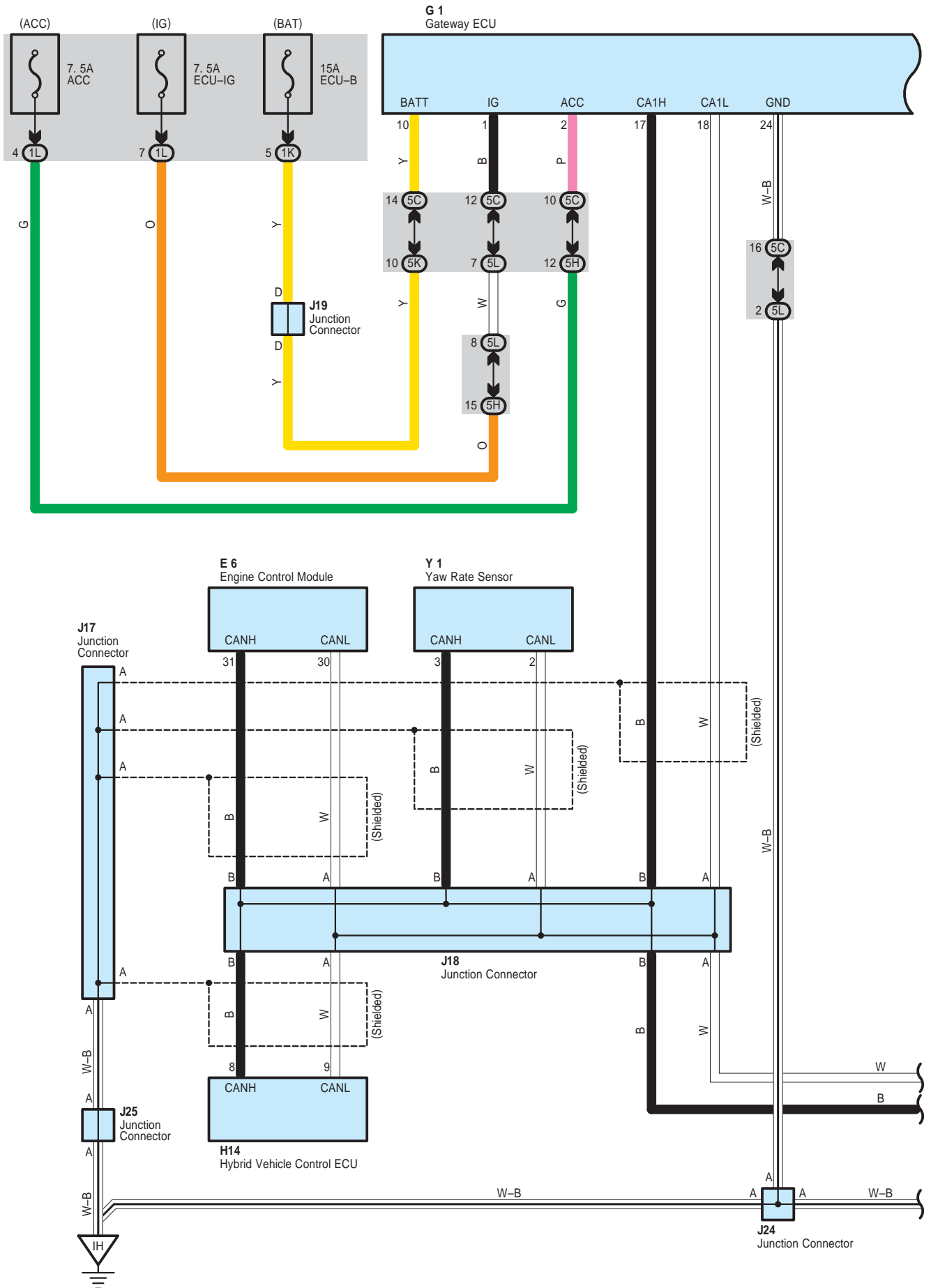
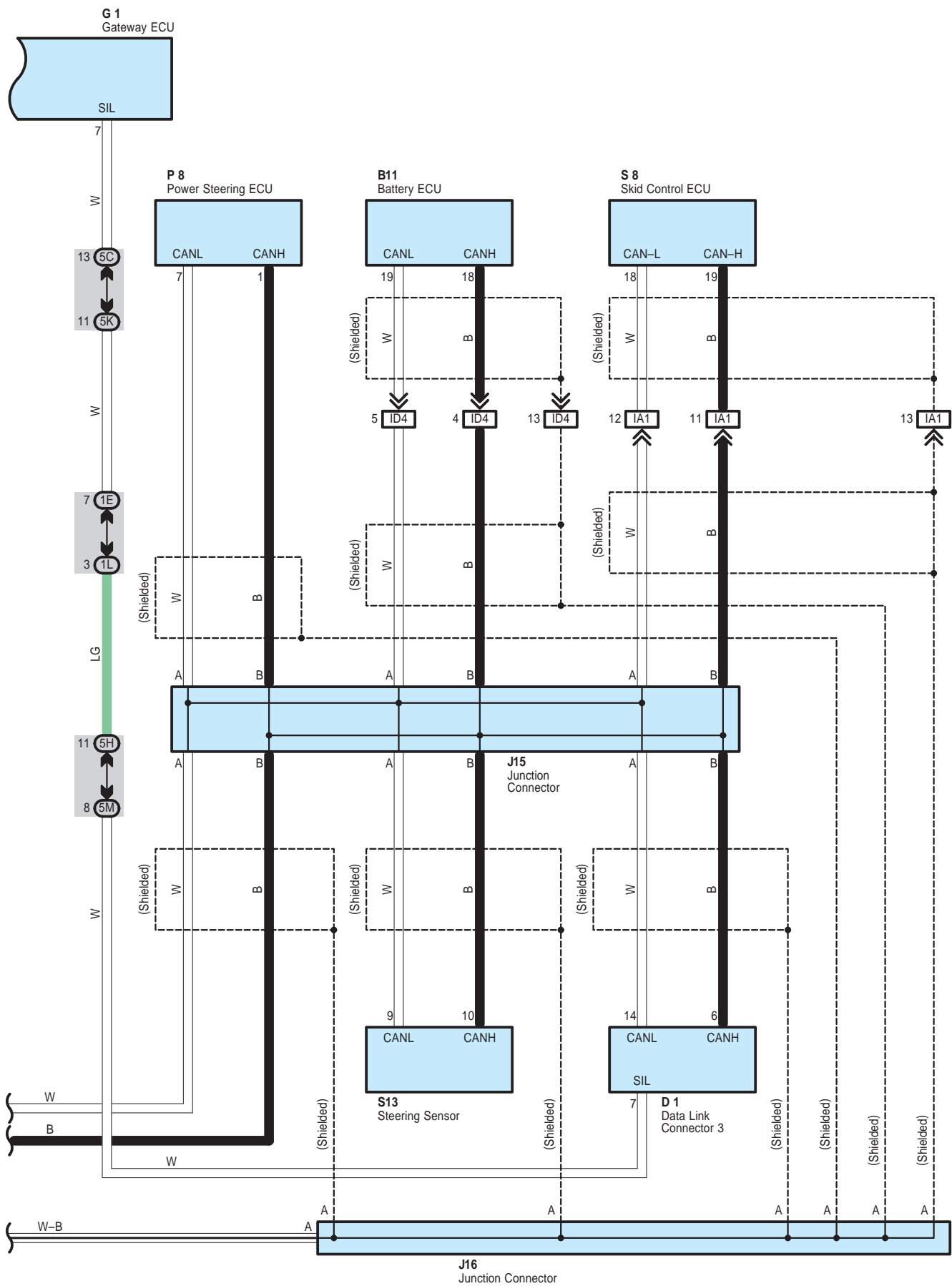


