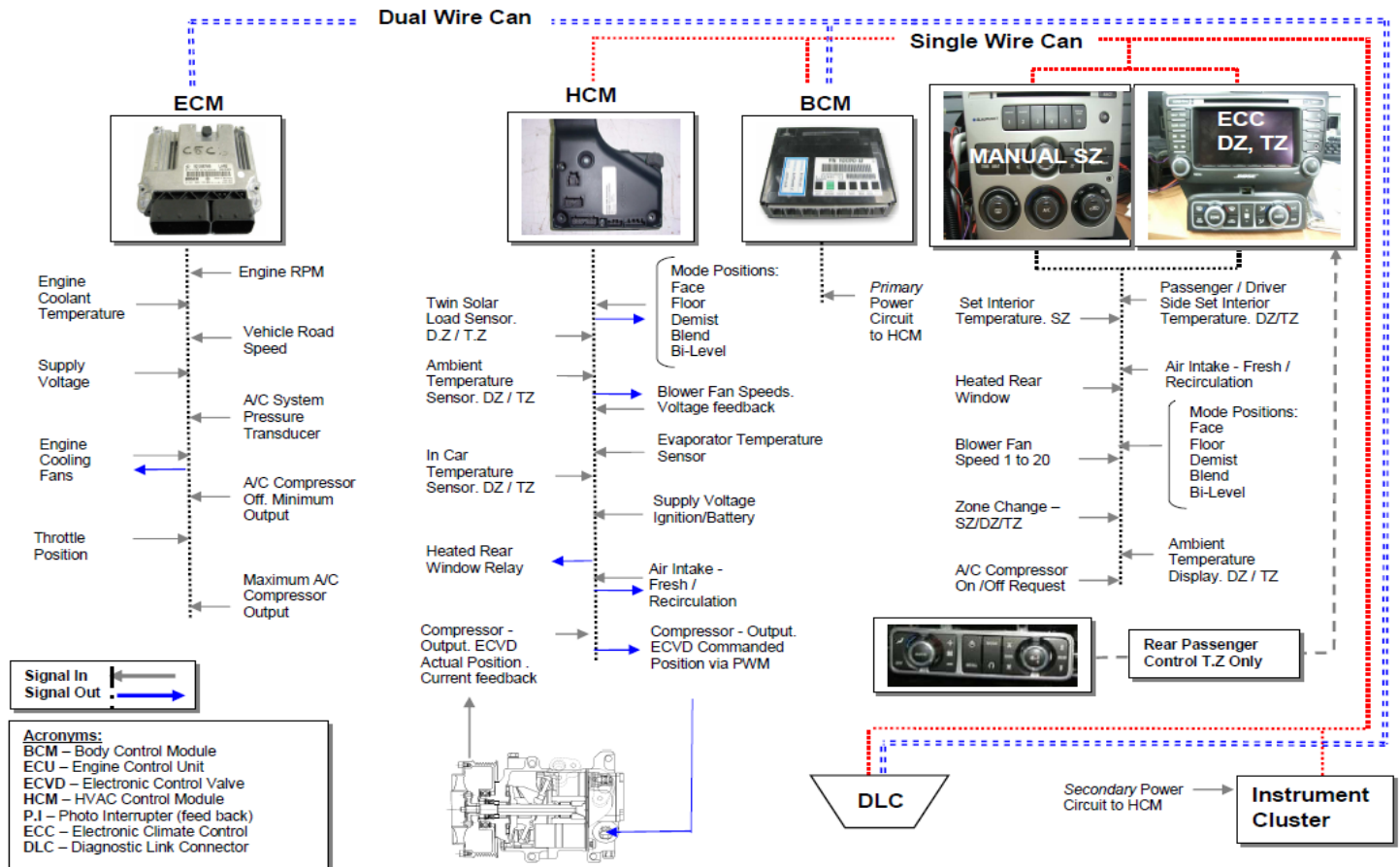




MODULE COMMUNICATIONS:

- ◇ **ECC / MCC Vehicle - HCM Shut Down or Gone into Default.** No communication at pin 10 of the HCM connector. Radio communication to BCM lost. Check electric “CAN” electrical connector above the glove box area.
- ◇ **ECC / MCC Vehicle - HCM /BCM Shutdown.** When the vehicle ignition is turned off and the doors closed (courtesy lamp switch part of door lock) the data between modules to the BCM is being relayed for approximately 2 minutes. The HCM remains awake for 15 minutes, then goes to sleep. Providing there is no communications interruption.
- ◇ **ECC / MCC Vehicle - HCM Wake Up.** When the ignition is turned off and the vehicle doors are closed and locked, the HCM will remain “awake” for 15 minutes. With the ignition off, when a door is opened then closed all modules including the HCM will wake up for 8 seconds. Opening the doors, bonnet or even a sensor response will wake up all the modules including the HCM. Normal current draw a HCM is 116 mV. Low battery charge DTC will be set in all modules not just the HCM.
- ◇ **ECC Vehicle - HCM Default Mode.** If the HCM loses communications or a voltage issue it will go into a “default” mode. The blower fan goes to 50%, mode goes to demist, set temperature changes to 23°C and auto mode is selected.



Note the CAN Bus connection between electronic modules. If an electronic module such as the BCM fails, likewise the HCM will also fail as it relies on an voltage supply interface with the BCM.

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