

# 1. GENERAL DESCRIPTION

A Body Control Module (BCM) combines into one central module, the control or assist of various vehicle electrical systems or features, rather than having individual modules for each system or feature.

Low Series BCMs are fitted as standard equipment on all VS Series Utility, Executive, Acclaim, S and SS Models.

**NOTE:** Three levels of Low Series BCM have been released, a 'UTE' level for Base Utility, 'LOW' level for vehicles without power operated windows and a 'MID' level for vehicles with power operated windows. If a service operation or diagnostic procedure requires that a Low Series BCM must be replaced, ensure that the correct BCM level is reinstalled for the particular level of vehicle.

**IMPORTANT:** The Low Series BCMs' used on VS and VR Series Models are not interchangeable due to differences in terminal assignments and vehicle wiring.

Fig. 12J-1-1 illustrates the identification details for the Low Series BCMs. External identification can be made by referring to the last three digits of the BCM part number.

A specific VS/T4 SYSTEMS cartridge has been developed for use with the TECH 1 diagnostic scan tool to assist with various vehicle electrical system fault finding, including the various BCM functions and controls.

TECH 1 connection for the Low Series Yazaki BCM serial communication data is via the Data Link Connector (DLC), attached to the instrument panel lower right hand trim, to the left of the steering column, refer Fig 12J-1-2.

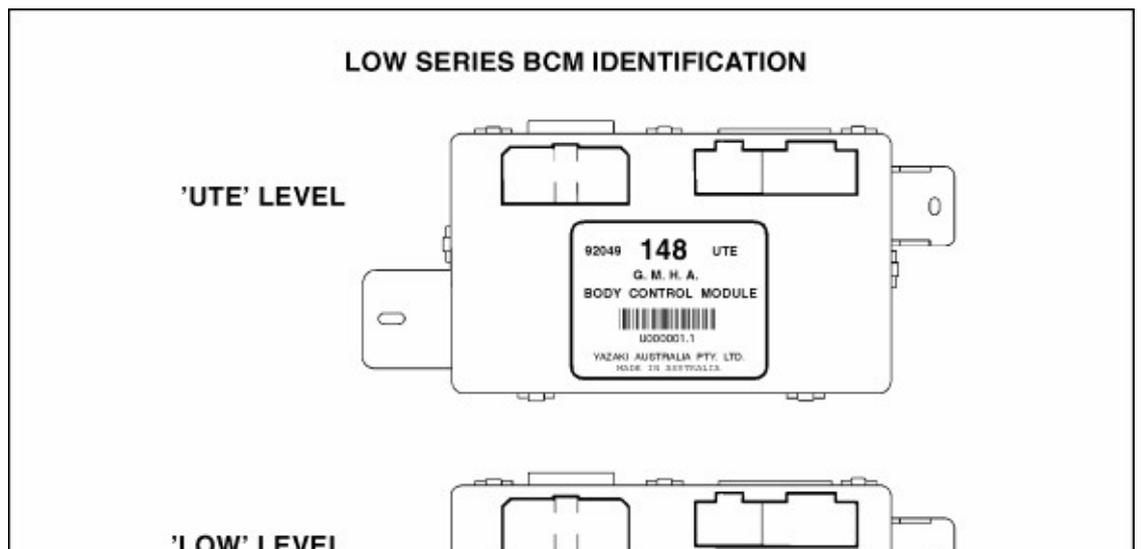
Details of Low Series BCM functions, service operations and diagnosis which differ from VR Series Models are covered in this Section. Where items are not covered in this Section, reference is included where to find the information in the Volume 6 of the VR Series Service Manual.

As on the previous VR Series, the Low Series BCM is located beneath the instrument cluster, to the right of the steering column, refer Fig. 12J-2-2.

BCM FEATURE	BCM LEVEL		
	UTE 148	LOW 150	MID 146
Central Door Locking	-	+	+
Power Window System	-	-	+
Dome Lamp Delay Control	+	+	+
Wiper Dwell Control	+	+	+
Auto Lights Off Control	+	+	+
Engine Disable	+	+	+
Cruise Control Interface	+	+	+
Engine Cooling Low Speed Fan Control - Applicable to V6 Engine Only	+	+	+

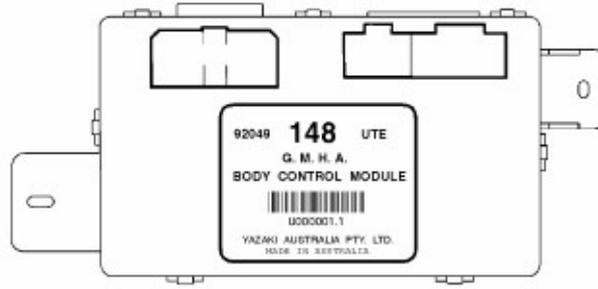
- Not available + Available

Refer to Section [12F, THEFT DETERRENT SYSTEM](#) in this Volume for details of the Engine Disable feature and the vehicle theft deterrent system functions.

