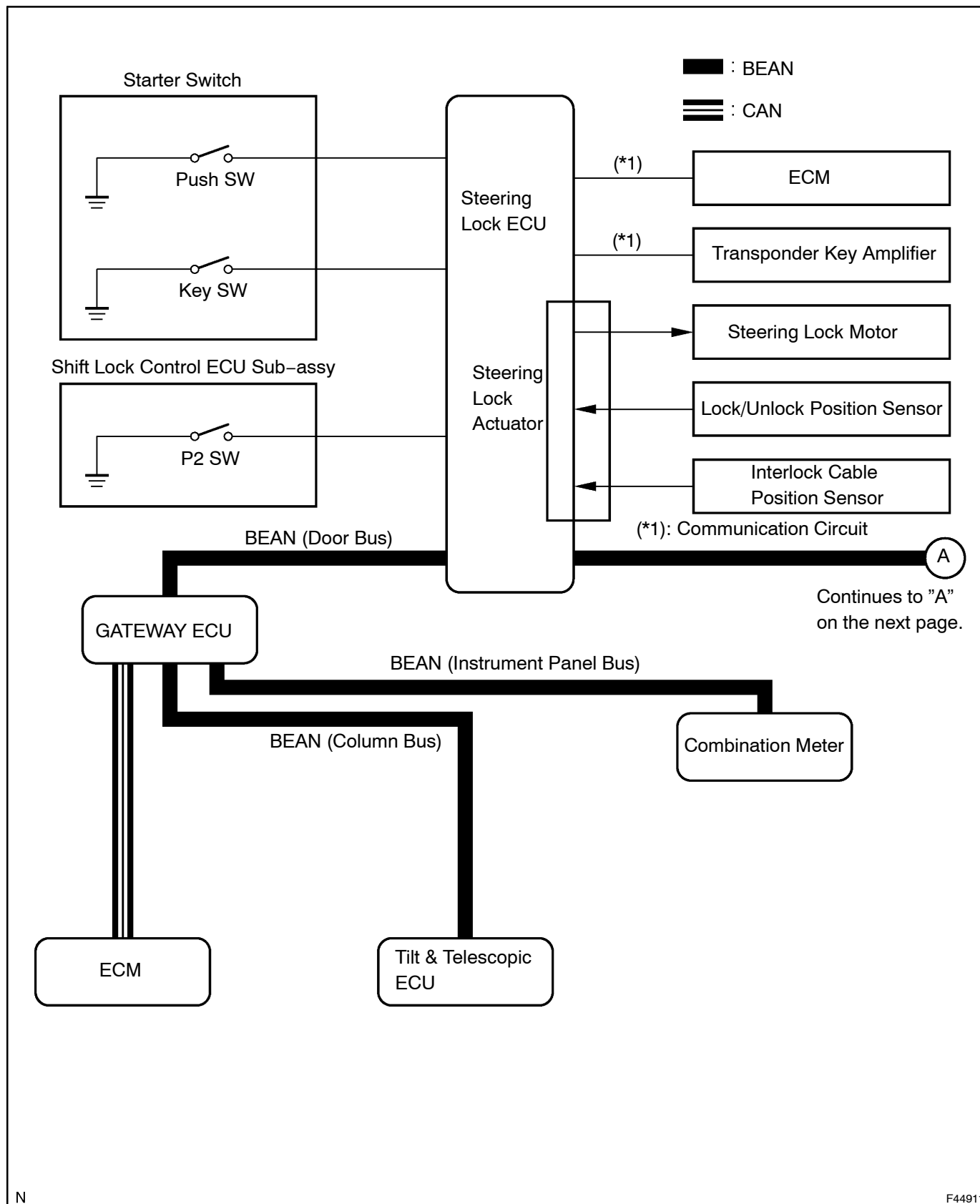
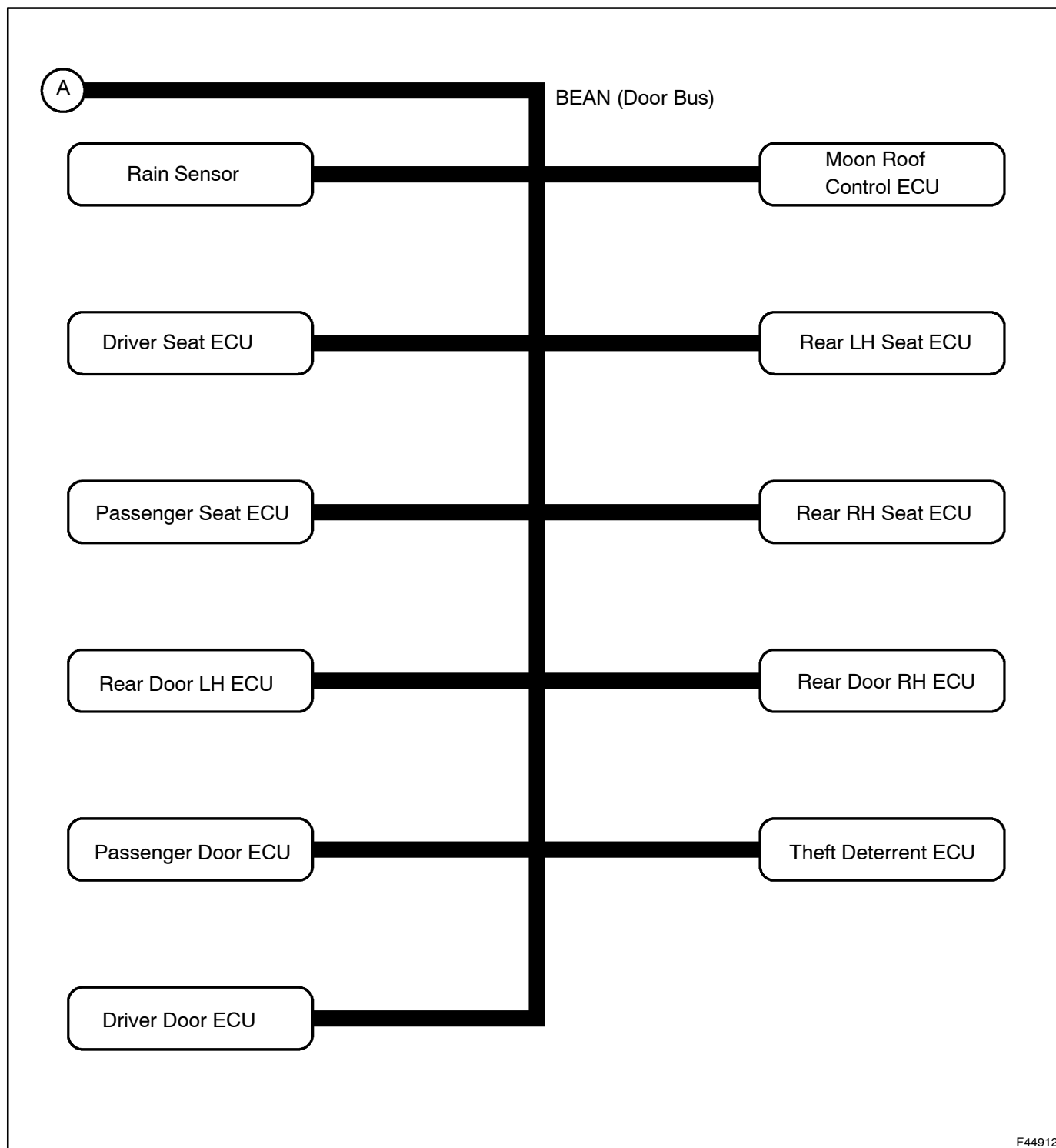


