

Fig. 17.1

CONTROL MODULE PIN OUT INFORMATION

BODY PROCESSOR MODULE

Pin	Description	Active	Inactive
O FC1-16	REAR WINDOW RAISE	GROUND	B+
O FC1-31	FRONT PASSENGER WINDOW RAISE	GROUND	B+
O FC1-36	SLIDING ROOF CLOSE	GROUND	B+
O FC1-37	DRIVER WINDOW RAISE	GROUND	B+
I FC2-28	REMOTE ALL CLOSE REQUEST	GROUND	B+

SLIDING ROOF CONTROL MODULE

Pin	Description	Active	Inactive
I CA84-2	ALL CLOSE REQUEST	GROUND	B+
I CA84-4	ALL CLOSE REQUEST TO BM	GROUND	B+
I CA84-5	TILT OPEN / SLIDE CLOSE REQUEST	GROUND	B+
I CA84-6	TILT CLOSE / SLIDE OPEN REQUEST	GROUND	B+
O SR1-1	SLIDING ROOF MOTOR	B+	GROUND
O SR1-3	SLIDING ROOF MOTOR	B+	GROUND

COMPONENTS

Component	Connector / Type / Color	Location / Access
BODY PROCESSOR MODULE	FC1 / 48-WAY PCB SIGNAL / YELLOW FC2 / 48-WAY PCB SIGNAL / BLACK FC3 / 6-WAY PCB SIGNAL / BLACK	PASSENGER'S UNDERSCUTTLE
CENTER CONSOLE SWITCH PACK	CC1 / 16-WAY MULTILOCK 040 / BLACK	CENTER CONSOLE
DOOR SWITCH PACK - DRIVER	DD1 / 12-WAY MULTILOCK 47 / WHITE DD2 / 22-WAY MULTILOCK 47 / WHITE	ARM REST / TOP ROLL
SLIDING ROOF CONTROL MODULE	CA84 / 6-WAY MULTILOCK 070 / WHITE SR1 / 3-WAY MULTILOCK 070 / WHITE	ROOF CONSOLE
SLIDING ROOF MOTOR	SR1 / 3-WAY MULTILOCK 070 / WHITE	ROOF CONSOLE
SLIDING ROOF SWITCH	CA83 / 8-WAY MULTILOCK 040 / BLACK	ROOF CONSOLE
WINDOW LIFT MOTOR - DRIVER	DD5 / 2-WAY ECONOSEAL III LC / BLACK	DRIVER'S DOOR / DOOR CASING
WINDOW LIFT MOTOR - LH REAR	RD5-L / 2-WAY ECONOSEAL III LC / BLACK	LH REAR DOOR / DOOR CASING
WINDOW LIFT MOTOR - PASSENGER	PD5 / 2-WAY ECONOSEAL III LC / BLACK	PASSENGER'S DOOR / DOOR CASING
WINDOW LIFT MOTOR - RH REAR	RD5-R / 2-WAY ECONOSEAL III LC / BLACK	RH DOOR / DOOR CASING
WINDOW LIFT SWITCH PACK - LH REAR	RD1-L / 26-WAY MULTILOCK 47 / SLATE	LH REAR DOOR ARM REST / TOP ROLL
WINDOW LIFT SWITCH PACK - PASSENGER	PD1 / 26-WAY MULTILOCK 47 / SLATE	PASSENGER'S DOOR ARM REST / TOP ROLL
WINDOW LIFT SWITCH PACK - RH REAR	RD1-R / 26-WAY MULTILOCK 47 / SLATE	RH REAR DOOR ARM REST / TOP ROLL