Multiplex Communication System – CAN Bus





Multiplex Communication System – CAN Bus

System Outline

CAN has two lines as a pair which make communication with operating voltage. CAN has excellent data speed and error detecting capacity. It consists of vehicle control systems such as hybrid vehicle control ECU, engine control module, yaw rate sensor, battery ECU, power steering ECU, skid control ECU, steering sensor, data link connector 3 and gateway ECU. Gateway ECU has communication circuit to correspond with different types of communication data. Different types of communication data can be shared among communication parts after it goes through gateway ECU.

This system is working for the following systems:

- * ABS
- * Air Conditioning
- * Audio System
- * Back-Up Light
- * Combination Meter
- * Cruise Control
- * Engine Control
- * EPS
- * Headlight
- * Hybrid Vehicle Immobiliser System
- * Multi-Display
- * Push Button Start System
- * Shift Control System
- * Smart Key System
- * Theft Deterrent
- * TOYOTA Hybrid System
- * TRAC
- * VSC

: Parts Location

Code	See Page	Code	See Page	Code	See Page
B11	52	J16	50	P8	51
D1	49	J17	50	S8	51
E6	49	J18	50	S13	51
G1	49	J19	50	Y1	51
H14	49	J24	50		
J15	50	J25	50		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1E	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1K	31	
1L		
5C	42	Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH)
5H		
5K		
5L		
5M		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	58	Engine Room Main Wire and Instrument Panel Wire (Upper Parts of Front Body Pillar LH)
ID4	58	Instrument Panel Wire and Floor Wire (Left Kick Panel)

: Ground Points

Code	See Page	Ground Points Location
IH	58	Cowl Side Panel LH

