

CONTROL MODULE PIN OUT INFORMATION

POWER ASSISTED STEERING CONTROL MODULE

Pin	Description	Active	Inactive
0	CA32-2	TRANSDUCER NEGATIVE	2 V @ IDLE DECREASING WITH VEHICLE SPEED
1	CA32-4	VEHICLE SPEED	B+ @ 10 MPH (16 KM/H) = 20 Hz, 20 MPH (32 KM/H) = 40 Hz
0	CA32-5	TRANSDUCER POSITIVE	9 V @ IDLE INCREASING WITH VEHICLE SPEED
1	CA32-6	IGNITION SWITCHED POWER SUPPLY	B+
1	CA32-8	GROUND	0 V

Fig. 06.2

COMPONENTS

Component	Connector / Type / Color	Location / Access
POWER ASSISTED STEERING CONTROL MODULE	CA32 / 9-WAY RISTS / BLACK	LOWER LH 'A' POST / LOWER 'A' POST FINISHER
VARIABLE STEERING CONVERTER	LL3 / 2-WAY AMP JUNIOR POWER TIMER / NATURAL	STEERING RACK / CONTROL VALVE

HARNESS-TO-HARNESS CONNECTORS

Connector	Type / Color	Location / Access
FC5	54-WAY THROUGH PANEL CONNECTOR / GREY	BELOW DRIVER SIDE AIR VENT / COIN TRAY
LL2	2-WAY AUGAT 1.6 / BLACK	BELOW CHASSIS RAIL / LH SIDE
LF3	54-WAY THROUGH PANEL CONNECTOR / GREY	LH 'A' POST / LOWER 'A' POST FINISHER

GROUNDINGS

Ground	Location / Type
CA30L	EYELET (PAIR) - LH 'A' POST GROUND SCREW

FOR CONTROL MODULE PIN OUT INFORMATION, UNFOLD PAGE TO LEFT.

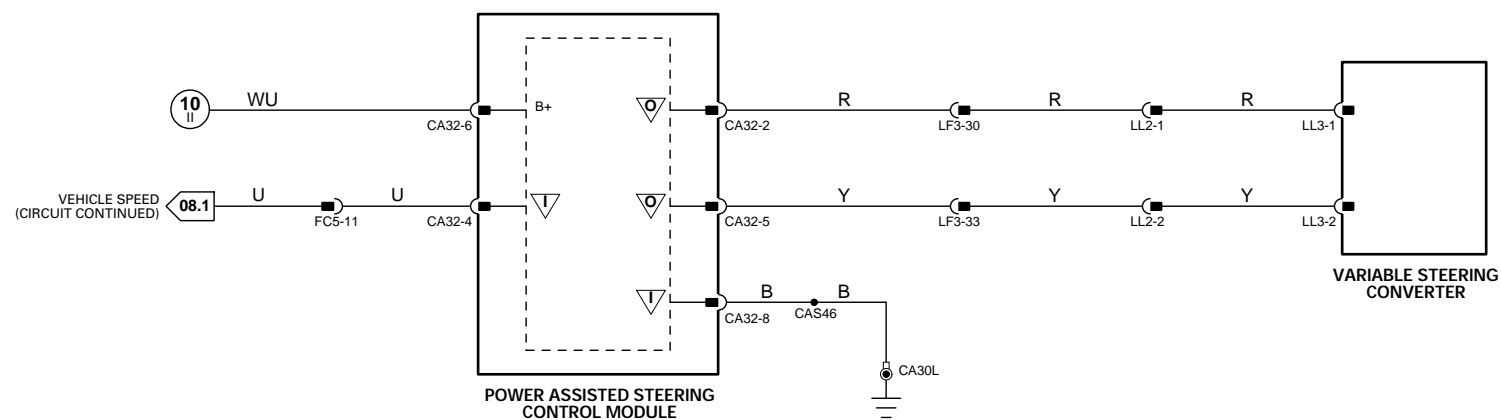
The following abbreviations are used to represent values for Control Module Pin-Out data

