOOR HARNESS	PASSENGER DOOR / DOOR CASING
CA25	14-WAY / NATURAL / CABIN HARNESS TO LH REAR DOOR HARNESS	LH 'B/C' POST / 'B/C' POST TRIM
CA30	14-WAY / NATURAL / CABIN HARNESS TO RH REAR DOOR HARNESS	RH 'B/C' POST / 'B/C' POST TRIM
CA36	16-WAY / GREEN / CABIN HARNESS TO ROOF HARNESS	LH 'A' POST / WINDSHIELD PILLAR
CA40	16-WAY / GREY / CABIN HARNESS TO ROOF HARNESS	RH 'A' POST / WINDSHIELD PILLAR
CA45	6-WAY / GREY / CABIN HARNESS TO TRUNK LID HARNESS	BEHIND LH 'E' POST TRIM
CA240	12-WAY / GREY / CABIN HARNESS TO INSTRUMENT PANEL HARNESS	LH LOWER 'A' POST / 'A' POST TRIM
TL10	6-WAY / GREY / TRUNK LINK LEAD TO TRUNK LID HARNESS	BELOW PARCEL SHELF / LH SIDE
WL1	8-WAY / BLACK / CABIN HARNESS TO TAIL GATE LINK LEAD	ROOF / CENTER REAR
WL3	3-WAY / BLACK / CABIN HARNESS TO TAIL GATE LINK LEAD	ROOF / CENTER REAR
WT1	8-WAY / BLACK / CABIN HARNESS TO TAIL GATE HARNESS	TAIL GATE
WT3	3-WAY / BLACK / CABIN HARNESS TO TAIL GATE HARNESS	TAIL GATE

**GROUNDS**

Ground	Harness	Location
G1	CA	TRUNK / UNDER LH TAIL LAMP UNIT
G2	CA	TRUNK / UNDER LH TAIL LAMP UNIT
G4	CA	LOWER RH 'A' POST
G5	IP	UPPER RH 'A' POST
G15	CA	LOWER LH 'A' POST
G37	IP	BEHIND INSTRUMENT PANEL / RH SIDE OF CROSS CAR BEAM