SYSTEM DIAGRAM





Input and output signals of each ECU.

Transmitting ECU (transmitter)	Receiving ECU	Signals	Communication method
Theft Deterrent ECU	Steering Lock ECU	• Smart door lock signal (to complete transmitting result of interior verification) • Wireless door lock signal (to complete transmitting result of interior verification) • Lock release/activation signal (to confirm result of interior verification to release steering lock) • ACC SW signal (ACC status confirmation)	BEAN (Door Bus)
ECM	Steering Lock ECU	• Shift position P signal • Engine speed signal (for immobilizer control)	CAN
Combination Meter	Steering Lock ECU	• Vehicle speed signal (for steering lock control)	BEAN (Instrument Panel Bus)
Driver Door ECU	Steering Lock ECU	• Driver's seat courtesy SW signal (driver door condition confirmation)	BEAN (Door Bus)
Steering Lock ECU	Theft Deterrent ECU	• Key SW signal (general smart control) • IG SW signal (general smart control) • Push SW signal (smart ignition control) • Immobilizer information signal (half-shut door warning control) • Security indicator signal (security indicator blinks) • Security indicator ON demand signal (security indicator comes on) • Shift lock P2SW signal (smart warning control)	BEAN (Door Bus)
Steering Lock ECU	Combination Meter	• Key SW signal (key reminder control) • IG SW signal (key remainder control) • Continuous meter chime ringing demand signal (key reminder control) • Meter chime ringing demand signal (chime rings) • Meter buzzer sounding signal (buzzer sounds) • Meter display demand signal (Electronic key display ("shift lever is not in P position")) • Meter display demand signal (Steering lock display ("steering lock")) • Meter display demand signal (Electronic key display ("key is incorrect")) • Meter display demand signal (Steering lock display ("steering lock is stuck"))	BEAN (Instrument Panel Bus)
Steering Lock ECU	Tilt & Telescopic ECU	• Key SW signal (condition to start auto operation) • IG SW signal (condition for auto operation) • Push SW signal (condition for auto operation when using smart key)	BEAN (Column Bus)
Steering Lock ECU	Driver Door ECU	• Key SW signal (Power window control) • IG SW signal (IG signal input)	BEAN (Door Bus)
Steering Lock ECU	Passenger Door ECU	• Key SW signal (Power window control) • IG SW signal (IG signal input)	BEAN (Door Bus)
Steering Lock ECU	Rear Door LH ECU	• IG SW signal (IG signal input)	BEAN (Door Bus)
Steering Lock ECU	Rear Door RH ECU	• IG SW signal (IG signal input)	BEAN (Door Bus)
Steering Lock ECU	Driver Seat ECU	• Push SW signal (memory and reproduction control) • IG SW signal (memory and reproduction control) • Key SW signal (memory and reproduction control)	BEAN (Door Bus)
Steering Lock ECU	Passenger Seat ECU	• IG SW signal (seat control)	BEAN (Door Bus)
Steering Lock ECU	Rear LH Seat ECU	• IG SW signal (memory and reproduction control)	BEAN (Door Bus)
Steering Lock ECU	Rear RH Seat ECU	• IG SW signal (memory and reproduction control)	BEAN (Door Bus)
Steering Lock ECU	Rain Sensor	• Push SW signal (prohibits wiper operation when starting with remote start)	BEAN (Door Bus)
Steering Lock ECU	Moon Roof Control ECU	• IG SW signal (sliding roof control)	BEAN (Door Bus)