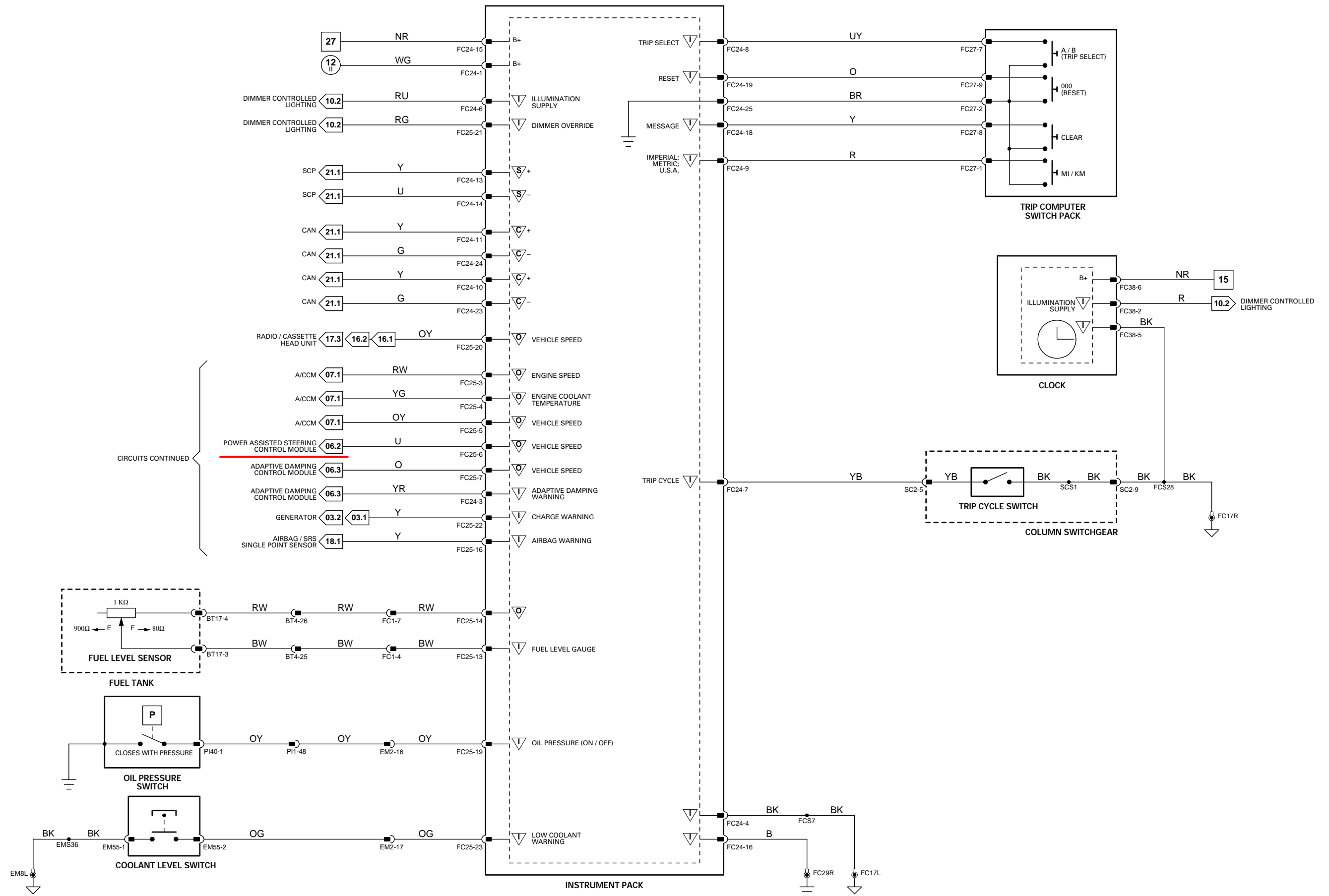
I	Input	SG	Sensor Ground	S	SCP Network	V	Voltage (DC)
O	Output	A	ACP Network	D	Serial and Encoded Data	Hz	Frequency
SS	Sensor Supply V	C	CAN (Network)	B+	Battery Voltage	kHz	Frequency x 1000

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.

