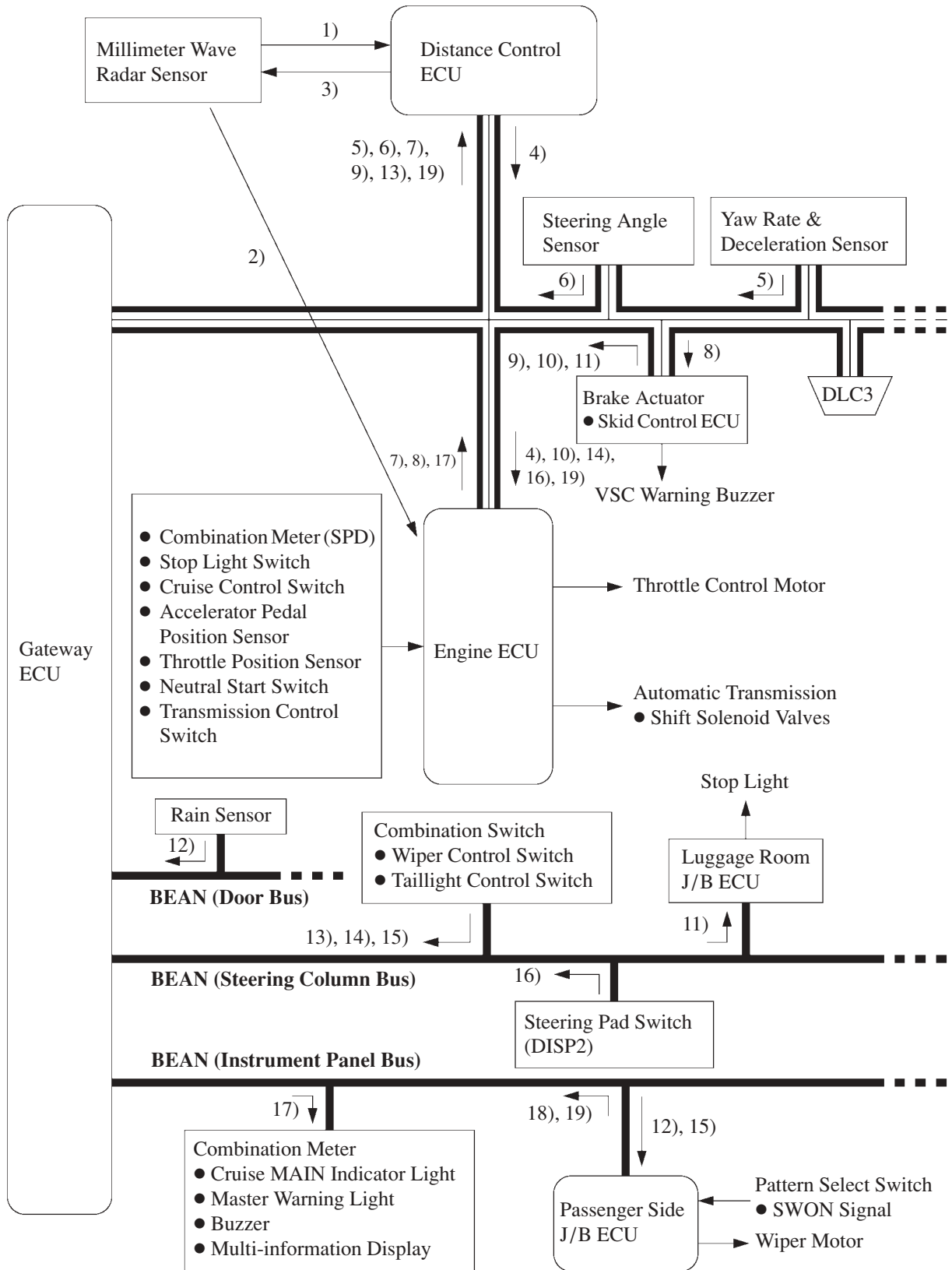


2. System Diagram



No.	Transmit	Receive	Data List	Communication
1)	Millimeter Wave Radar Sensor	Distance Control ECU	<ul style="list-style-type: none"> <li>● Vehicle-to-Vehicle Distance</li> <li>● Presence of Vehicle Ahead</li> <li>● Relative Acceleration Rate</li> <li>● Relative Vehicle Speed</li> <li>● Width and Position of Object Ahead</li> <li>● Diagnosis Data</li> </ul>	Serial
2)		Engine ECU	Millimeter Wave Radar Sensor Operation Signal	Wire
3)	Distance Control ECU	Millimeter Wave Radar Sensor	<ul style="list-style-type: none"> <li>● Actual Vehicle Speed</li> <li>● Estimated Curve Radius</li> <li>● Millimeter Wave Radar Sensor Illumination Request</li> <li>● Wiper Condition</li> <li>● Cruise Control Switch</li> <li>● Taillight Control Switch</li> <li>● Set Distance</li> <li>● Beam Axis Adjustment Data</li> </ul>	Serial
4)		Engine ECU	<ul style="list-style-type: none"> <li>● Target Acceleration Rate</li> <li>● Target Deceleration Rate</li> <li>● Vehicle-to-Vehicle Distance</li> <li>● Presence of Vehicle Ahead</li> <li>● Brake Request</li> <li>● Beam Axis Deviation</li> <li>● Millimeter Wave Radar Sensor Dirtiness Detection</li> <li>● Poor Weather Detection</li> <li>● Proximity Warning</li> <li>● Gear Request</li> <li>● Diagnosis Data</li> </ul>	CAN
5)	Yaw Rate & Deceleration Sensor		Yaw Rate	
6)	Steering Angle Sensor		Steering Angle	
