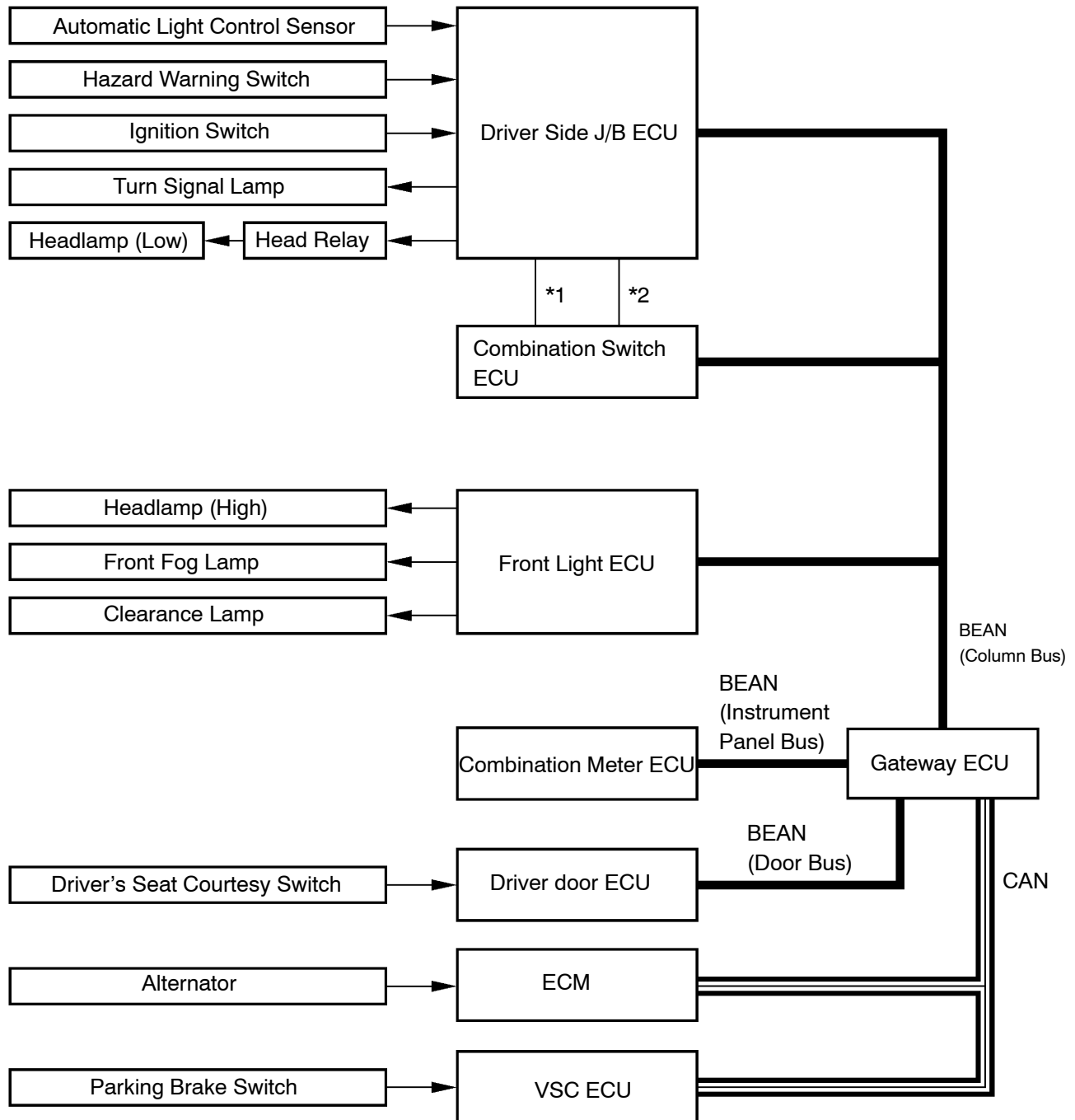


SYSTEM DIAGRAM

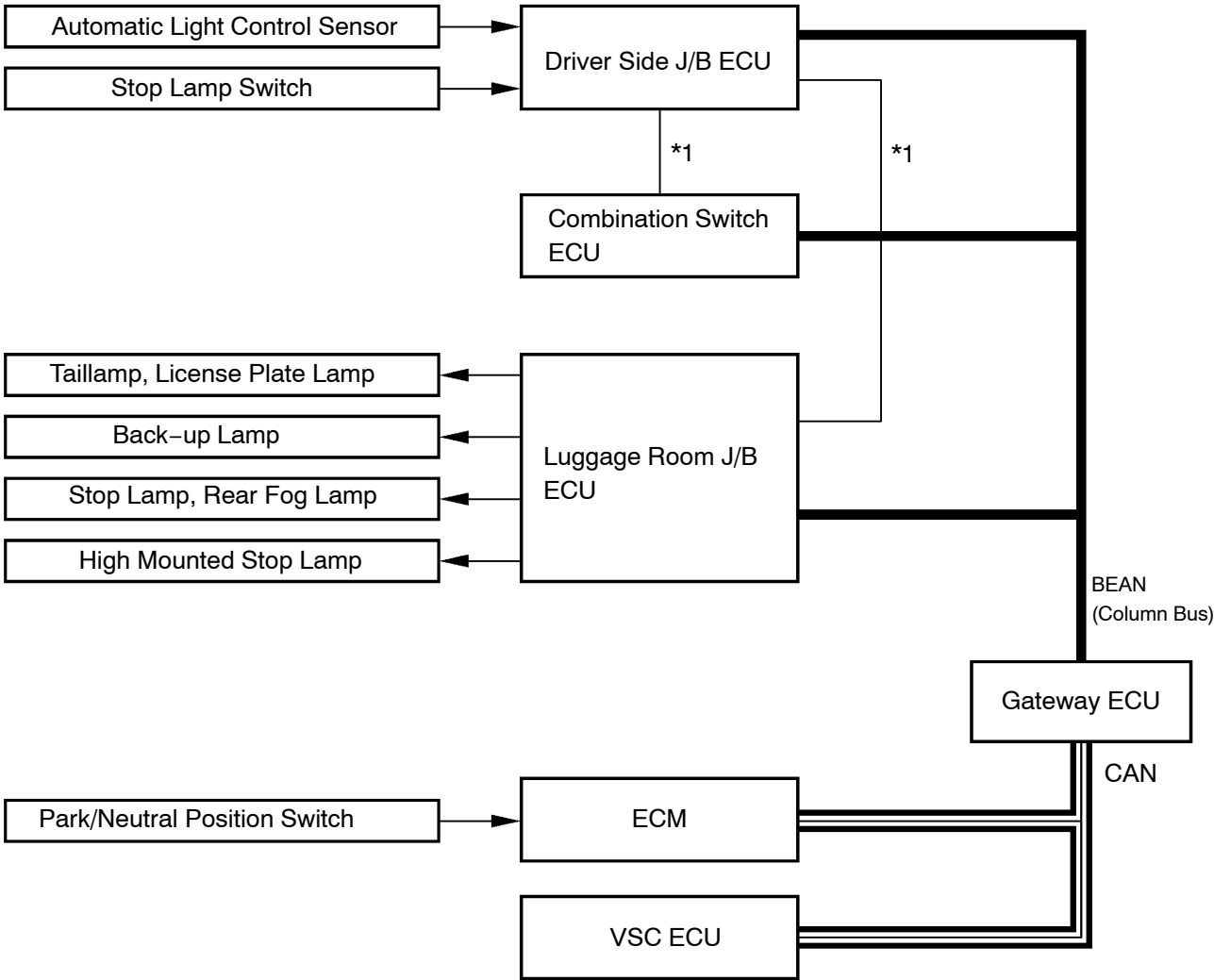
Front Lighting System

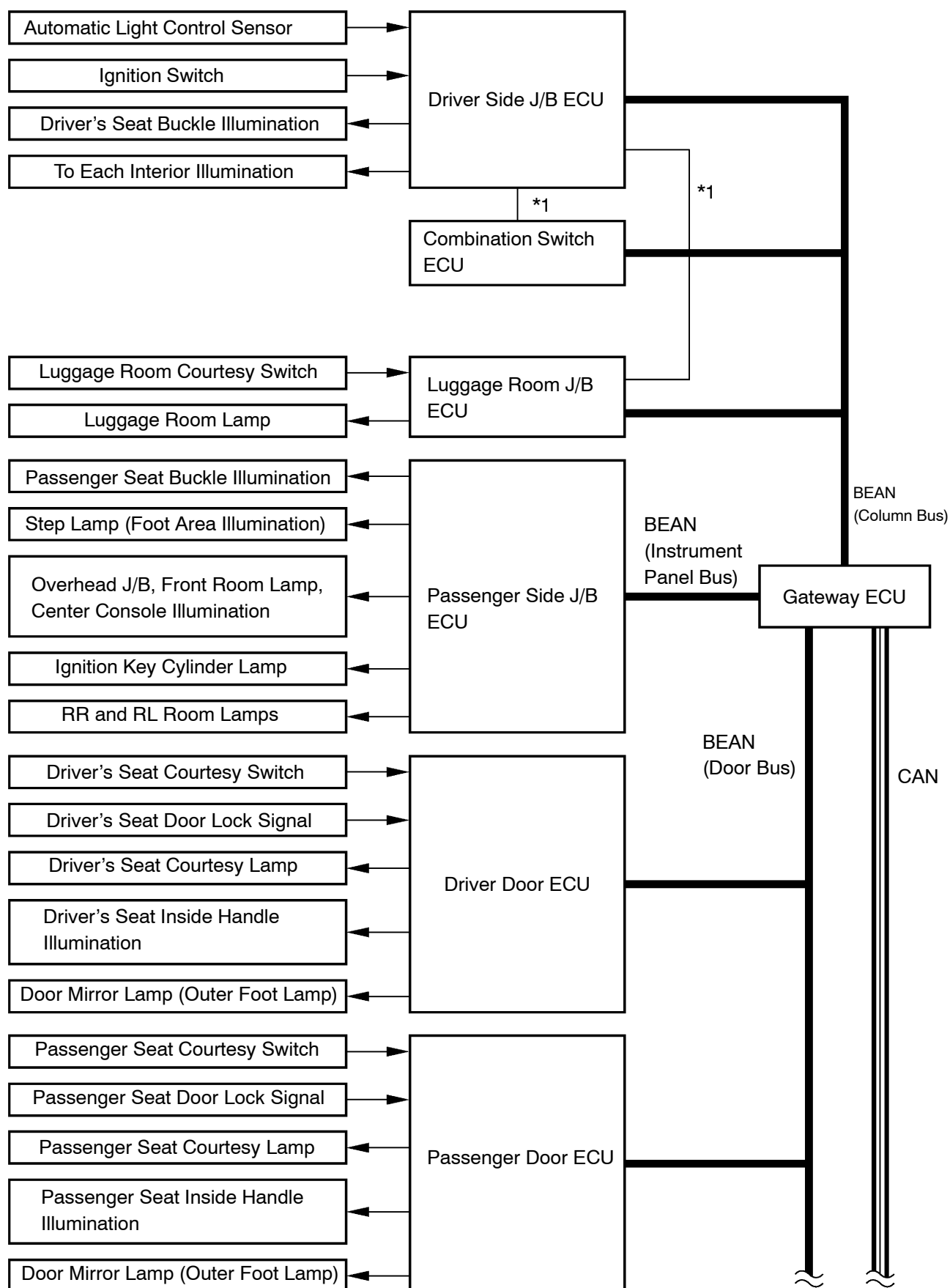


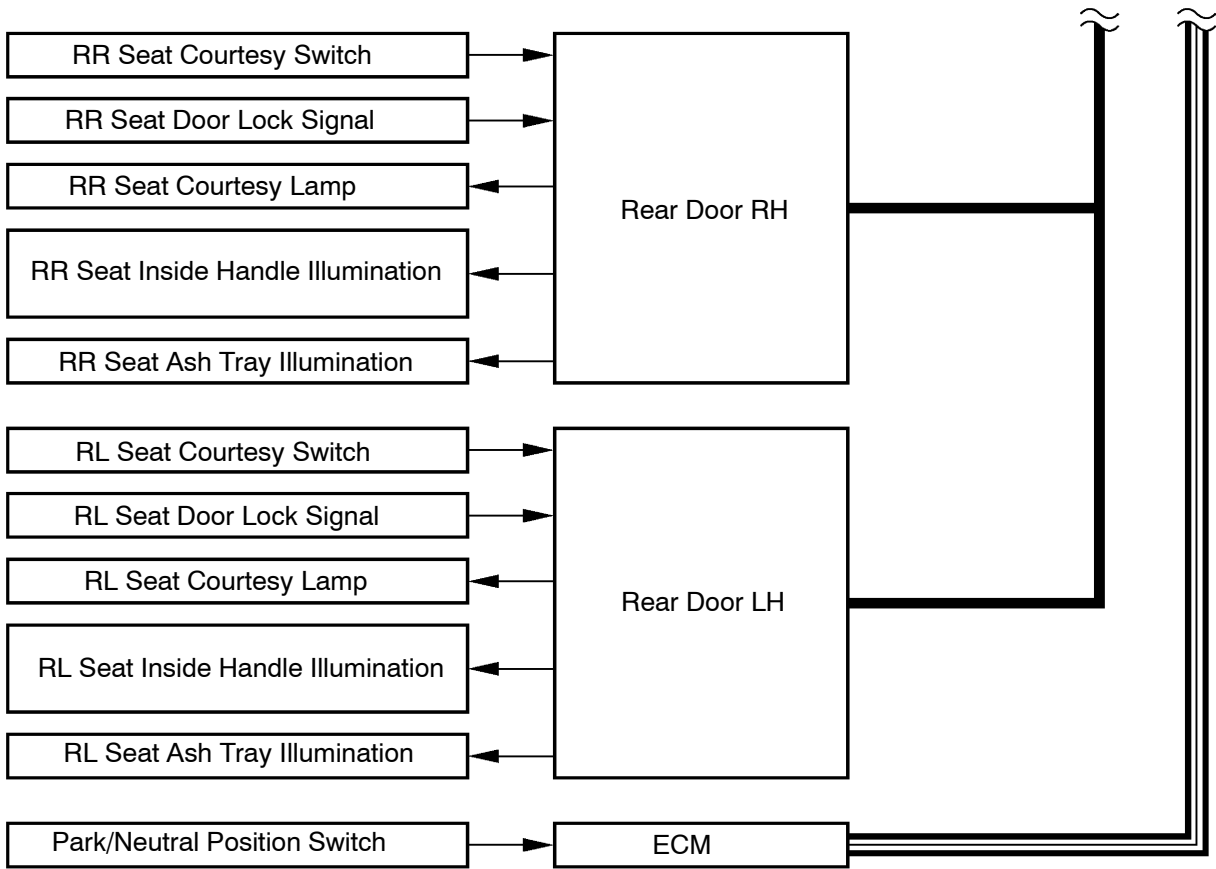
*1: Back-up bus line

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

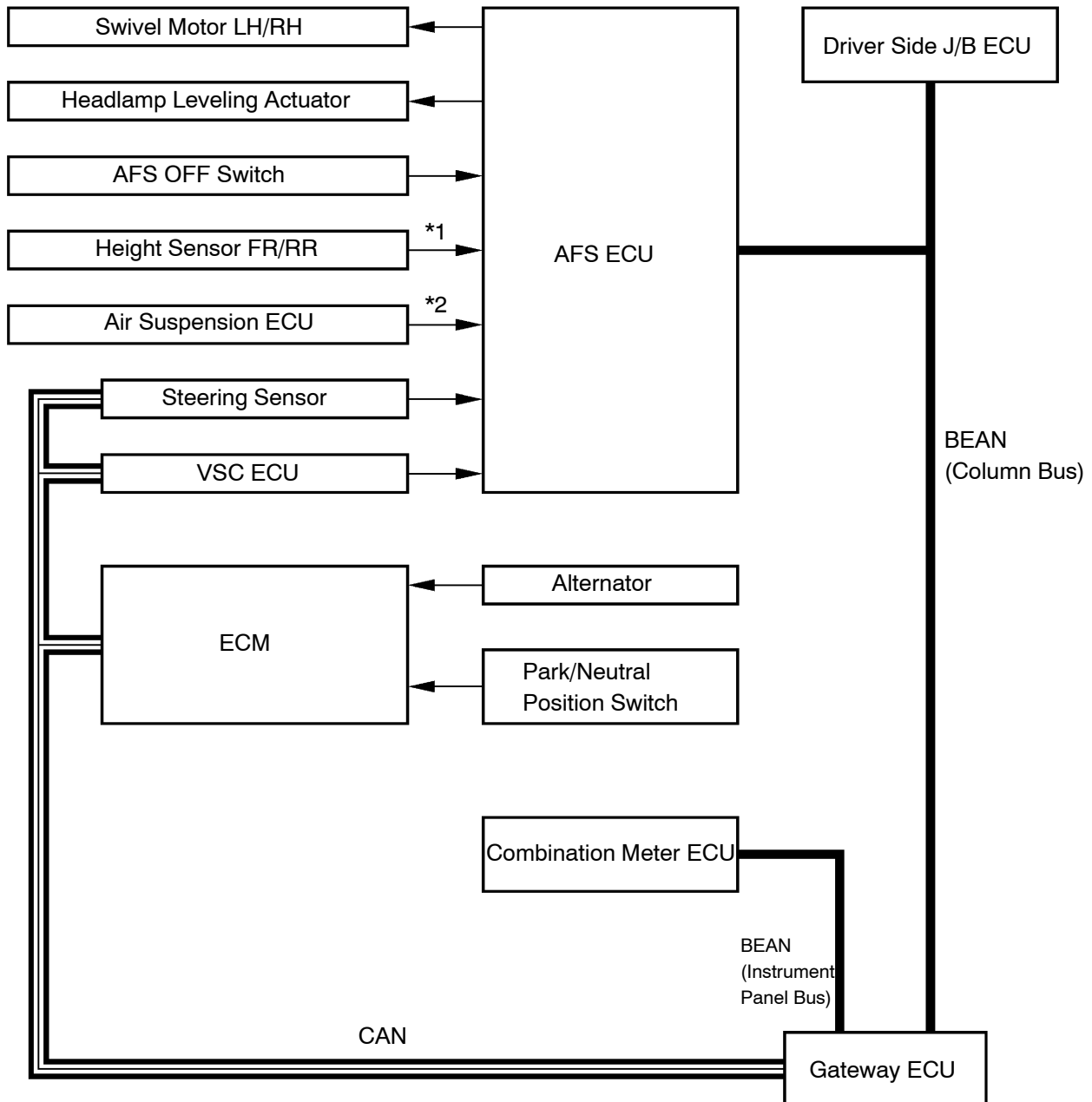
Rear Lighting System



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	<ul style="list-style-type: none"> • Taillamp ON demand signal • High beam ON demand signal • Front fog lamp ON demand signal 	BEAN
Driver Side J/B ECU	Combination meter ECU	<ul style="list-style-type: none"> • Light reminder prohibit signal 	BEAN
Combination switch ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Driver's seat courtesy switch signal 	BEAN