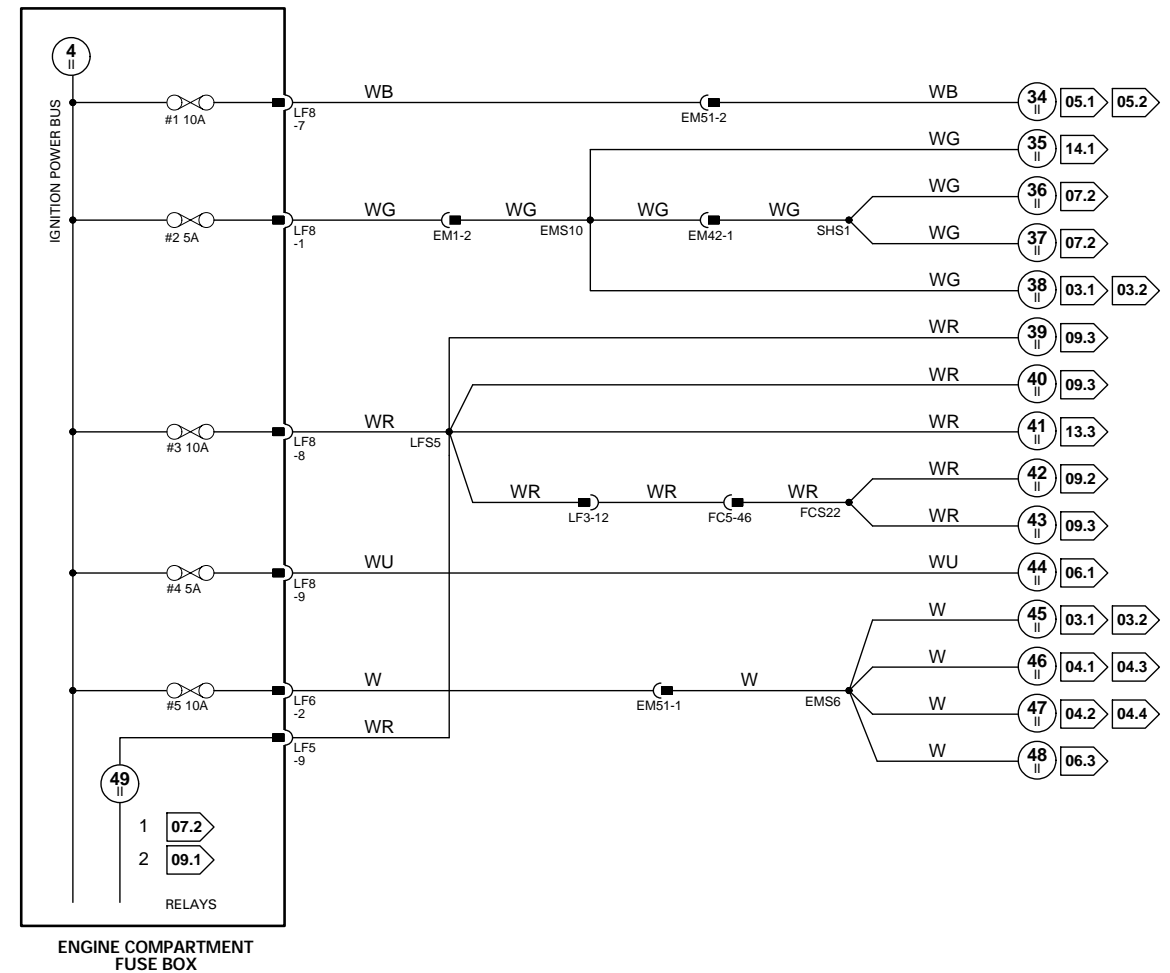
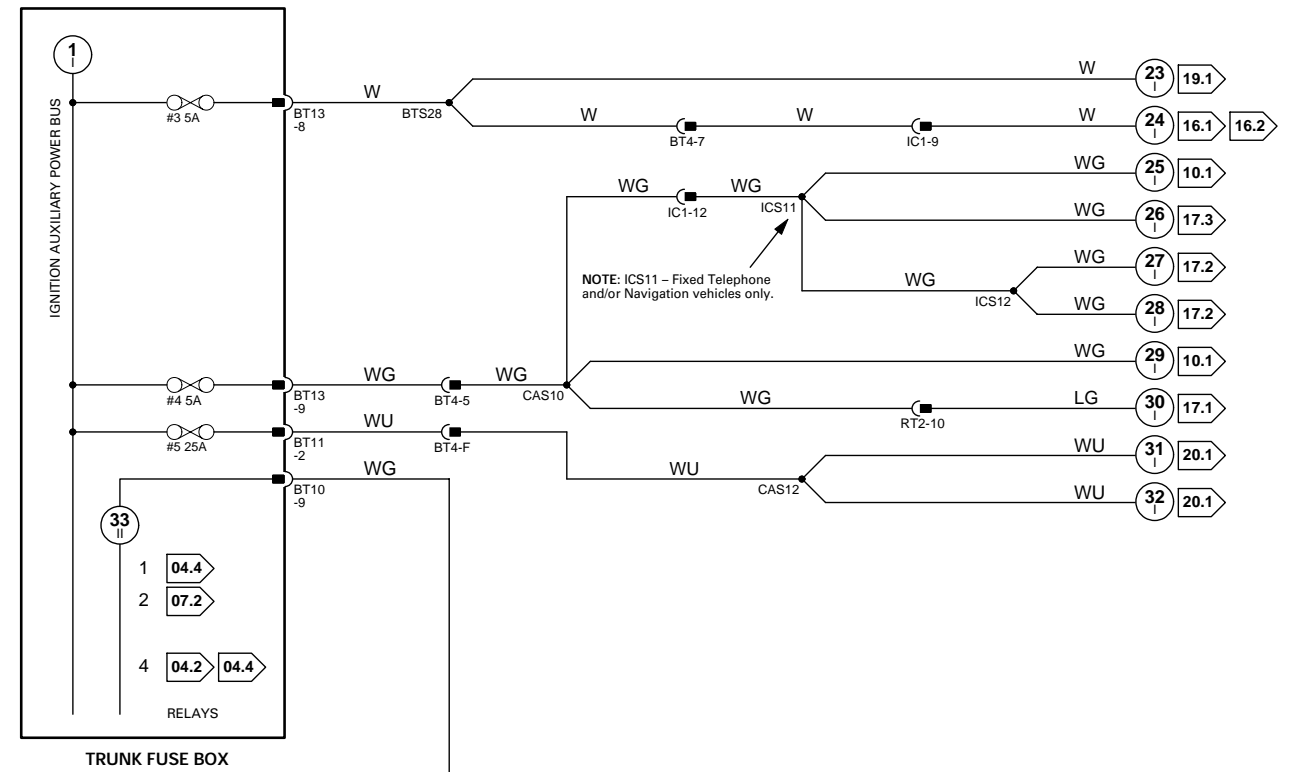
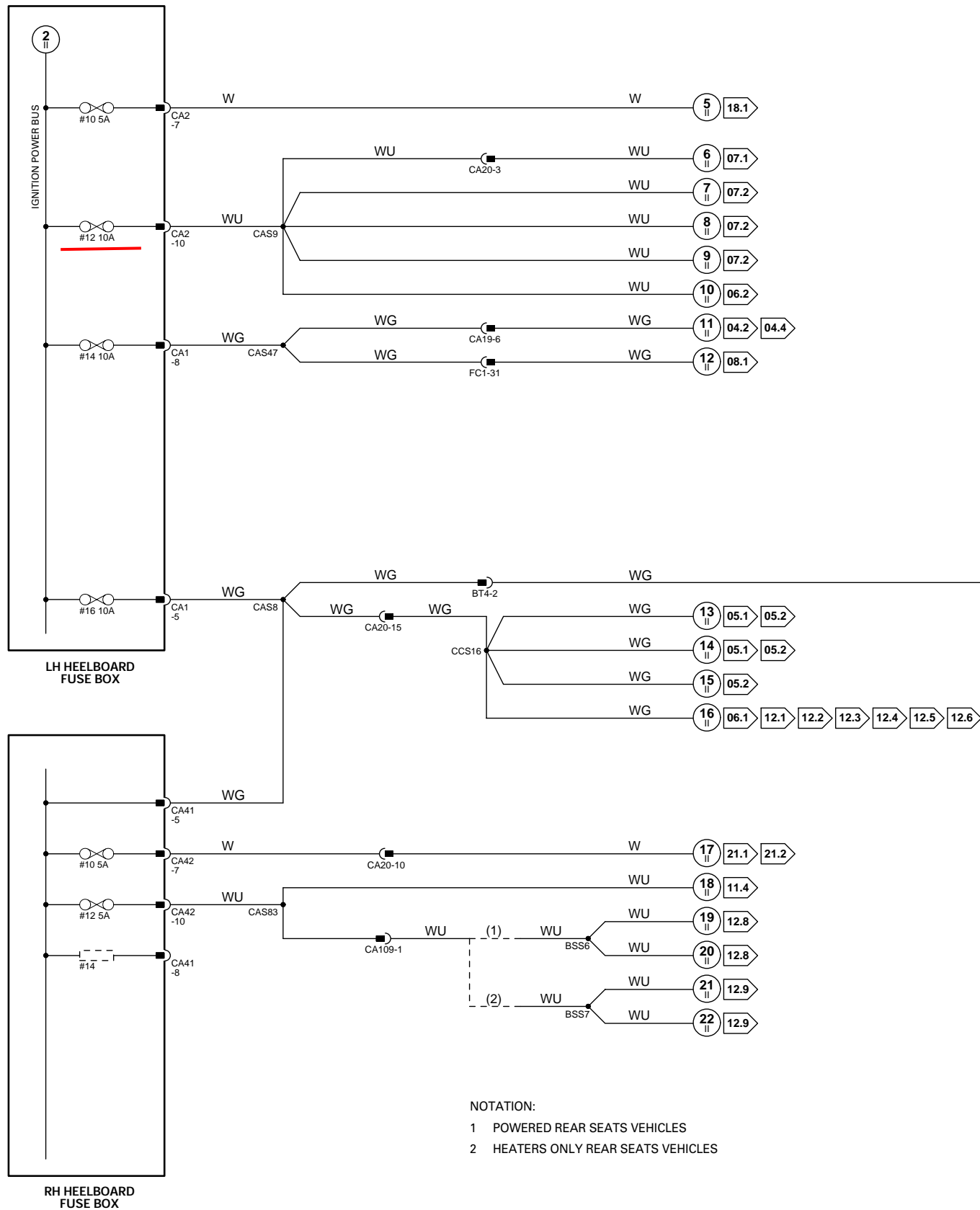
NOTE: The values listed are approximately those that can be expected at the control module connector pins with all circuit connections made and all components connected and fitted. "Active" means a load is applied or a switch is ON; "Inactive" means a load is not applied or a switch is OFF.

