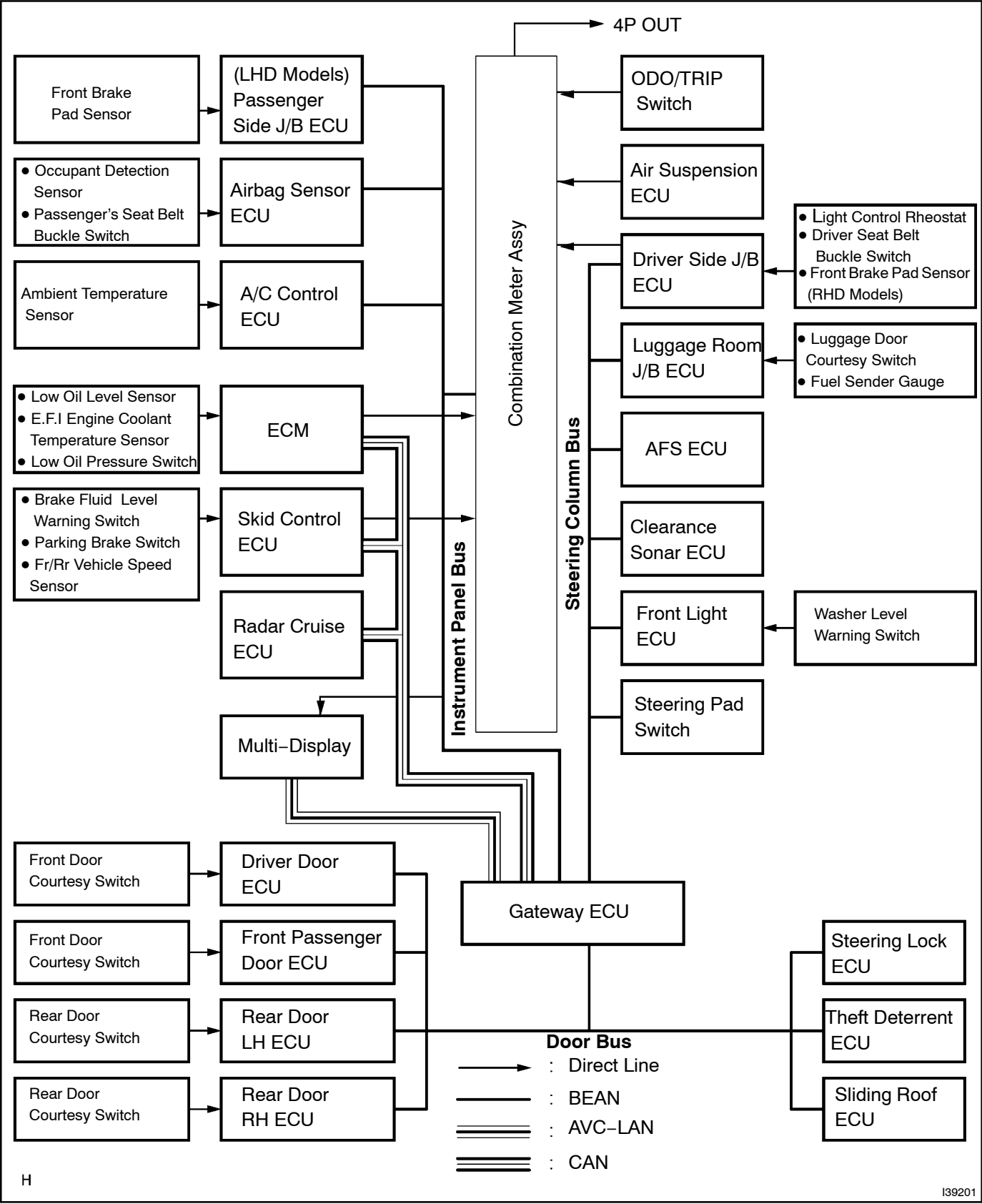


SYSTEM DIAGRAM



GATEWAY:

ECU	Communication signal to combination meter
Gateway ECU	• Transmits diagnosis tool.