**FOR CONTROL MODULE PIN-OUT INFORMATION, UNFOLD PAGE TO LEFT.**

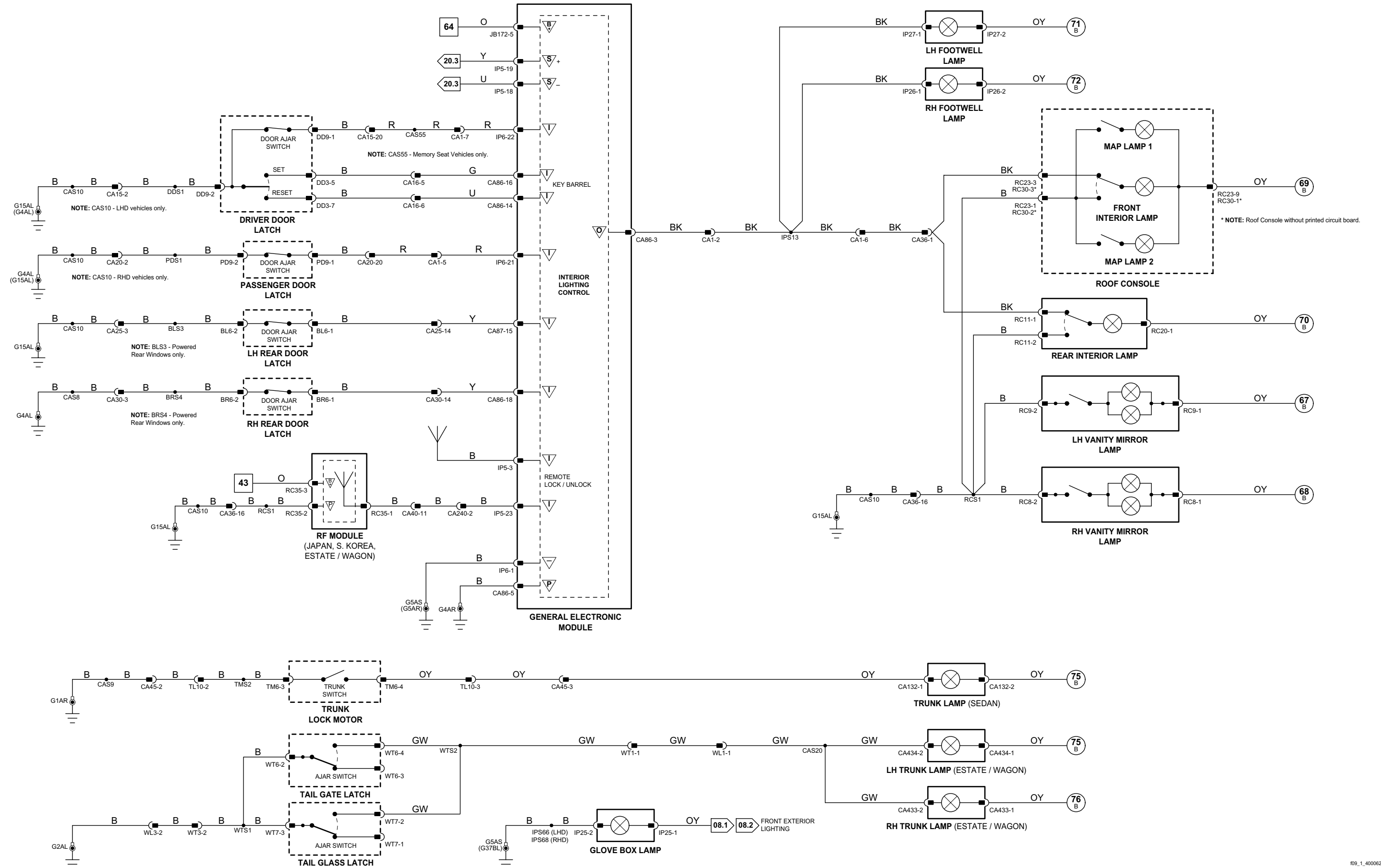
The following abbreviations are used to represent values for Control Module Pin-Out data

I	Input	PG	Power Ground	C	CAN Network	D	Serial and Encoded Data
O	Output	SS	Sensor / Signal Supply V	S	SCP Network	V	Voltage (DC)
B+	Battery Voltage	SG	Sensor / Signal Ground	D2	D2B Network	PWM	Pulse Width Modulated

**CAUTION:** The information on this data page is furnished to aid the user in understanding circuit operation. THIS INFORMATION SHOULD BE USED FOR REFERENCE ONLY.

**NOTE:** The values listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted.

Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, fuses, grounds, control modules and control module pins.



1 → 6 Fig. 01.1	34 → 79 Fig. 01.3	11 → 31 Fig. 01.5	67 → 76 Fig. 01.7	98 → 107 Fig. 01.9	▽ Input	▽ Battery Voltage	▽ Sensor/Signal Supply V	▽ CAN	▽ D2B Network
7 → 33 Fig. 01.2	1 → 10 Fig. 01.4	32 → 66 Fig. 01.6	77 → 97 Fig. 01.8		▽ Output	▽ Power Ground	▽ Sensor/Signal Ground	▽ SCP	▽ Serial and Encoded Data

