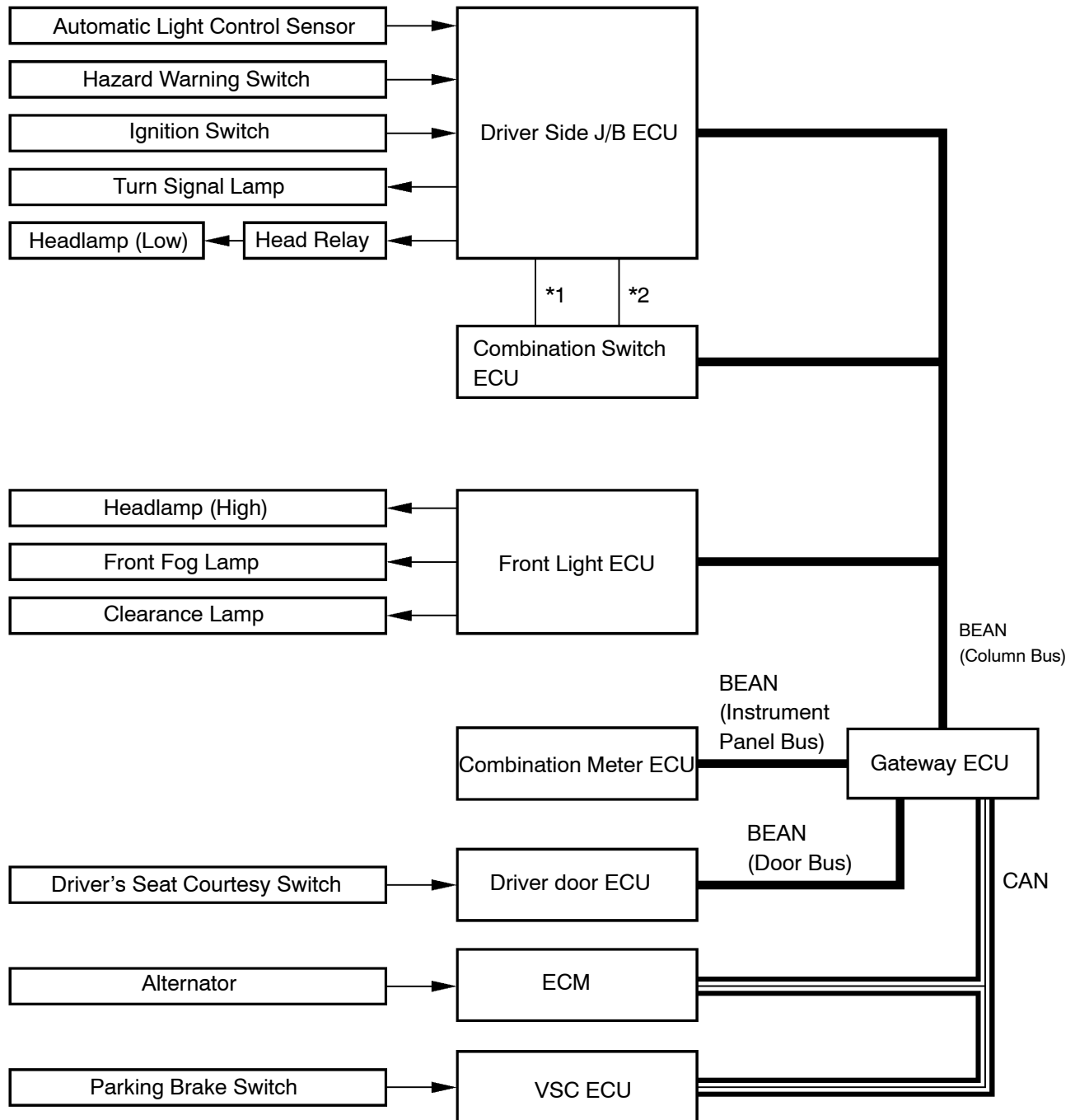


SYSTEM DIAGRAM

