



CAUTION: The Steering Wheel contains two logic ground circuits that must remain separate. Do not connect or cross-switch the BO and BK circuits.

NOTE: Vehicles with Navigation - refer to Fig. 17.2 for CD circuit.

	<p>1 → 6 Fig. 01.1</p> <p>7 → 52 Fig. 01.2</p> <p>53 → 92 Fig. 01.3</p> <p>6 → 52 Fig. 01.4</p> <p>53 → 67 Fig. 01.5</p> <p>1 → 19 Fig. 02.1</p>	<p>▽ Input</p> <p>▽ Output</p> <p>▽ Signal Ground (SG)</p> <p>▽ Serial and Encoded Communications</p> <p>▽ CAN (Network)</p> <p>▽ SCP Network</p>	<p>VARIANT: Standard ICE Vehicles</p> <p>VIN RANGE: A00116 →</p> <p>DATE OF ISSUE: September 1999</p>
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CONTROL MODULE PIN OUT INFORMATION

MAJOR INSTRUMENT PACK

Pin	Description	Active	Inactive
C	FC25-11 CAN NETWORK	15 - 1500 Hz	
C	FC25-23 CAN NETWORK	15 - 1500 Hz	
O	FC26-20 VEHICLE SPEED	22 Hz @ 10 MPH (16 KMH); 44 Hz @ 20 MPH (32 KMH) @ B+	

NOTE: Refer to the Appendix at the rear of this book for CAN and SCP Network Messages.

Fig. 16.1

COMPONENTS

Component	Connector / Type / Color	Location / Access
ANTENNA MOTOR	BT19 / 6-WAY YAZAKI C.S.U. / WHITE	TRUNK / RIGHT HAND SIDE
CD AUTO-CHANGER	IC7 / 8-WAY ALPINE	TRUNK / RIGHT HAND SIDE
MAJOR INSTRUMENT PACK	FC25 / 26-WAY AMP MICRO QUAD LOCK / BLACK FC26 / 26-WAY AMP MICRO QUAD LOCK / YELLOW	FASCIA
RADIO / CASSETTE HEAD UNIT	IC8 / 8-WAY ALPINE / BLACK IC19 / 12-WAY MULTILOCK 070 / WHITE IC20 / 26-WAY MOS / YELLOW	CENTER CONSOLE
RADIO ANTENNA	IC12 / COAXIAL CONNECTOR	TRUNK / RIGHT HAND SIDE
RADIO CONTROL SWITCHES (STEERING WHEEL)	SW4 / 3-WAY EPC / BLACK	STEERING WHEEL
SPEAKER - DRIVER DOOR (MID-BASS)	DD19 / 2-WAY GROTE AND HARTMAN MDK / BLACK	DRIVER DOOR CASING
SPEAKER - PASSENGER DOOR (MID-BASS)	DP19 / 2-WAY GROTE AND HARTMAN MDK / BLACK	PASSENGER DOOR CASING
SPEAKER - LH SIDE FASCIA	FC38 / 2-WAY MULTILOCK 070 / GREY	FASCIA / LH SIDE
SPEAKER - RH SIDE FASCIA	FC39 / 2-WAY MULTILOCK 070 / GREY	FASCIA / RH SIDE
SPEAKER - LH SIDE REAR (CONVERTIBLE)	RH26 / 2-WAY GROTE AND HARTMAN MDK / BLACK	INTERIOR REAR QUARTER PANEL
SPEAKER - RH SIDE REAR (CONVERTIBLE)	RH27 / 2-WAY GROTE AND HARTMAN MDK / BLACK	INTERIOR REAR QUARTER PANEL
SPEAKER - LH SIDE REAR QUARTER (COUPE)	RH30 / 2-WAY GROTE AND HARTMAN MDK / BLACK	INTERIOR REAR QUARTER PANEL
SPEAKER - RH SIDE REAR QUARTER (COUPE)	RH31 / 2-WAY GROTE AND HARTMAN MDK / BLACK	INTERIOR REAR QUARTER PANEL

HARNESS-TO-HARNESS CONNECTORS

Connector	Type / Color	Location / Access
AC14	14-WAY MULTILOCK 070 / GREY	FASCIA BOTTOM CONNECTOR MOUNTING BRACKET / RIGHT HAND SIDE
BT1	20-WAY MULTILOCK 070 / WHITE	TRUNK / ABOVE RIGHT HAND REAR WHEEL ARCH
DD1	23-WAY AMP - FORD / BLACK	DRIVER SIDE 'A' POST MOUNTING BRACKET/ 'A' POST TRIM
DP1	23-WAY AMP - FORD / BLACK	PASSENGER SIDE 'A' POST / 'A' POST TRIM
IC1	20-WAY MULTILOCK 070 / YELLOW	BELOW CENTER CONSOLE GLOVE BOX
IC2	14-WAY MULTILOCK 070 / WHITE	BELOW CENTER CONSOLE GLOVE BOX
RH1	20-WAY MULTILOCK 070 / GREY	BEHIND GLOVE BOX
SC2	10-WAY MULTILOCK 070 / YELLOW	ADJACENT TO STEERING COLUMN MOTOR
SC3	12-WAY MULTILOCK 070 / GREY	RIGHT HAND SIDE OF STEERING COLUMN
SW1	12-WAY MULTILOCK 040 / BLACK	INSIDE STEERING COLUMN COWL
SW2	6-WAY JST / WHITE	CENTER OF STEERING WHEEL

GROUNDINGS

Ground	Location / Type
BT1AL	EYELET (PAIR) - LEFT HAND LEG / ADJACENT TO BATTERY
CE2	EYELET (SINGLE) / ABOVE RIGHT HAND SIDE OF TRANSMISSION TUNNEL
FC3BL	EYELET (PAIR) - LEFT HAND LEG / TRANSMISSION TUNNEL, LEFT HAND SIDE

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	D	Serial and Encoded Data	B+	Battery Voltage	kHz	Frequency x 1000
O	Output	C	CAN (Network)	V	Voltage (DC)	ms	Milliseconds
SG	Signal Ground	S	SCP Network	Hz	Frequency	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 this book for detailed information and illustrations regarding the location and identification of harnesses, relays, grounds, control modules and control module pins.