VARIANT: All Vehicles  
 VIN RANGE: All  
 DATE OF ISSUE: January 2007

**Fig. 09.2****COMPONENTS**

Component	Connector(s)	Connector Description	Location
AUDIO UNIT	ID1	2-WAY / D2B	INSTRUMENT PANEL CENTER
	IP65	20-WAY / BLACK	
	IP106	2-WAY / METALLIC	
CIGAR LIGHTER	IP42	2-WAY / ORANGE	ASH TRAY
CLIMATE CONTROL MODULE – PANEL	AC1	26-WAY / YELLOW	BEHIND CLIMATE CONTROL PANEL
	IP39	4-WAY / GREY	
	IP101	26-WAY / WHITE	
	IP135	2-WAY / GREY	
	DD1	20-WAY / BLACK	
DOOR SWITCH PACK – DRIVER	BL1	8-WAY / BLACK	DRIVER DOOR CASING
DOOR SWITCH PACK – LH REAR	BL1	8-WAY / BLACK	LH REAR DOOR CASING
DOOR SWITCH PACK – PASSENGER	PD10	8-WAY / BLACK	PASSENGER DOOR CASING
DOOR SWITCH PACK – RH REAR	BR1	8-WAY / BLACK	RH REAR DOOR CASING
HAZARD AND SEAT HEATER SWITCHES	IP51	6-WAY / BLACK	CENTER CONSOLE
INSTRUMENT CLUSTER	IP10	26-WAY / WHITE	INSTRUMENT PANEL
	IP11	26-WAY / WHITE	
J-GATE MODULE	IP14	16-WAY / GREY	CENTER CONSOLE
MASTER LIGHTING SWITCH	IP17	16-WAY / BLACK	INSTRUMENT PANEL
ROOF CONSOLE – PRINTED CIRCUIT BOARD	RC23	20-WAY / WHITE	ROOF CENTER FRONT
STEERING WHEEL	SW4	6-WAY / BLACK	STEERING COLUMN
TELEMATICS DISPLAY	IP70	22-WAY / BLACK	CENTER CONSOLE
	IP136	2-WAY / METALLIC	
	IP137	2-WAY / METALLIC	
	IP138	2-WAY / METALLIC	
	IP139	2-WAY / METALLIC	
	IP29	6-WAY / BLACK	
	IP29	6-WAY / BLACK	
TRACTION CONTROL / DYNAMIC STABILITY CONTROL SWITCH	IP29	6-WAY / BLACK	INSTRUMENT PANEL

