

Fig. 21.1

COMPONENTS

Component

Component	Connector / Type / Color	Location / Access
ABS TRACTION CONTROL CONTROL MODULE	LE17 / 25-WAY AMP / HYBRID / BLACK	ENGINE COMPARTMENT / FRONT LEFT
ACTIVE SECURITY SOUNDER	LE18 / 6-WAY ECOSIGNAL ILLIC / BLACK	REARWARD OF RIGHT FRONT HEADLAMP
ADAPTIVE SPEED CONTROL MODULE	LE19 / 12-WAY ECOSIGNAL ILLIC / BLACK	ENGINE COMPARTMENT / FORWARD OF RADIATOR
ADAPTIVE SPEED CONTROL CONTROL MODULE	LE11 / 12-WAY ECOSIGNAL ILLIC / BLACK	ENGINE COMPARTMENT / FORWARD OF RADIATOR
AIR CONDITIONING CONTROL MODULE	AC1 / 28-WAY MULTILOCK 47 / GREY	AC UNIT / RIGHT HAND SIDE
	AC2 / 18-WAY MULTILOCK 47 / GREY	
	AC3 / 12-WAY MULTILOCK 47 / GREY	
	AC4 / 25-WAY MULTILOCK 47 / GREY	
BODY PROCESSOR MODULE	FC4 / 10-WAY AMP / FEEC / GREY	PASSENGER SIDE FASCIA / AIRBAG BRACKET
DATA LINK CONNECTOR	FC3 / 18-WAY AMP / 08D2 / BLACK	BELOW DRIVER SIDE FUSE BOX
DOOR CONTROL MODULE – DRIVER	DD10 / 22-WAY FORD 2.8 TIMER / BLUE	DRIVER DOOR / DOOR CASING
DOOR CONTROL MODULE – PASSENGER	DD11 / 22-WAY FORD 2.8 TIMER / BLACK	
ENGINE CONTROL MODULE	DP11 / 22-WAY FORD 2.8 TIMER / BLACK	PASSENGER DOOR / DOOR CASING
	EM80 / 21-WAY AMP / 403 / NATURAL	ENGINE COMPARTMENT / CONTROL MODULE ENCLOSURE
	EM81 / 24-WAY AMP / 403 / NATURAL	
	EM82 / 24-WAY AMP / 403 / NATURAL	
	EM83 / 28-WAY AMP / 403 / NATURAL	
	EM84 / 22-WAY AMP / 403 / NATURAL	
	EM85 / 12-WAY MULTILOCK 070 / WHITE	
GEAR SELECTOR ILLUMINATION MODULE	FC88 / 16-WAY MULTILOCK 070 / WHITE	FRONT OF GEAR SELECTOR ASSEMBLY
HEADLAMP CONTROL MODULE	FC89 / 16-WAY MULTILOCK 070 / WHITE	FRONT OF HEADLAMP ASSEMBLY
HEAD RESTRAINT CONTROL MODULE – PASSENGER	SP22 / 18-WAY FORD DC / BLACK	BEHIND SEAT BACK FINISHER
KEY TRANSPONDER MODULE	FC22 / 26-WAY MULTILOCK 040 / GREEN	ADJACENT TO DRIVER SIDE FUSE BOX
MAJOR INSTRUMENT PACK	FC26 / 26-WAY AMP / MICRO QUAD LOCK / YELLOW	FASCIA
RESTRANTS CONTROL MODULE	FC31 / 24-WAY CONNECTOR / BLACK	CENTER CONSOLE
SEAT CONTROL MODULE – DRIVER	SD4 / 28-WAY FORD DC / BLACK	BELOW SEAT CUSHION
SEAT CONTROL MODULE – PASSENGER	SD5 / 10-WAY FORD 2.8 TIMER / BLACK	BELOW SEAT CUSHION
SECURITY AND LOCKING CONTROL MODULE	BT40 / 18-WAY FORD 2.8 TIMER / BLACK	TRUNK / ELECTRICAL CARRIER
	BT41 / 28-WAY FORD DC / BLACK	
	BT42 / 28-WAY FORD DC / BLACK	
	BT43 / 28-WAY FORD DC / BLACK	
	BT44 / 28-WAY FORD DC / BLACK	
	BT45 / 28-WAY FORD DC / BLACK	
	BT46 / 18-WAY FORD 2.8 TIMER / BLACK	
	BT47 / 18-WAY FORD 2.8 TIMER / BLACK	
	BT48 / 28-WAY FORD DC / BLACK	
	BT49 / 28-WAY FORD DC / BLACK	
	BT50 / COAXIAL CONNECTOR	
TRANSMISSION CONTROL MODULE AJ27 N/A	EM7 / 18-WAY BOSCH / BLACK	ENGINE COMPARTMENT / CONTROL MODULE ENCLOSURE
TRANSMISSION CONTROL MODULE AJ27 SC	EM72 / 14-WAY AMP / JUNIOR POWER TIMER / BLACK	ENGINE COMPARTMENT / CONTROL MODULE ENCLOSURE
	EM73 / 18-WAY AMP / JUNIOR POWER TIMER / BLACK	

