

Communications Network

OVERVIEW

A high speed CAN (controller area network) bus is used to transfer data between the ECM (engine control module) and instrument cluster.

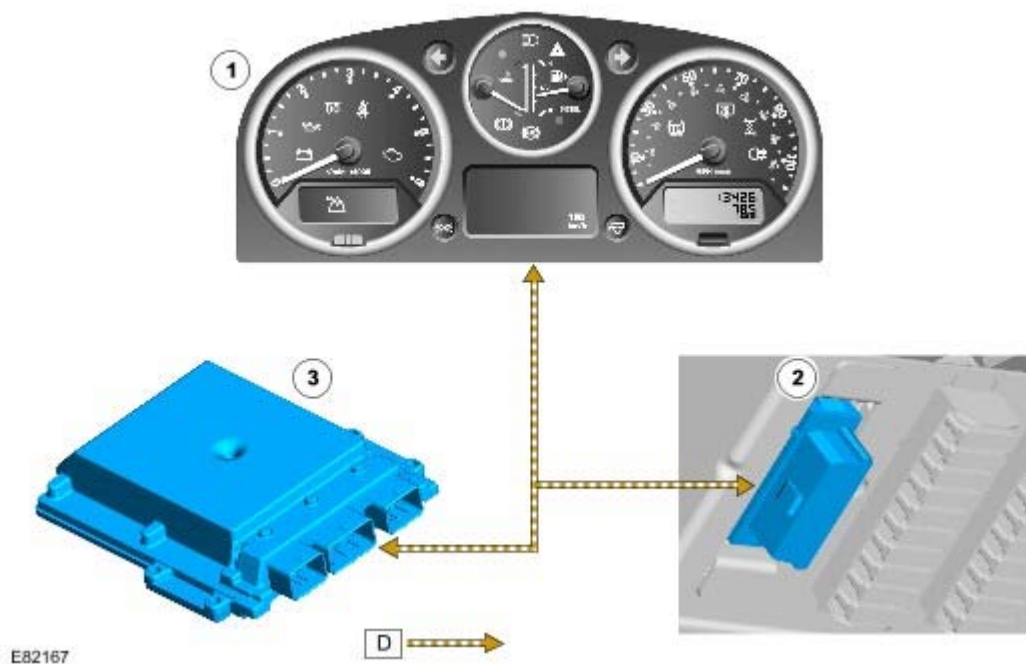
The diagnostic socket is also connected to the high speed CAN (controller area network) bus and allows the Land Rover approved diagnostic system to interrogate both the ECM (engine control module) and instrument cluster software.

The CAN (controller area network) bus is a high speed broadcast network where control modules automatically transmit information every few microseconds. Information is broadcast down a pair of twisted wires, known as 'CAN high' and 'CAN low'. Information is transmitted on the CAN (controller area network) bus as a voltage difference between the 2 wires.

CONTROL DIAGRAM

NOTE:

D = High speed CAN (controller area network) bus



Item	Part Number	Description
1		Instrument cluster
2		Diagnostic socket
3		ECM (engine control module)