HARNESS-TO-HARNESS CONNECTORS

Connector	Type / Color	Location / Access
CA8	20-WAY MULTILOCK 040 / GREEN	DRIVER'S 'A' POST / 'A' POST TRIM
CA9	20-WAY MULTILOCK 040 / BLACK	DRIVER'S 'A' POST / 'A' POST TRIM
CA10	8-WAY MULTILOCK 070 / WHITE	DRIVER'S 'A' POST / 'A' POST TRIM
CA11	20-WAY MULTILOCK 040 / BLACK	PASSENGER'S UNDERSCUTTLE / ECM
CA12	15-WAY MULTILOCK 070 / WHITE	PASSENGER'S UNDERSCUTTLE / ECM
CA13	12-WAY MULTILOCK 040 / BLACK	LH 'BC' POST / 'BC' POST PANEL
CA14	2-WAY MULTILOCK 070 / WHITE	LH 'BC' POST / 'BC' POST PANEL
CA15	12-WAY MULTILOCK 040 / BLACK	RH 'BC' POST / 'BC' POST PANEL
CA16	2-WAY MULTILOCK 040 / WHITE	RH 'BC' POST / 'BC' POST PANEL
CC3	20-WAY MULTILOCK 040 / BLACK	CENTER CONSOLE / CENTER CONSOLE GLOVE BOX
CC18	20-WAY MULTILOCK 040 / BLUE	CENTER CONSOLE / CENTER CONSOLE GLOVE BOX
FC5	THROUGH-PANEL (48 MICRO / 6) / BLACK	LH FASCIA END PANEL / OUTER AIR VENT
FC16	20-WAY MULTILOCK 040 / BLACK	PASSENGER'S UNDERSCUTTLE

GROUNDS

Ground	Location / Type
CAG30L	LH 'A' POST GROUND SCREW
CAG31R	PARCEL SHELF GROUND SCREW
CAG92L	RH HEELBOARD GROUND SCREW
CAG93R	LH HEELBOARD GROUND SCREW
CCG51L	CENTER CONSOLE GROUND STUD
FCG15L	LH CONSOLE GROUND STUD

CONTROL MODULE PIN OUT INFORMATION (FOLD OUT PAGE)



The following symbols are used to represent values for Control Module Pin Out data:

I	Input	B+	Battery voltage
O	Output	V	Voltage (DC)
SG	Signal Ground	Hz	Frequency
D	Serial and encoded communications	KHz	Frequency x 1000
		MS	Milliseconds
		MV	Millivolts

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. "Active" means a load is applied or a switch is ON; "Inactive" means a load is not applied or a switch is OFF.

REFER TO THE FRONT OF THE BOOK FOR ILLUSTRATIONS DETAILING THE LOCATION AND IDENTIFICATION OF COMPONENTS, RELAYS, CONNECTORS, HARNESSES, GROUNDS, VEHICLE CONTROL MODULES AND CONTROL MODULE PINS.