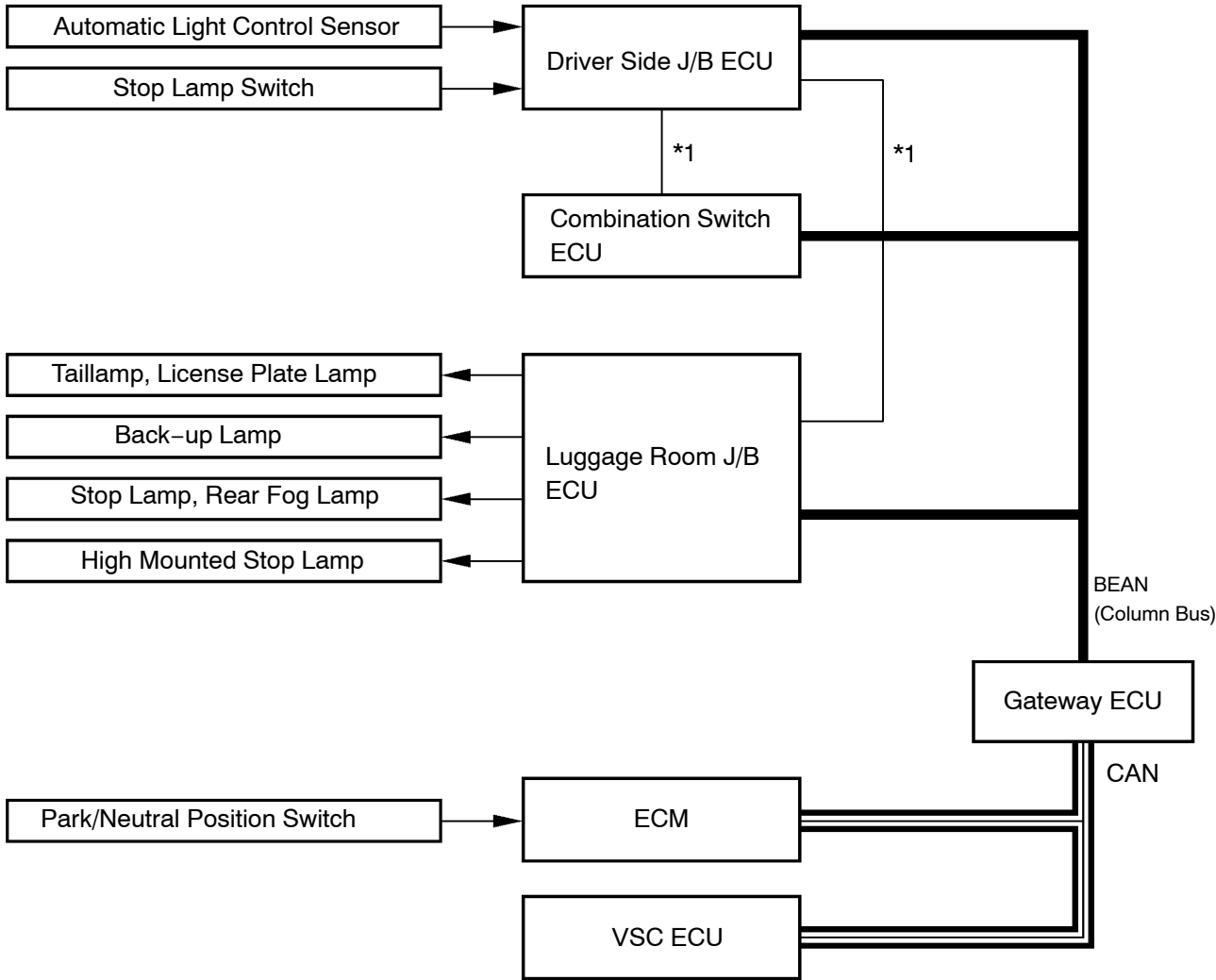
Front Lighting System