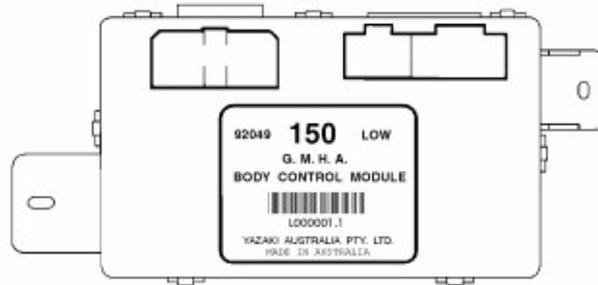


## LOW SERIES BCM IDENTIFICATION

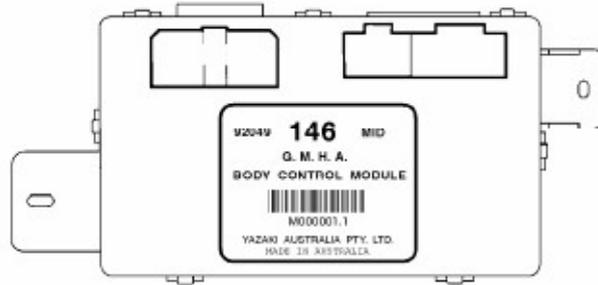
'UTE' LEVEL



'LOW' LEVEL

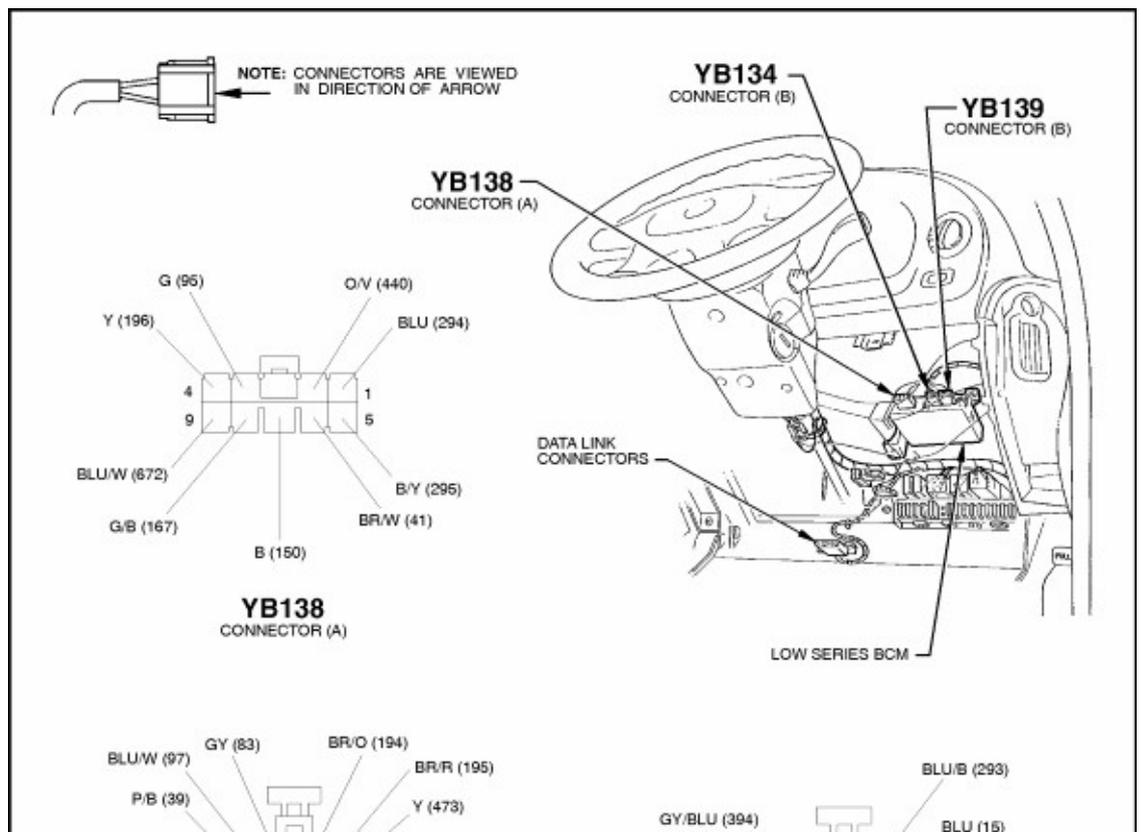


