
CONTROLLER AREA NETWORK (CAN)

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Outline

- The 4WD control module (CM) sends and receives data to and from other modules via the CAN system. Refer to MULTIPLEX COMMUNICATION SYSTEM for a detailed explanation of the CAN system. (See MULTIPLEX COMMUNICATION SYSTEM.)

Data sent

- 4WD system status

Data received

- Engine speed
- Engine torque
- Accelerator pedal opening angle
- Clutch pedal position
- Transaxle gear position
- Neutral switch status
- Engine off time
- Ambient temperature
- Car configuration data
- Selector lever position
- Four-wheel speed
- Brake fluid pressure
- Coupling torque request
- Steering angle/steering angle sensor condition
- EPS status
- Windshield wiper switch status
- Parking brake position