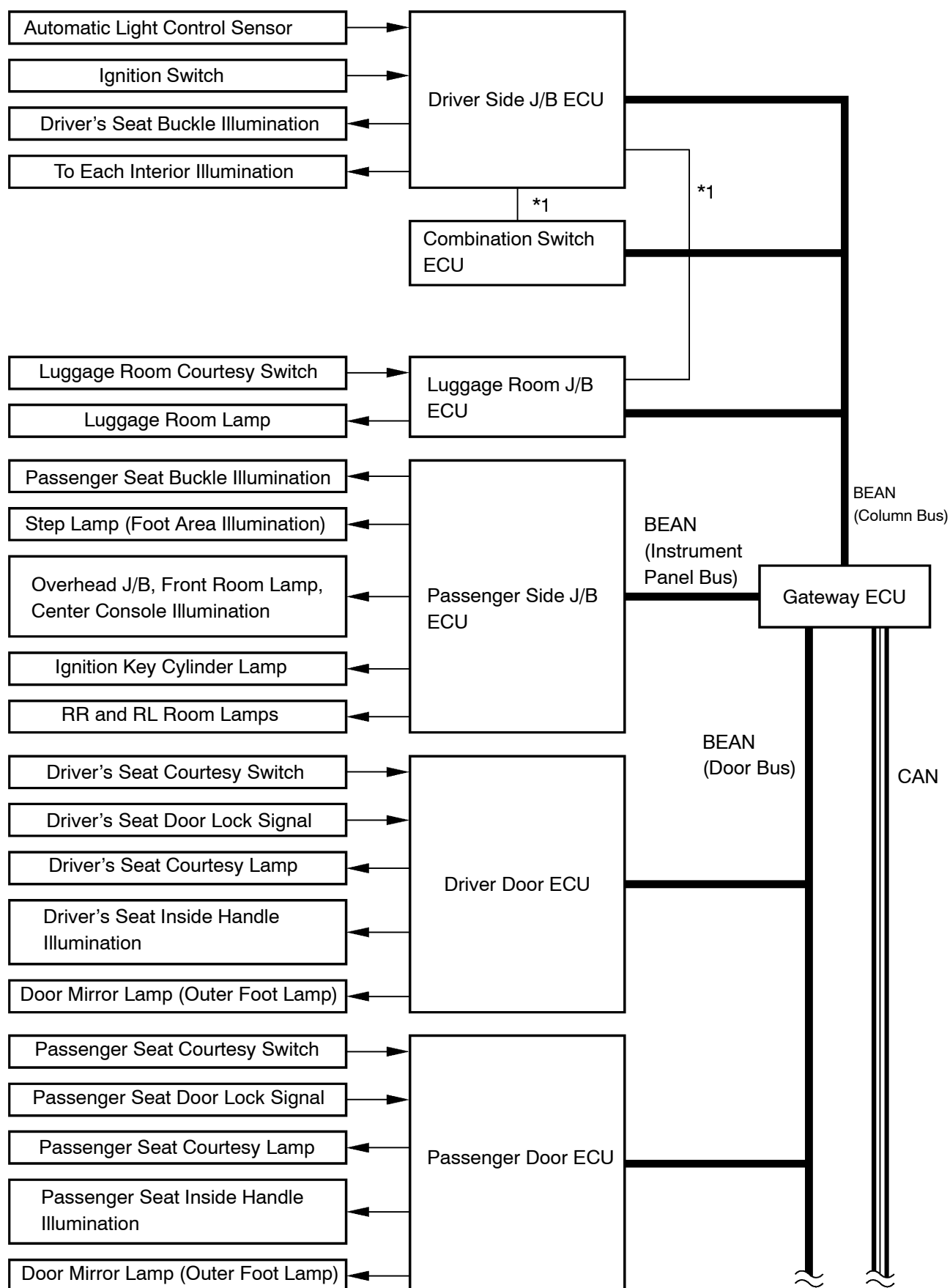
*1: Back-up bus line