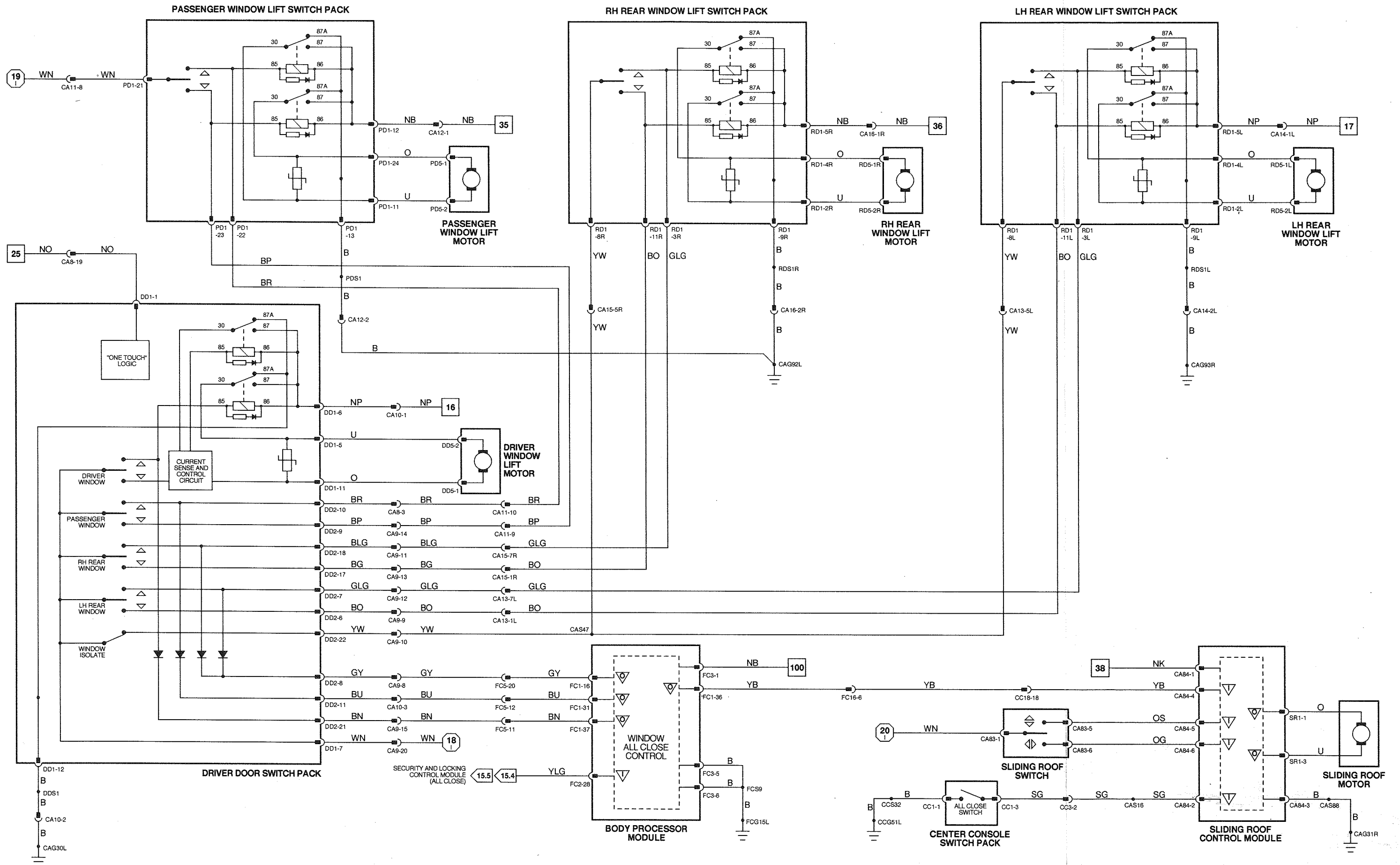


Fig. 17.2

CONTROL MODULE PIN OUT INFORMATION

BODY PROCESSOR MODULE

Pin	Description	Active	Inactive
O FC1-16	REAR WINDOW RAISE	GROUND	B+
O FC1-31	FRONT PASSENGER WINDOW RAISE	GROUND	B+
O FC1-36	SLIDING ROOF CLOSE	GROUND	B+
O FC1-37	DRIVER WINDOW RAISE	GROUND	B+
I FC2-28	REMOTE ALL CLOSE REQUEST	GROUND	B+

SLIDING ROOF CONTROL MODULE

Pin	Description	Active	Inactive
I CA84-2	ALL CLOSE REQUEST	GROUND	B+
I CA84-4	ALL CLOSE REQUEST TO BPM	GROUND	B+
I CA84-5	TILT OPEN / SLIDE CLOSE REQUEST	GROUND	B+
I CA84-6	TILT CLOSE / SLIDE OPEN REQUEST	GROUND	B+
O SR1-1	SLIDING ROOF MOTOR	B+	GROUND
O SR1-3	SLIDING ROOF MOTOR	B+	GROUND