HARNESSTO-HARNES CONNECTORS

Connector	Type / Color	Location / Access
AC14	18-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
BT2	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
LE1	20-WAY MULTILOCK 070 / WHITE	ENGINE COMPARTMENT / ADJACENT TO RIGHT HAND ENCLOSURE
LE40	20-WAY MULTILOCK 070 / GREY	LEFT HAND / A / POST CONNECTOR MOUNTING BRACKET / A / POST TRIM
	13-WAY ECOSIGNAL ILLIC / BLACK	RIGHT HAND / A / POST CONNECTOR MOUNTING BRACKET / A / POST TRIM
RH2	20-WAY MULTILOCK 070 / WHITE	REAR OF CENTER CONSOLE ASSEMBLY
RH2	18-WAY MULTILOCK 070 / YELLOW	REAR OF CENTER CONSOLE ASSEMBLY
SD1	14-WAY MULTILOCK 070 / YELLOW	BELOW DRIVER SEAT
SP1	14-WAY MULTILOCK 070 / YELLOW	BELOW PASSENGER SEAT

GROUND

Ground	Location / Type
FC88L	EYELET (PAIR) – LEFT HAND LEG / TRANSMISSION TUNNEL, LEFT HAND SIDE

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

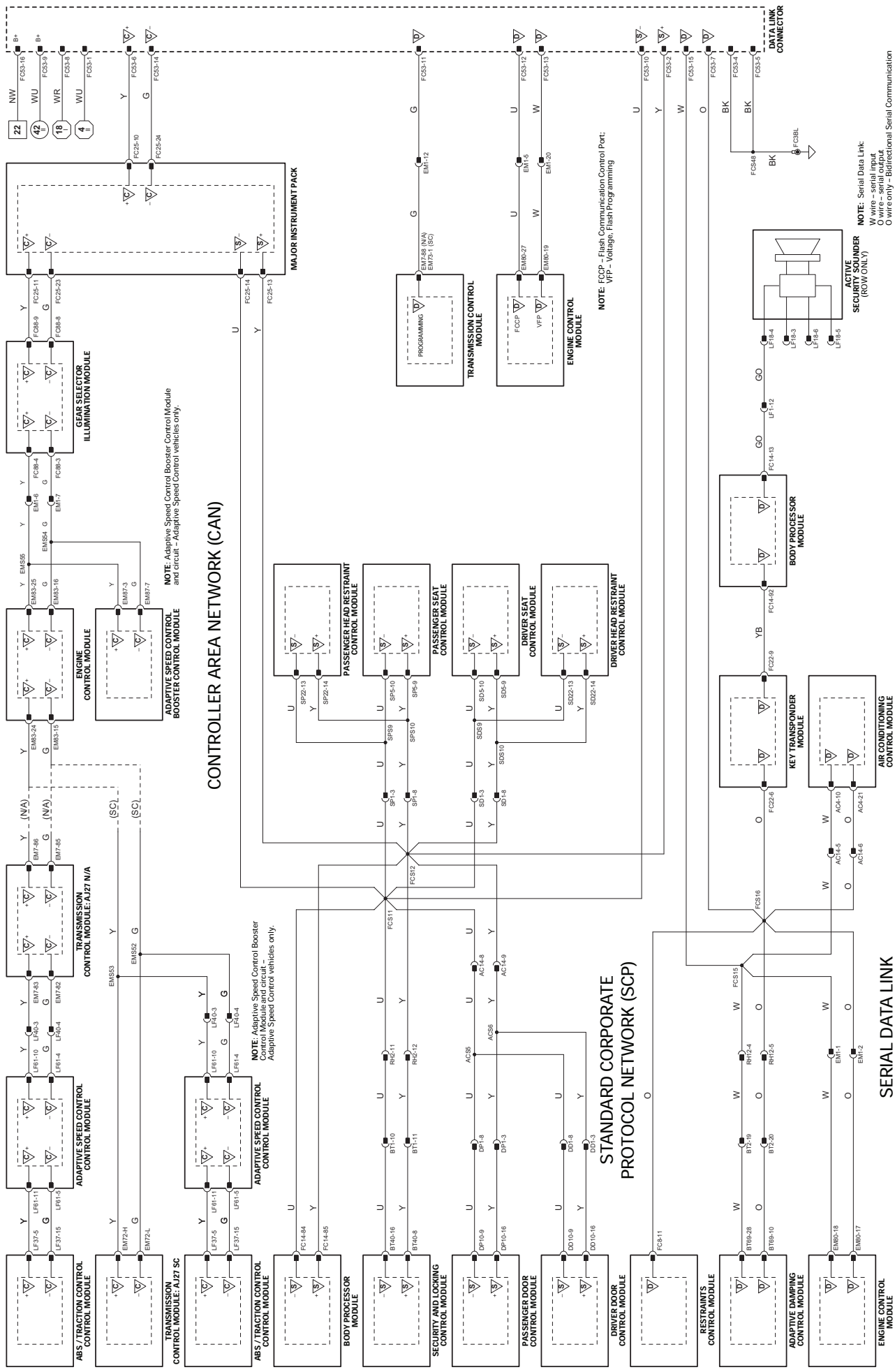
