

ELECTRICAL DISTRIBUTION SYSTEM

Control Modules (continued)

Vehicle Configuration and Test System (VCATS)

VCATS data has to be supplied to Jaguar for some control module market specific configurations. The data is added to the Control Module at the factory. VCATS matches hardware part numbers with the correct software; therefore care must be taken when exchanging control units from another vehicle for diagnosis.

TYPICAL VCATS LABEL

JAGUAR VCATS
10/09/96
VIN. 003706

PSM. LJA2160AF/004
DSM. LJA2160AF/001
PDM. LJA2120AG/001
DDM. LJA2120AG/001
SLM. LJA2600AF/006
IPK. LJA4300AE/001
BPM. LJA2500AG/055
ECM. LJA1410AK/010

ABBREVIATIONS:

PSM	Passenger Seat Control Module
DSM	Driver Seat Control Module
PDM	Passenger Door Control Module
DDM	Driver Door Control Module
SLM	Security and Locking Control module
IPK	Major Instrument Pack
BPM	Body Processor Module
ECM	Engine Control Module

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Should a similar, but not identical, CM from one vehicle be installed in a second vehicle, this may result in various malfunctions in the second vehicle. Since the CM may then 'learn' information from the second vehicle, incorrect data would then be transferred back to the first vehicle when the CM is transferred back to its original location. This is particularly applicable in the case of the Engine Control Module (ECM).

With the increasing number of control units on a given vehicle, it is becoming less cost effective to have replacements pre-programmed at the factory, also the space required to store all market configurations becomes prohibitive. WDS is the main tool for programming and with the latest CD updates it will include the latest software for the vehicle control modules (the CD release notes should be read to see the scope of programming and what vehicles it affects).

NOTES