

■ MULTIPLEX COMMUNICATION

1. General

- The brake control system of the models equipped with VSC has adopted CAN (Controller Area Network) communication.
- CAN is a type of on-vehicle multiplex communication system that enables superior data communication and error detection between ECUs and sensors.
- CAN uses twisted-pair wires, which consist of two wires, CAN-H, and CAN-L, which have different voltages.
- The CAN in RAV4 is connected to the Skid Control ECU, steering angle sensor, yaw rate and deceleration sensor and DLC (Data Link Connector) 3.

► Characteristic ◀

- Simplifies the wiring harness routing because communication among the ECUs connected to CAN is made possible through the use of a pair of communication wires.
- Its communication speed is faster than the BEAN (Body Electronics Area Network) used on other models.

Communication Type	CAN	BEAN
Communication Speed	500 Kbps	MAX: 10 Kbps

► System Diagram ◀

