

Fig. 07.1

CONTROL MODULE PIN OUT INFORMATION

AIR CONDITIONING CONTROL MODULE

Pin	Description	Active	Inactive
I CC28-1	COMPRESSOR CLUTCH ON SIGNAL	B+	GROUND
O CC31-9	COMPRESSOR CLUTCH REQUEST	GROUND	B+
I CC31-17	REFRIGERANT TRIPLE PRESSURE SWITCH - 4.0L REFRIGERANT DUAL PRESSURE SWITCH - V12	GROUND	B+

ENGINE CONTROL MODULE (AJ16)

Pin	Description	Active	Inactive
O P1104-21	AIR CONDITIONING CLUTCH RELAY	GROUND	B+
I P1105-36	AIR CONDITIONING REQUEST	GROUND	B+

TRANSMISSION CONTROL MODULE (V12 AND AJ16 SC)

Pin	Description	Active	Inactive
I CC48-2	AIR CONDITIONING CLUTCH RELAY	GROUND	B+

COMPONENTS

Component	Connector / Type / Color	Location / Access
AIR CONDITIONING COMPRESSOR CLUTCH AIR CONDITIONING CONTROL MODULE	P1138 / 1-WAY SUMITOMO 090 A TYPE / NATURAL CC28 / 26-WAY MULTILOCK 47 / SLATE CC29 / 16-WAY MULTILOCK 040 / YELLOW CC30 / 12-WAY MULTILOCK 47 / SLATE CC31 / 22-WAY MULTILOCK 47 / WHITE	A/C COMPRESSOR A/C UNIT, RH SIDE / RH UNDERSCUTTLE
ENGINE CONTROL MODULE (AJ16)	P1104 / 36-WAY ECONOSEAL III / BLACK P1105 / 36-WAY ECONOSEAL III / RED LS18 / 8-WAY TRW / BLACK CF1 / 2-WAY REINHAGEN / BLACK CF2 / 2-WAY REINHAGEN / BLACK LS12 / 3-WAY JUNIOR TIMER / BLACK P1102 (FLY LEAD) / 2-WAY ECONOSEAL III LC / WHITE P1103 (FLY LEAD) / 4-WAY ECONOSEAL III LC / BLACK P1143 (FLY LEAD) / 2-WAY ECONOSEAL III LC / BLACK CC48 / 55-WAY AMP 55 / BLACK	RH 'A' POST / 'A' POST TRIM BELOW LH HEADLAMPS ENGINE BAY, FRONT ENGINE BAY, FRONT RADIATOR, LOWER LH SIDE ENGINE BAY, RH REAR ENGINE BAY, RH REAR ENGINE BAY, LH FRONT PASSENGER'S UNDERSCUTTLE
FAN CONTROL RELAY MODULE RADIATOR COOLING FAN (LH) RADIATOR COOLING FAN (RH) RADIATOR THERMOSTATIC SWITCH REFRIGERANT SINGLE PRESSURE SWITCH REFRIGERANT TRIPLE PRESSURE SWITCH SUPERCHARGER INTERCOOLER COOLANT PUMP TRANSMISSION CONTROL MODULE (V12 & AJ16 SC)		

RELAYS

Relay	Color / Stripe	Connector / Color	Location / Access
AIR CONDITIONING CLUTCH RELAY	BLACK	P1145 / BLACK	RH ENGINE BAY RELAYS

HARNESS-TO-HARNESS CONNECTORS

Connector	Type / Color	Location / Access
LS11	4-WAY ECONOSEAL III HC / BLACK	SPOILER, LH SIDE / SPOILER
P11	13-WAY ECONOSEAL III LC / WHITE	REARWARD OF RH HEADLAMP
P159	13-WAY ECONOSEAL III LC / BLACK	FORWARD OF LH ENGINE BAY FUSE BOX
P161	13-WAY ECONOSEAL III LC / BLACK	REARWARD OF RH HEADLAMP
P163	20-WAY MULTILOCK 040 / BLACK	RH 'A' POST / 'A' POST TRIM
RS3	THROUGH-PANEL I48 MICRO / 6 / BROWN	RH 'A' POST / 'A' POST PANEL

GROUNDINGS

Ground	Location / Type
LSG10L	LEFT FORWARD GROUND STUD
LSG10R	LEFT FORWARD GROUND STUD
LSG51R	LH BULKHEAD GROUND STUD
LSG52R	LEFT FORWARD GROUND STUD
PIG153R	RH BULKHEAD GROUND STUD
PIG154L	LEFT FORWARD GROUND STUD
PIG154R	LEFT FORWARD 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.