ECM	Driver Side J/B ECU	<ul style="list-style-type: none"> • Alternator L terminal signal • Shift position P signal 	CAN – BEAN
VSC ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Light SW auto signal • Light SW tail signal • Light SW head signal 	BEAN
VSC ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • Brake control performing signal 	CAN – BEAN
ECM	Luggage room J/B ECU	<ul style="list-style-type: none"> • Shift position R signal 	CAN – BEAN
Driver Side J/B ECU	Luggage room J/B ECU	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Illumination ON demand signal 	BEAN
Driver door ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • Driver's seat courtesy SW signal • Driver's seat door lock signal 	BEAN
Passenger door ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • Passenger seat courtesy SW signal • Passenger seat door lock signal 	BEAN
Rear door RH ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • RR seat courtesy SW signal • RR seat door lock signal 	BEAN
Rear door LH ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • RL seat courtesy SW signal • RL seat door lock signal 	BEAN
Driver door ECU	Passenger Side J/B ECU	<ul style="list-style-type: none"> • Driver's seat courtesy SW signal • Driver's seat door lock signal 	BEAN
Passenger door ECU	Passenger Side J/B ECU	<ul style="list-style-type: none"> • Passenger seat courtesy SW signal • Passenger seat door lock signal 	BEAN
Rear door RH ECU	Passenger Side J/B ECU	<ul style="list-style-type: none"> • RR seat courtesy SW signal • RR seat door lock signal 	BEAN