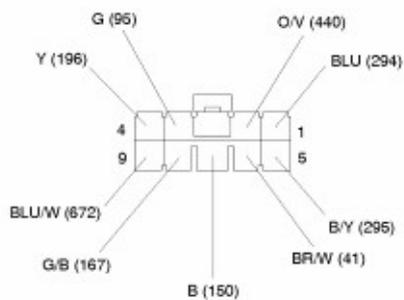
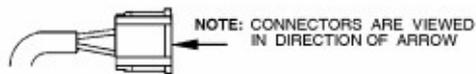
'MID' LEVEL



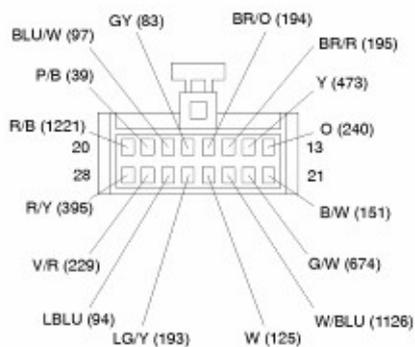
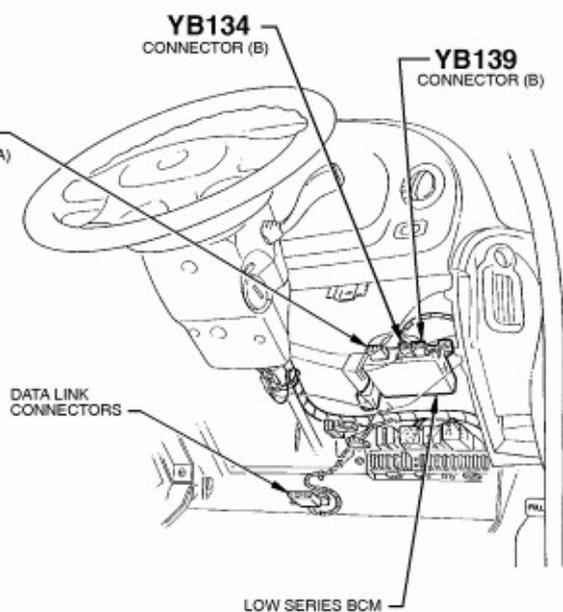
VS12J1001