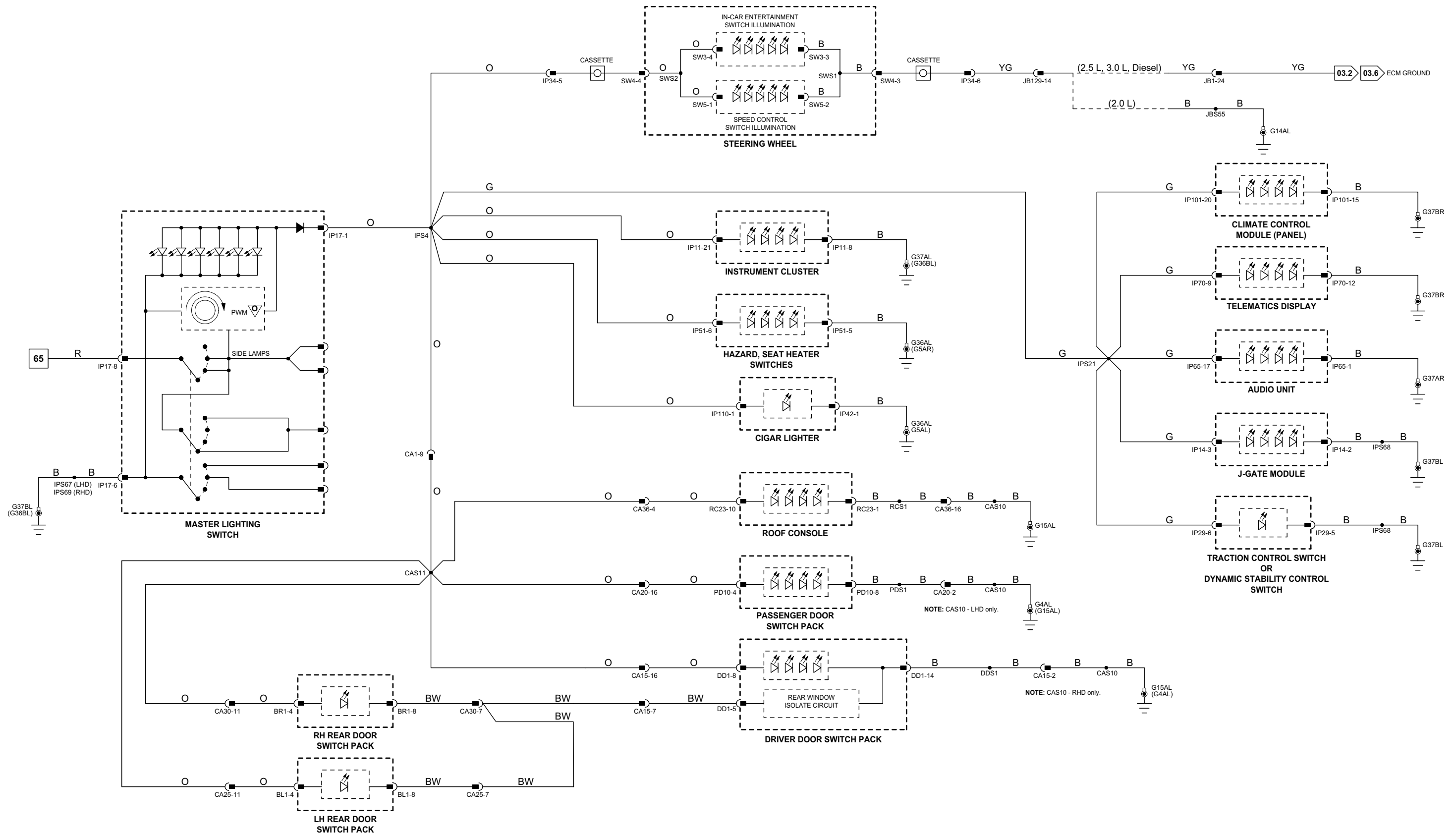
**HARNES IN-LINE CONNECTORS**

Connector	Connector Description / Location	Location
CA1	22-WAY / NATURAL / INSTRUMENT PANEL HARNESS TO CABIN HARNESS	LH 'A' POST / 'A' POST TRIM
CA15	20-WAY / BLACK / CABIN HARNESS TO DRIVER DOOR HARNESS	DRIVER DOOR / DOOR CASING
CA20	20-WAY / BLACK / CABIN HARNESS TO PASSENGER DOOR HARNESS	PASSENGER DOOR / DOOR CASING
CA25	14-WAY / NATURAL / CABIN HARNESS TO LH REAR DOOR HARNESS	LH 'B/C' POST / 'B/C' POST TRIM
CA30	14-WAY / NATURAL / CABIN HARNESS TO RH REAR DOOR HARNESS	RH 'B/C' POST / 'B/C' POST TRIM
CA36	16-WAY / GREEN / CABIN HARNESS TO ROOF HARNESS	LH 'A' POST / WINDSHIELD PILLAR
IP34	10-WAY / NATURAL / INSTRUMENT PANEL HARNESS TO STEERING WHEEL HARNESS	STEERING WHEEL CASSETTE
JB1	42-WAY / BLACK / ENGINE MANAGEMENT HARNESS TO JUNCTION BOX HARNESS	ENGINE COMPARTMENT / LH SIDE
JB129	22-WAY / GREY / JUNCTION BOX HARNESS TO INSTRUMENT PANEL HARNESS	BELOW INSTRUMENT PANEL / LH SIDE

**GROUNDS**

Ground	Harness	Location
G4	CA	LOWER RH 'A' POST
G14	JB	ENGINE COMPARTMENT / BEHIND POWER DISTRIBUTION FUSEBOX
G15	CA	LOWER LH 'A' POST
G35	CA	LOWER LH 'E' POST
G36	IP	BEHIND INSTRUMENT PANEL / LH SIDE OF CROSS CAR BEAM
G37	IP	BEHIND INSTRUMENT PANEL / RH SIDE OF CROSS CAR BEAM
G38	CA	UPPER LH 'E' POST

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7 → 33 Fig. 01.2	1 → 10 Fig. 01.4	32 → 66 Fig. 01.6	77 → 97 Fig. 01.8		Output	Power Ground	Sensor/Signal Ground	SCP	Serial and Encoded Data

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