CAN:

ECU	Communication signal to combination meter
Automatic Radar Cruise ECU	• Transmits radar cruise vehicle distance signal. • Transmits radar sensor optical axis deviation amount signal.
Skid Control ECU	• Transmits brake fluid warning signal. • Transmits brake level warning signal. • Transmits a request signal to turn on TRC-OFF indicator light. • Transmits a request signal to turn on/blink SLIP indicator light. • Transmits a stop light signal for vehicle distance control. • Transmits tire pressure monitor light signal. • Transmits parking brake switch signal. • Transmits ABS warning light signal. • Transmits VSC warning light signal. • Transmits diagnosis signal (ABS, VSC).
ECM	• Transmits ECT indicator signal. • Transmits engine oil level warning signal. • Transmits engine oil pressure switch signal. • Transmits battery charge signal. • Transmits test mode signal. • Transmits starter signal. • Transmits radar cruise signal. • Transmits diagnosis signal. (Throttle position sensor) • Transmits diagnosis signal. (Radar cruise) • Transmits shift position signal. • Transmits water temperature signal. • Transmits engine speed signal. • Transmits fuel injection volume signal. (for FUEL gauge control)

BEAN (Instrument Panel):

ECU	Communication signal to combination meter
Combination Meter ECU	• Transmits vehicle speed signal.
Passenger Side J/B ECU	• Transmits headlight level warning signal. • Transmits brake pad sensor warning signal.
Airbag Sensor Assembly	• Transmits diagnosis code signal. • Transmits passenger seat occupant classification signal. • Transmits passenger seat buckle switch signal. • Transmits a request signal to turn on airbag warning light. • Transmits a request signal to blink airbag warning light.
A/C Control ECU	• Transmits outside temperature signal. • Transmits A/C filter clogging warning signal. • Transmits A/C filter clogging warning reset signal. • Transmits a request signal to indicate compass direction. • Transmits a request signal to indicate compass calibration. • Receives compass calibration switch signal.

BEAN (Door):

ECU	Communication signal to combination meter
RR DOOR ECU	• Transmits RR door courtesy switch signal
RL DOOR ECU	• Transmits RL door courtesy switch signal
P DOOR ECU	• Transmits P door courtesy switch signal
D DOOR ECU	• Transmits D door courtesy switch signal
Steering Lock ECU	• Transmits a meter display request signal. • Transmits a request signal to sound a buzzer. • Transmits a request signal to ring a chime. • Transmits a request signal to ring a chime continuously. • Transmits ignition switch signal. • Transmits ignition key switch signal.
Sliding Roof ECU	• Transmits roof close signal. • Transmits roof open warning signal. • Transmits a request signal to sound a buzzer.
Theft Deterrent ECU	• Transmits a single buzzer sounding signal. • Transmits a signal to inform if key is in the cabin. • Transmits key battery information signal. • Transmits a signal to inform that engine cannot be restarted. • Transmits a signal to inform if key is on front seats. • Transmits incorrect key signal. • Transmits shift position warning signal. • Transmits a request signal to sound a buzzer. • Transmits door open indication signal. • Transmits fuel lid open signal.

BEAN (Column):

ECU	Communication signal to combination meter
Steering Pad Switch	• Transmits function switch position signal to switch drive monitor. • Transmits mode switch position signal to switch multi-display. • Transmits reset switch position signal to reset drive monitor.
Clearance Sonar ECU	• Transmits meter display request signal. • Transmits area information signal.
Driver Side J/B ECU	• Transmits light reminder prohibiting signal. • Transmits brake pad sensor warning signal. • Transmits driver's seat buckle switch signal. • Transmits display dimmer signal. • Transmits a request signal to turn on a light.
Luggage room J/B ECU	• Transmits luggage courtesy switch signal (Luggage indication & warning). • Transmits fuel opener drive signal. • Transmits fuel initial signal. • Transmits fuel sender level signal.
Front Light ECU	• Transmits washer level warning signal.
AFS ECU	• Transmits AFS warning signal. • Transmits a request signal to turn on AFS-OFF indicator light.

AVC-LAN:

ECU	Communication signal to combination meter
Multi-Display	• Receives a command signal to indicate vehicle warning. (FUEL level, parking brake drag, brake fluid level, door open, radar cruise, check engine, ABS, VSC, etc.)