Rear door LH ECU	Passenger Side J/B ECU	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Driver's seat courtesy SW signal • Driver's seat door lock signal 	BEAN
Passenger door ECU	Luggage room J/B ECU	<ul style="list-style-type: none"> • Passenger seat courtesy SW signal • Passenger seat door lock signal 	BEAN
Rear door RH ECU	Luggage room J/B ECU	<ul style="list-style-type: none"> • RR seat courtesy SW signal • RR seat door lock signal 	BEAN
Rear door LH ECU	Luggage room J/B ECU	<ul style="list-style-type: none"> • RL seat courtesy SW signal • RL seat door lock signal 	BEAN
ECM	Passenger Side J/B ECU	<ul style="list-style-type: none"> • Shift position P signal 	CAN - BEAN
Driver Side J/B ECU	Passenger Side J/B ECU	<ul style="list-style-type: none"> • Illumination permit signal • Ignition SW signal 	BEAN
Driver Side J/B ECU	Rear door RH ECU Rear door LH ECU	<ul style="list-style-type: none"> • Taillamp ON demand signal 	BEAN
Combination switch ECU	Driver Side J/B ECU	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Headlamp ON demand signal • DRL ON demand signal 	BEAN
ECM	AFS ECU	<ul style="list-style-type: none"> • Alternator L terminal signal • Shift position signal 	CAN - BEAN
VSC ECU	AFS ECU	<ul style="list-style-type: none"> • Zero position value stored in steering angle sensor 	CAN - BEAN
Combination meter ECU	AFS ECU	<ul style="list-style-type: none"> • Vehicle speed signal 	BEAN
AFS ECU	Combination meter ECU	<ul style="list-style-type: none"> • AFS warning signal • AFS OFF indicator signal 	BEAN