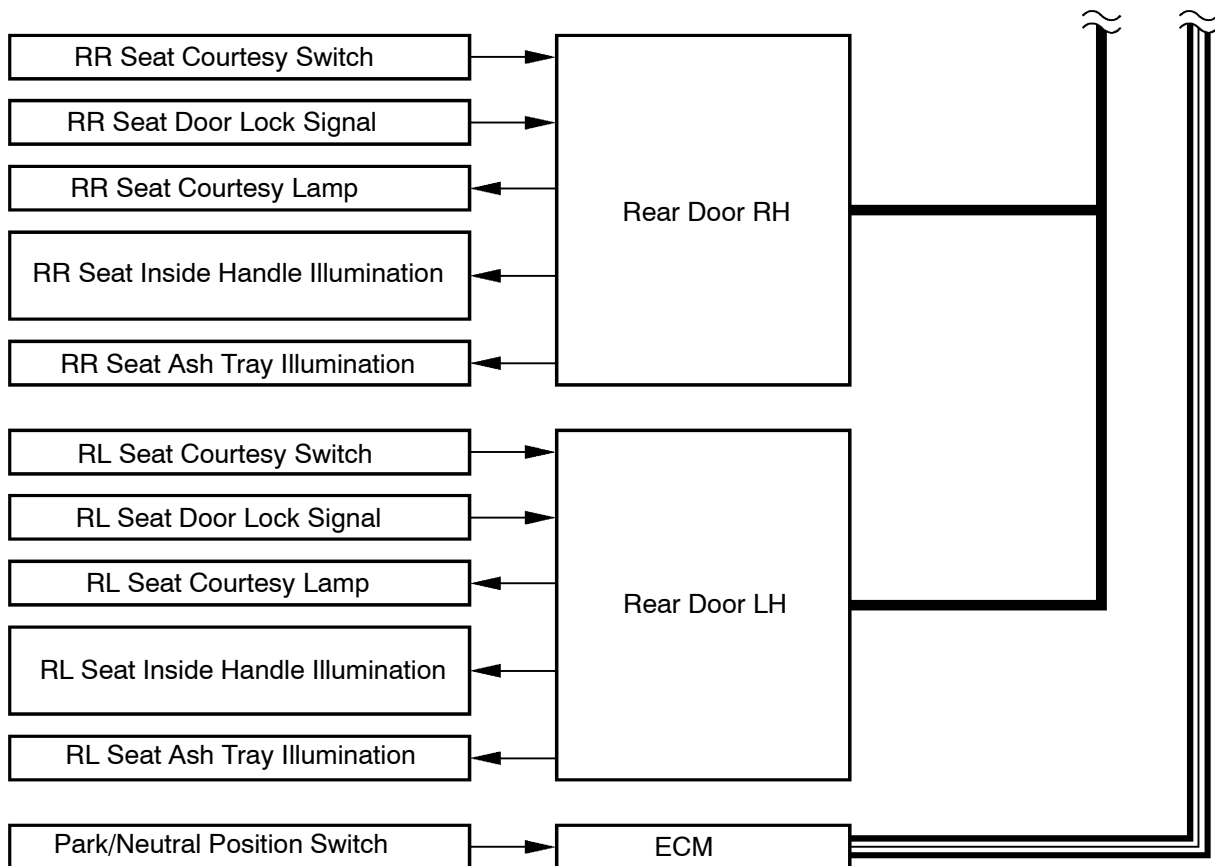
*2: Back-up signal line (Head signal line)

