

CONTROL MODULE PIN-OUT INFORMATION

Fig. 18.1

Parking Aid Module

Pin	Description and Characteristic
B+	CA418-01 IGNITION SWITCHED POWER SUPPLY: B+
O	CA418-02 REAR PARKING AID SOUNDER -
I	CA418-04 FRONT SENSORS SWITCH SIGNAL: GROUND WHEN ACTIVATED
I	CA418-05 TRAILER CONNECTED STATUS: GROUND = TRAILER CONNECTED
I	CA418-06 REVERSE LAMPS STATUS: B+ = REVERSE LAMPS ON
O	CA418-10 REAR PARKING AID SOUNDER +
I	CA418-11 CHIME INHIBIT SIGNAL
D	CA418-12 SERIAL DATA LINK
O	CA418-13 FRONT SENSORS STATUS LED ACTIVATE: TO ACTIVATE, PAM SWITCHES CIRCUIT TO B+
PG	CA418-16 POWER GROUND: GROUND
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SG	CA419-01 FRONT SENSORS GROUND: GROUND
SS	CA419-02 FRONT SENSORS POWER SUPPLY: B+
O	CA419-03 FRONT PARKING AID SOUNDER -
O	CA419-04 FRONT PARKING AID SOUNDER +
D	CA419-05 FRONT LH SENSOR SIGNAL DATA
D	CA419-06 FRONT LH CENTER SENSOR SIGNAL DATA
D	CA419-07 FRONT RH CENTER SENSOR SIGNAL DATA
D	CA419-08 FRONT RH SENSOR SIGNAL DATA
D	RB7-02 REAR RH CENTER SENSOR SIGNAL DATA
D	RB7-03 REAR LH CENTER SENSOR SIGNAL DATA
D	RB7-04 REAR RH SENSOR SIGNAL DATA
D	RB7-05 REAR LH SENSOR SIGNAL DATA
SG	RB7-08 REAR SENSORS GROUND: GROUND
SS	RB7-11 REAR SENSORS POWER SUPPLY: B+

COMPONENTS

Component	Connector(s)	Connector Description	Location
GENERAL ELECTRONIC MODULE	CA86 CA87 IP5 IP6 JB172	23-WAY / GREY 23-WAY / GREEN 23-WAY / BROWN 23-WAY / NATURAL 23-WAY / BLUE	BEHIND INSTRUMENT PANEL / RH SIDE
ROOF CONSOLE - PRINTED CIRCUIT BOARD	RC23	20-WAY / WHITE	ROOF CENTER FRONT
PARKING AID MODULE	CA418 CA419 RB7	16-WAY / WHITE 12-WAY / WHITE 12-WAY / WHITE	SPARE WHEEL WELL
PARKING AID SENSOR - LH: FRONT	FB8	3-WAY / BLACK	FRONT BUMPER
PARKING AID SENSOR - LH: REAR	RB1	3-WAY / BLACK	REAR BUMPER
PARKING AID SENSOR - RH: FRONT	FB5	3-WAY / BLACK	FRONT BUMPER
PARKING AID SENSOR - RH: REAR	RB4	3-WAY / BLACK	REAR BUMPER
PARKING AID SENSOR - LH CENTER: FRONT	FB7	3-WAY / BLACK	FRONT BUMPER
PARKING AID SENSOR - LH CENTER: REAR	RB2	3-WAY / BLACK	REAR BUMPER
PARKING AID SENSOR - RH CENTER: FRONT	FB6	3-WAY / BLACK	FRONT BUMPER
PARKING AID SENSOR - RH CENTER: REAR	RB3	3-WAY / BLACK	REAR BUMPER
PARKING AID SOUNDER - FRONT	IP151	2-WAY / WHITE	INSTRUMENT PANEL CENTER
PARKING AID SOUNDER - REAR	CA136	2-WAY / WHITE	ESTATE (WAGON): LH REAR QUARTER PANEL INTERIOR TRIM SEDAN: PARCEL SHELF

HARNESS IN-LINE CONNECTORS

Connector	Connector Description	Location
CA36	16-WAY / GREEN / CABIN HARNESS TO ROOF HARNESS	LH 'A' POST / WINDSHIELD PILLAR
CA170	16-WAY / GREEN / JUNCTION BOX HARNESS TO CABIN HARNESS	LH 'A' POST / 'A' POST TRIM
JB3	14-WAY / BLUE / JUNCTION BOX HARNESS TO INSTRUMENT PANEL HARNESS	BELOW INSTRUMENT PANEL / LH SIDE
JB129	22-WAY / GREY / JUNCTION BOX HARNESS TO INSTRUMENT PANEL HARNESS	BELOW INSTRUMENT PANEL / LH SIDE
JB173	10-WAY / BLACK / JUNCTION BOX HARNESS TO FRONT BUMPER HARNESS	BEHIND LH FRONT WHEEL ARCH LINER

GROUNDS

Ground	Harness	Location
G2	CA	TRUNK / UNDER LH TAIL LAMP UNIT
G15	CA	LOWER LH 'A' POST

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.