7)	Engine ECU	Distance Control ECU	<ul style="list-style-type: none"> <li>● Vehicle-to-Vehicle Distance Control Mode Switching</li> <li>● Setting Vehicle Speed</li> <li>● Actual Vehicle Speed</li> <li>● Cruise Control Switch (MAIN Switch)</li> <li>● Set Distance</li> <li>● Brake Request Response</li> <li>● Accelerator Pedal Idle</li> <li>● Stop Light Signal</li> <li>● Transmission Information</li> </ul>	
8)		Skid Control ECU	<ul style="list-style-type: none"> <li>● Target Deceleration Rate</li> <li>● Target Deceleration Rate Gradient</li> <li>● Brake Request</li> </ul>	

No.	Transmit	Receive	Data List	Communication
9)	Skid Control ECU	Distance Control ECU	Zero Point Information of Yaw Rate	CAN
10)		Engine ECU	<ul style="list-style-type: none"> <li>● Cruise Control Cancel Request</li> <li>● Brake Request Response</li> </ul>	
11)		Luggage Room J/B ECU	Stop Light Illuminate Request	
12)	Rain Sensor	Passenger Side J/B ECU	Raindrop Volume	BEAN
13)	Combination Switch	Distance Control ECU	<ul style="list-style-type: none"> <li>● Wiper Control Switch</li> <li>● Taillight Control Switch</li> </ul>	BEAN and CAN
14)		Passenger Side J/B ECU	Wiper Control Switch	BEAN
15)			Wiper Control Switch	BEAN and CAN
16)	Steering Pad Switch (DISP2)	Engine ECU	Steering Pad Switch (DISP2)	
17)	Engine ECU	Combination Meter	<ul style="list-style-type: none"> <li>● Cruise Control Switch</li> <li>● Steering Pad Switch</li> <li>● Proximity Warning</li> <li>● Warning</li> </ul>	BEAN and CAN
18)	Passenger Side J/B ECU	Distance Control ECU	Wiper Operation	
19)		Engine ECU	Pattern Select Switch	