Rear Lighting System

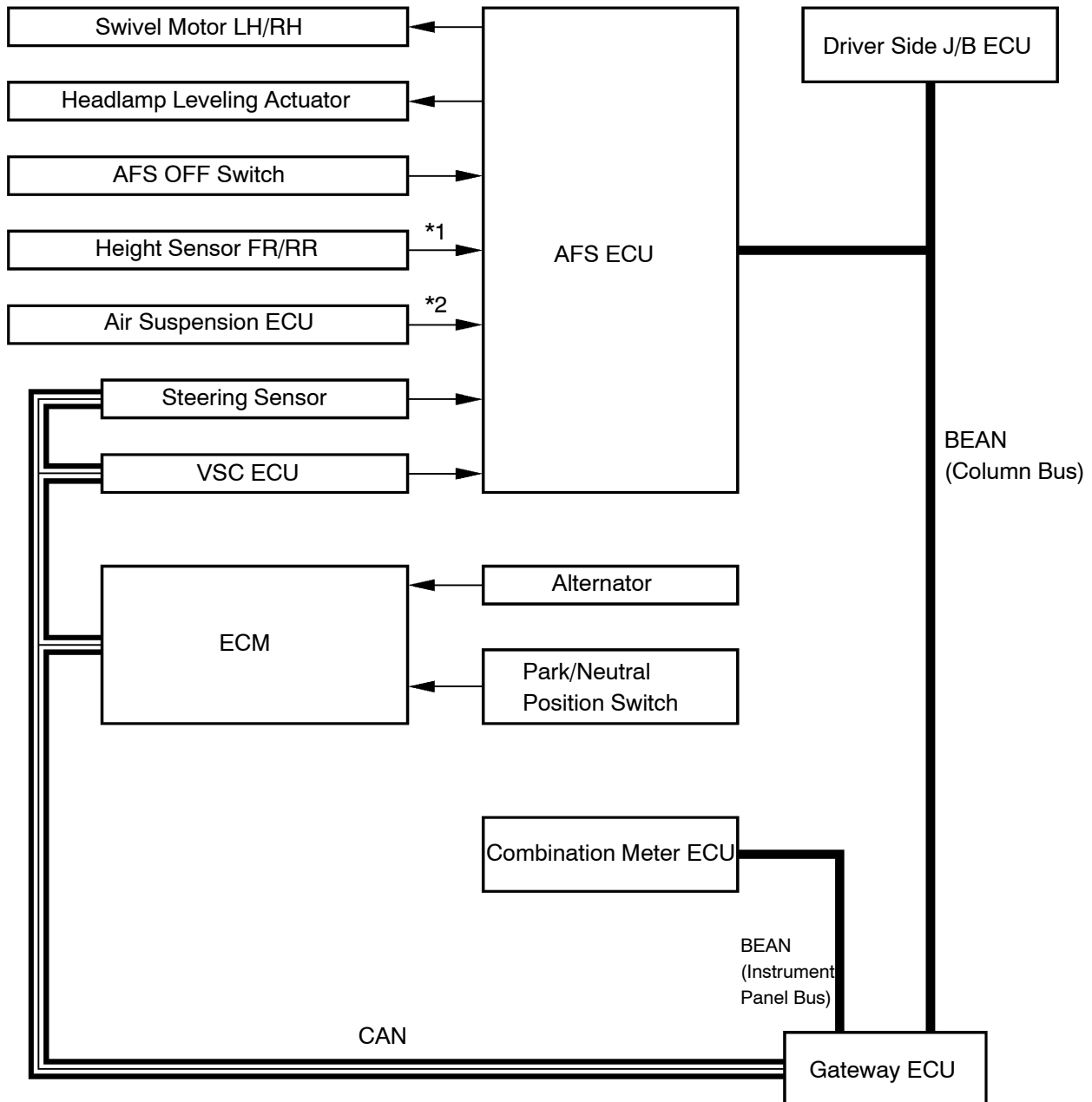


*1 Back-up bus line

Illumination Control System



AFS



*1: w/o Electronic Modulate Air Suspension

*2: w/ Electronic Modulate Air Suspension

Input and output signals of each ECU.**Front lighting system**

Transmitting ECU (Transmitter)	Receiving ECU	Signals	Communication method
Driver Side J/B ECU	Front light ECU	• Taillamp ON demand signal • High beam ON demand signal • Front fog lamp ON demand signal	BEAN
Driver Side J/B ECU	Combination meter ECU	• Light reminder prohibit signal	BEAN
Combination switch ECU	Driver Side J/B ECU	• Light SW auto signal • Light SW tail signal • Light SW head signal • Light SW high beam signal • Front fog SW signal • Lighting system passing signal • Right turn signal • Left turn signal	BEAN
Driver Door ECU	Driver Side J/B ECU	• Driver's seat courtesy switch signal	BEAN
ECM	Driver Side J/B ECU	• Alternator L terminal signal • Shift position P signal	CAN – BEAN
VSC ECU	Driver Side J/B ECU	• Parking brake SW signal	CAN – BEAN