Figure 12J-1-1

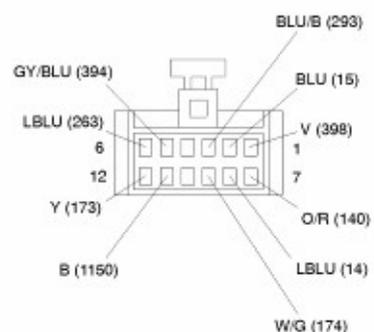




**YB138**  
CONNECTOR (A)

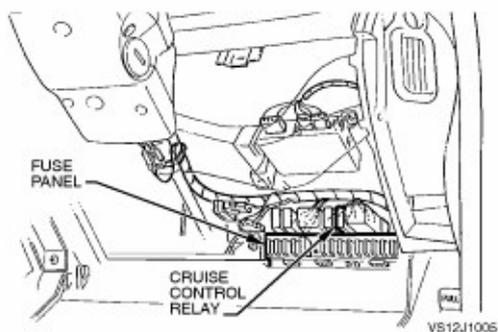


**YB139**  
CONNECTOR (B)

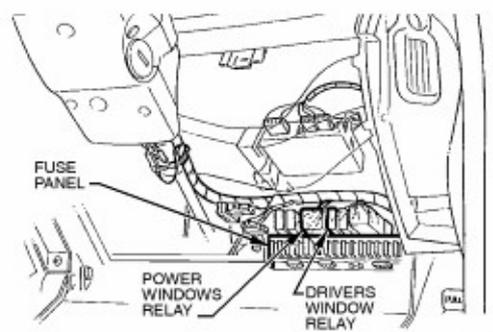


**YB134**  
CONNECTOR (B)

VS12J1008



VS12J1005



VS12J1009

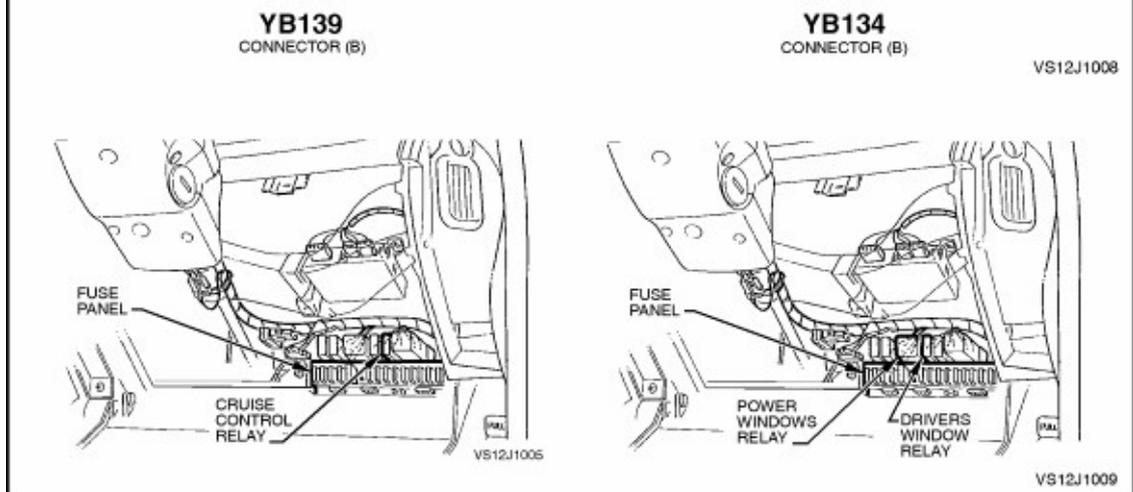


Figure 12J-1-2

**LOW SERIES BCM TERMINAL IDENTIFICATION**

YB138 CONNECTOR 'A'			
PIN NO.	DESCRIPTION	CIRCUIT	WIRE COLOUR
1	DOOR UNLOCK DRIVE	294	B/R
2	DOOR LOCK FEED FUSE F7	440	O/V
3	WIPER LOW SPEED	95	G
4	WIPER PARK	196	Y
5	DOOR LOCK DRIVE	295	B/Y
6	WIPER FUSE F14	41	BR/W
7	EARTH - HIGH CURRENT	150	B
8	DRIVERS WINDOW DOWN SWITCH	167	G/B
9	DRIVERS WINDOW UP SWITCH	672	BLU/W

YB134 CONNECTOR 'B'			YB139 CONNECTOR 'B'				
PIN NO.	DESCRIPTION	CIRCUIT	WIRE COLOUR	PIN NO	DESCRIPTION	CIRCUIT	WIRE COLOUR
1	CRUISE CONTROL RELAY	398	V	13	BATTERY - MAIN POWER F23	240	O
2	RIGHT HAND INDICATOR	15	BLU	14	LOW SPEED FAN	473	Y
3	DRIVER DOOR UNLOCK DRIVE	293	BLU/B	15	DOOR LOCK REQUEST	195	BR/R
4				16	PASS. DOOR UNLOCK REQUEST	194	BR/O
5	START ENABLE	1434	GY/BLU	17	CRUISE CONTROL SW.	83	GY
6	THEFT LED	263	L/BLU	18	INT. WIPER SWITCH	97	BLU/W
7	FLASHER FUSE F2	140	O/R	19	IGNITION FUSE F10	39	P/B
8	LEFT HAND INDICATOR	14	L/BLU	20	SERIAL DATA LINK	1221	R/B
9	DOMELAMP DRIVE	174	W/G	21	ELECTRONIC EARTH	151	B/W
10				22	DRIVER WINDOW RELAY	674	G/W
11	HEADLAMP CONTROL	1150	B	23	DRIVER DOOR SWITCH	1126	W/BLU
12	POWER WINDOW RELAY	173	Y	24	PASS. DOOR SWITCH	125	W
				25	DOOR UNLOCK REQUEST	193	W
				26	WASHER SWITCH	94	L/BLU
				27	KEY READER INPUT	229	BR/G
				28	DEADLOCK REQUEST	395	R/Y