The following abbreviations are used to represent values for Control Module Pin-Out data

I	Input	SG	Sensor Ground	S	SCP Network	V	Voltage (DC)
O <th>Output</th> <th>A</th> <th>ACP Network</th> <th>D</th> <th>Serial and Encoded Data</th> <th>Hz</th> <th>Frequency</th>	Output	A	ACP Network	D	Serial and Encoded Data	Hz	Frequency
SS <th>Sensor Supply V</th> <th>C</th> <th>CAN (Network)</th> <th>B+</th> <th>Battery Voltage</th> <th>kHz</th> <th>Frequency x 1000</th>	Sensor Supply V	C	CAN (Network)	B+	Battery Voltage	kHz	Frequency x 1000

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.



1	7	8	10	11	12	13	14	15	16	17	18	19	20	21	22
Fig. 01.1	Fig. 01.2	Fig. 01.3	Fig. 01.4	Fig. 01.5	Fig. 01.6	Fig. 01.7	Fig. 01.8	Fig. 01.9	Fig. 01.10	Fig. 01.11	Fig. 01.12	Fig. 01.13	Fig. 01.14	Fig. 01.15	Fig. 01.16

VARIANTEI Vehicles
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Input
 Output
 Sensor Supply V
 Sensor Ground
 SCP
 ACP
 CAN
 Serial and Encoded Data