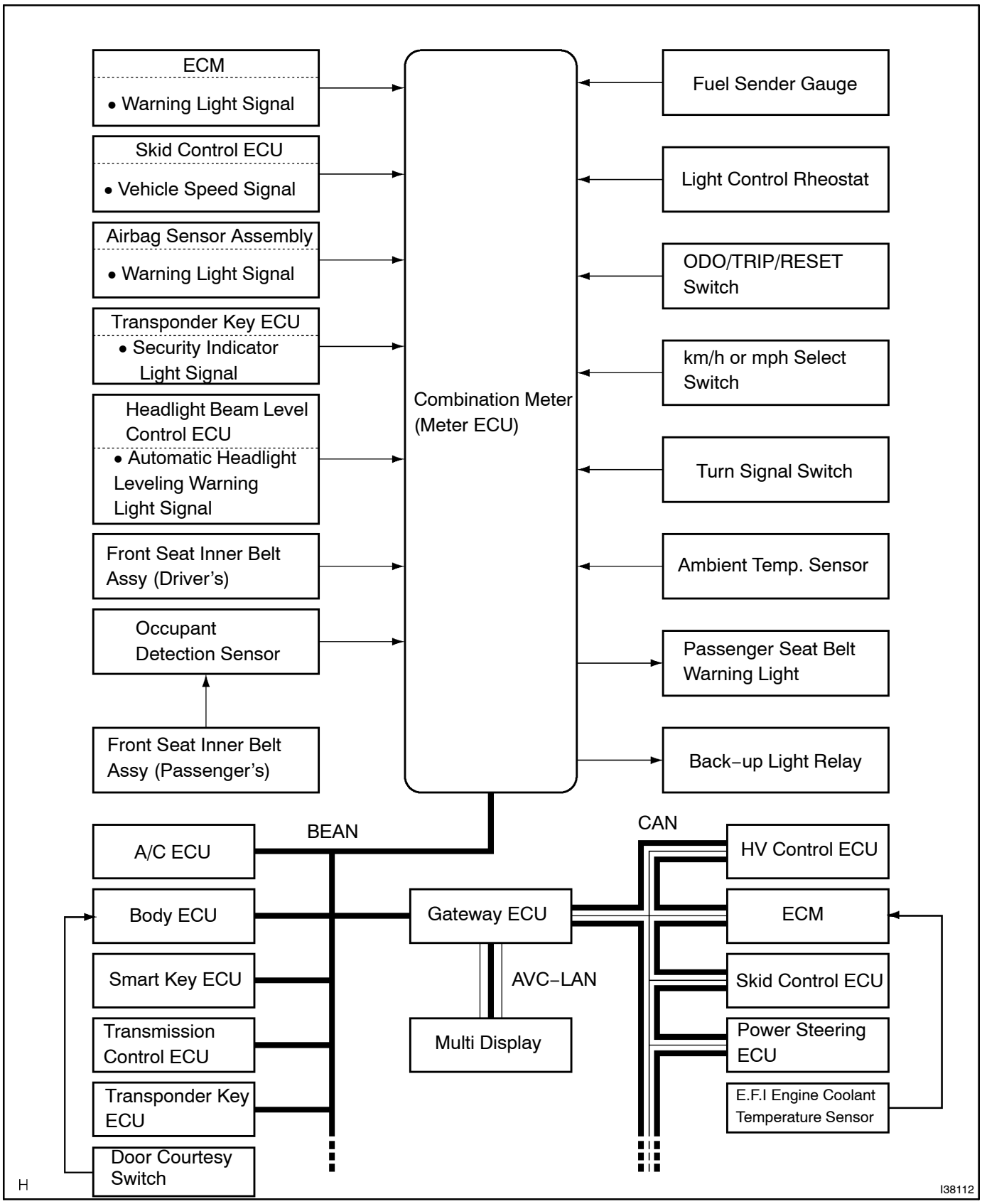
05IAA–01

SYSTEM DIAGRAM



GATEWAY:

ECU	Signals from/to Combination meter (Meter ECU)
GATEWAY ECU	• Receives ODO METER information signal

BEAN:

ECU	Signals from/to Combination Meter (Meter ECU)
A/C ECU	• Transmits ambient temperature signal (for low ambient temperature warning light) • Transmits indicator light (A/C AUTO, RECIRCULATE, Front DEF, Rear DEF) ON demand signal • Receives vehicle speed signal
Body ECU	• Receives vehicle speed signal • Receives tail cancel signal • Transmits D seat door courtesy SW signal (for headlamp reminder control) • ACC switch signal • Transmits D seat door courtesy SW signal • Transmits warning ON signal (HEAD and TAIL) • Transmits headlight ON signal (HI–BEAM) • Transmits front fog light ON signal (FOG indicator light) • Transmits meter illumination light dimmer demand signal • Transmits warning ON signal (all door courtesy switch)
Smart Key ECU	• Receives vehicle speed signal • Transmits inside cabin key detection signal (Smart Key System) • Transmits buzzer sounding demand signal
Transmission Control ECU	• Transmits P state signal • Transmits master warning light (P control malfunction) ON demand signal • Transmits shift position (N, P) signal
Transponder Key ECU	• Transmits master warning light (shift warning) ON demand signal • Transmits buzzer sounding demand signal • Receives vehicle speed signal
Steering Lock ECU	• Transmits buzzer sounding demand signal • Transmits meter display signal

CAN:

ECU	Signals from/to Combination Meter (Meter ECU)
HV ECU	• Transmits shift position signal (P, R, N, D, B) (for shift position indicator light) • Transmits cruise indicator light ON demand signal • Transmits master warning light (HV system, main battery, NDB warning, Motor inverter, CHARGE) ON demand signal • Transmits READY indicator ON/blink & buzzer sounding signal • Transmits starter ON signal • Transmits EV indicator ON/blink & buzzer sounding signal
ECM	• Receives fuel tank level signal • Transmits engine coolant temperature signal (for master warning light [engine coolant temperature warning]) • Transmits engine speed signal (for trip information operation) • Transmits fuel injection volume signal (for trip information operation) • Transmits test mode signal • Transmits master warning light (OIL. P) ON signal
Skid Control ECU	• Transmits warning signal (ABS, VSC, BRAKE, ECB) ON/blink demand signal • Transmits diagnosis signal (ABS, VSC, ECB) ON/blink demand signal • Transmits SLIP indicator light ON/blink demand signal
Power Steering ECU	• Transmits EPS warning light ON/blink demand signal

AVC–LAN:

ECU	Signals from/to Combination Meter (Meter ECU)
Multi–display	• Transmits trip information operation signal • Receives warning (fuel level, headlight leveling, EPS) display signal • Receives trip information display signal • Receives km/h (mph) selector switch signal • Receives taillight cancel switch signal