COMPONENTS

Component	Connector / Type / Color	Location / Access
BODY PROCESSOR MODULE	FC1 / 48-WAY PCB SIGNAL / YELLOW FC2 / 48-WAY PCB SIGNAL / BLACK FC3 / 6-WAY PCB SIGNAL / BLACK	PASSENGER'S UNDERSCUTTLE
CENTER CONSOLE SWITCH PACK	CC1 / 16-WAY MULTILOCK 040 / BLACK	CENTER CONSOLE
DOOR SWITCH PACK - DRIVER	DD1 / 12-WAY MULTILOCK 47 / WHITE DD2 / 22-WAY MULTILOCK 47 / WHITE	ARM REST / TOP ROLL
SLIDING ROOF CONTROL MODULE	CA84 / 6-WAY MULTILOCK 070 / WHITE SR1 / 3-WAY MULTILOCK 070 / WHITE	ROOF CONSOLE
SLIDING ROOF MOTOR	SR1 / 3-WAY MULTILOCK 070 / WHITE	ROOF CONSOLE
SLIDING ROOF SWITCH	CA83 / 8-WAY MULTILOCK 040 / BLACK	ROOF CONSOLE
WINDOW LIFT MOTOR - DRIVER	DD5 / 2-WAY ECONOSEAL III LC / BLACK	DRIVER'S DOOR / DOOR CASING
WINDOW LIFT MOTOR - LH REAR	RD5-L / 2-WAY ECONOSEAL III LC / BLACK	LH REAR DOOR / DOOR CASING
WINDOW LIFT MOTOR - PASSENGER	PD5 / 2-WAY ECONOSEAL III LC / BLACK	PASSENGER'S DOOR / DOOR CASING
WINDOW LIFT MOTOR - RH REAR	RD5-R / 2-WAY ECONOSEAL III LC / BLACK	RH DOOR / DOOR CASING
WINDOW LIFT SWITCH PACK - LH REAR	RD1-L / 26-WAY MULTILOCK 47 / SLATE	LH REAR DOOR ARM REST / TOP ROLL
WINDOW LIFT SWITCH PACK - PASSENGER	PD1 / 26-WAY MULTILOCK 47 / SLATE	PASSENGER'S DOOR ARM REST / TOP ROLL
WINDOW LIFT SWITCH PACK - RH REAR	RD1-R / 26-WAY MULTILOCK 47 / SLATE	RH REAR DOOR ARM REST / TOP ROLL

HARNESSTO-HARNESSTO CONNECTORS

Connector	Type / Color	Location / Access
CA8	20-WAY MULTILOCK 040 / GREEN	DRIVER'S 'A' POST / 'A' POST TRIM
CA9	20-WAY MULTILOCK 040 / BLACK	DRIVER'S 'A' POST / 'A' POST TRIM
CA10	8-WAY MULTILOCK 070 / WHITE	DRIVER'S 'A' POST / 'A' POST TRIM
CA11	20-WAY MULTILOCK 040 / BLACK	PASSENGER'S UNDERSCUTTLE / ECM
CA12	15-WAY MULTILOCK 070 / WHITE	PASSENGER'S UNDERSCUTTLE / ECM
CA13	12-WAY MULTILOCK 040 / BLACK	LH 'BC' POST / 'BC' POST PANEL
CA14	2-WAY MULTILOCK 070 / WHITE	LH 'BC' POST / 'BC' POST PANEL
CA15	12-WAY MULTILOCK 040 / BLACK	RH 'BC' POST / 'BC' POST PANEL
CA16	2-WAY MULTILOCK 040 / WHITE	RH 'BC' POST / 'BC' POST PANEL
CC3	20-WAY MULTILOCK 040 / BLACK	CENTER CONSOLE / CENTER CONSOLE GLOVE BOX
CC18	20-WAY MULTILOCK 040 / BLUE	CENTER CONSOLE / CENTER CONSOLE GLOVE BOX
FC6	THROUGH-PANEL (48 MICRO / 6) / BLACK	RH FASCIA END PANEL / OUTER AIR VENT
FC16	20-WAY MULTILOCK 040 / BLACK	PASSENGER'S UNDERSCUTTLE

GROUNDS

Ground	Location / Type
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