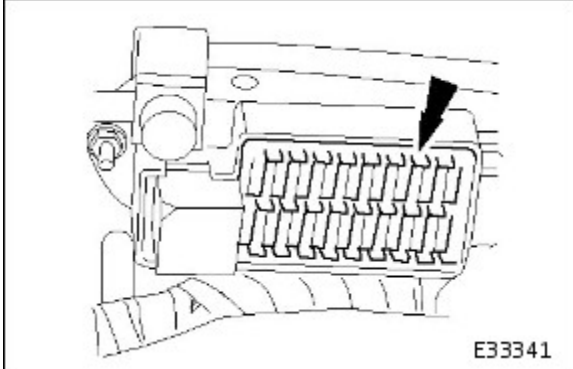
Refer to the front of this book for detailed information and illustrations regarding the location and identification of harnesses, relays, grounds, control modules and control module pins.





CIRCUITS CONTINUED





Heelboard Fuse Box - Left hand side

Fuse No	Rating (amps)	Circuit
1	20	Right-hand seat control module.
2	5	Rear window switchpack, driver door key barrel, driver door switchpack and memory.
3	5	Dimmer module.
4	5	Diagnostic connector.
5	15	Body processor module.
6	5	Centre console switchpack, reader exciter ECM
7	15	Body processor module (battery supply for solenoids, lamps and motors).
8	5	Steering column adjust switch, driver seat switchpack.
9	10	Radio/cassette head unit.
10	5	Airbag/SRS
11	20	Air conditioning left-hand blower motor.
12	10	Door mirror heaters relay, air conditioning, blower motor relays, power steering control module.
13	25	Left-hand rear window
14	10	Cruise control switch, instrument cluster, catalytic converter over temperature warning.
15	25	Left-hand door control module.
16	5	Electrochromic interior mirror (where fitted), centre console switchpack, gear selector, traction control switch illumination, J-gate mode switch illumination, pins A9 and D8 trunk fusebox.
17	10	Accessory supply.
18	5	Instrument cluster.