Rear lighting system

Transmitting ECU (Transmitter)	Receiving ECU	Signals	Communication method
Combination switch ECU	Driver Side J/B ECU	• Light SW auto signal • Light SW tail signal • Light SW head signal	BEAN
VSC ECU	Driver Side J/B ECU	• Brake control performing signal	CAN – BEAN
ECM	Luggage room J/B ECU	• Shift position R signal	CAN – BEAN
Driver Side J/B ECU	Luggage room J/B ECU	• Taillamp ON demand signal • Stop lamp ON demand signal	BEAN

Illumination control system

Transmitting ECU (Transmitter)	Receiving ECU	Signals	Communication method
Passenger Side J/B ECU	Driver door ECU Passenger door ECU Rear door RH Rear door LH	• Illumination ON demand signal	BEAN
Driver door ECU	Driver Side J/B ECU	• Driver's seat courtesy SW signal • Driver's seat door lock signal	BEAN
Passenger door ECU	Driver Side J/B ECU	• Passenger seat courtesy SW signal • Passenger seat door lock signal	BEAN
Rear door RH ECU	Driver Side J/B ECU	• RR seat courtesy SW signal • RR seat door lock signal	BEAN
Rear door LH ECU	Driver Side J/B ECU	• RL seat courtesy SW signal • RL seat door lock signal	BEAN
Driver door ECU	Passenger Side J/B ECU	• Driver's seat courtesy SW signal • Driver's seat door lock signal	BEAN
Passenger door ECU	Passenger Side J/B ECU	• Passenger seat courtesy SW signal • Passenger seat door lock signal	BEAN
Rear door RH ECU	Passenger Side J/B ECU	• RR seat courtesy SW signal • RR seat door lock signal	BEAN
Rear door LH ECU	Passenger Side J/B ECU	• RL seat courtesy SW signal • RL seat door lock signal	BEAN

Transmitting ECU (Transmitter)	Receiving ECU	Signals	Communication method
Driver door ECU	Luggage room J/B ECU	• Driver's seat courtesy SW signal • Driver's seat door lock signal	BEAN
Passenger door ECU	Luggage room J/B ECU	• Passenger seat courtesy SW signal • Passenger seat door lock signal	BEAN
Rear door RH ECU	Luggage room J/B ECU	• RR seat courtesy SW signal • RR seat door lock signal	BEAN
Rear door LH ECU	Luggage room J/B ECU	• RL seat courtesy SW signal • RL seat door lock signal	BEAN
ECM	Passenger Side J/B ECU	• Shift position P signal	CAN - BEAN
Driver Side J/B ECU	Passenger Side J/B ECU	• Illumination permit signal • Ignition SW signal	BEAN
Driver Side J/B ECU	Rear door RH ECU Rear door LH ECU	• Taillamp ON demand signal	BEAN
Combination switch ECU	Driver Side J/B ECU	• Light SW auto signal • Light SW tail signal • Light SW head signal	BEAN

AFS

Transmitting ECU (Transmitter)	Receiving ECU	Signals	Communication method
Driver Side J/B ECU	AFS ECU	• Headlamp ON demand signal • DRL ON demand signal	BEAN
ECM	AFS ECU	• Alternator L terminal signal • Shift position signal	CAN - BEAN
VSC ECU	AFS ECU	• Zero position value stored in steering angle sensor	CAN - BEAN
Combination meter ECU	AFS ECU	• Vehicle speed signal	BEAN
AFS ECU	Combination meter ECU	• AFS warning signal • AFS OFF indicator signal	BEAN