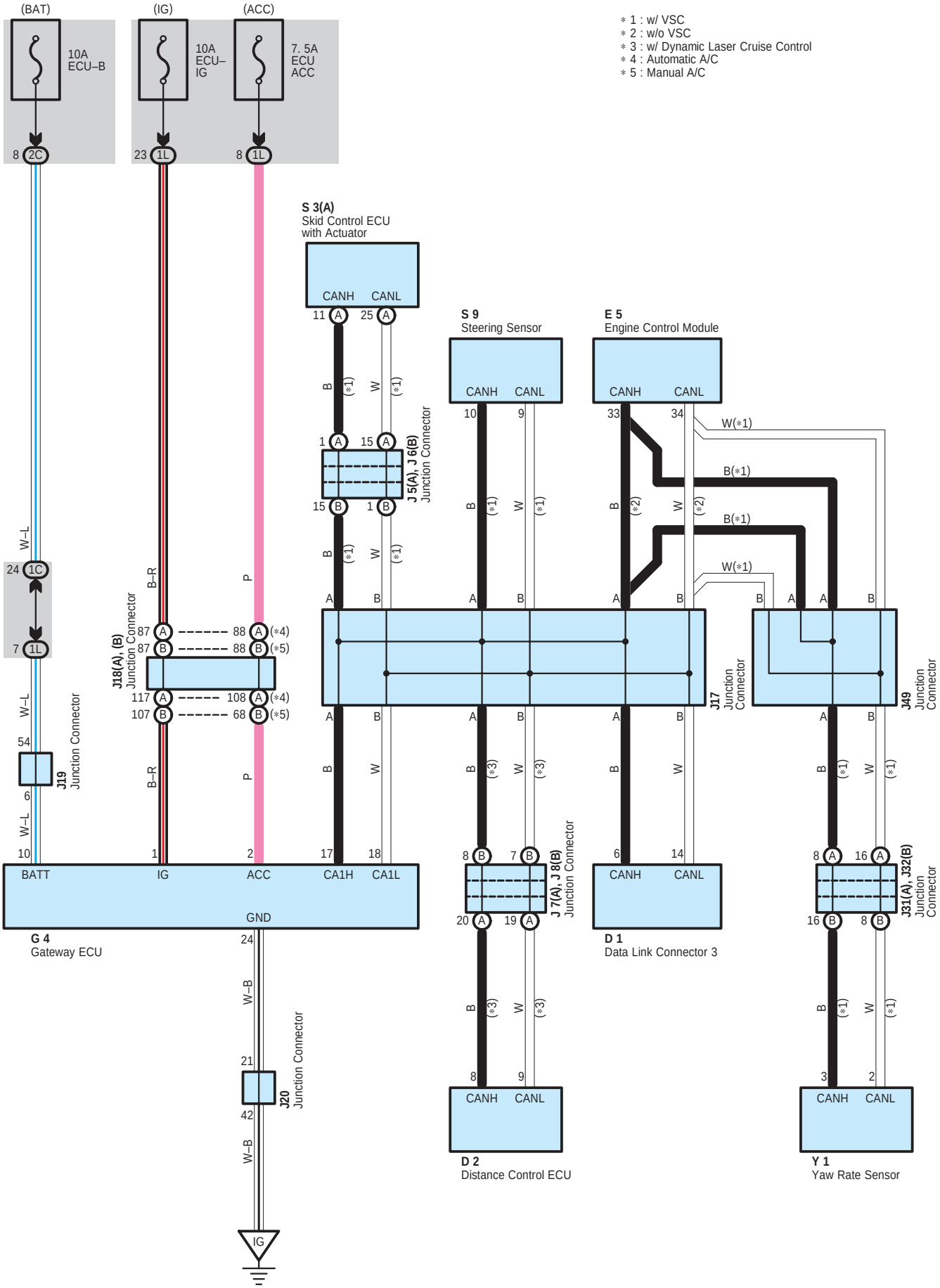

(BAT)
(IG)
(ACC)
10A ECU–B
10A ECU–IG
7. 5A ECU ACC
8 2C
23 1L
8 1L
∗ 1 : w/ VSC
∗ 2 : w/o VSC
∗ 3 : w/ Dynamic Laser Cruise Control
∗ 4 : Automatic A/C
∗ 5 : Manual A/C
S 3(A)
Skid Control ECU with Actuator
CANH CANL
S 9
Steering Sensor
E 5
Engine Control Module
J 5(A), J 6(B) Junction Connector
J18(A), (B) Junction Connector
J19 Junction Connector
J17 Junction Connector
J49 Junction Connector
J 7(A), J 8(B) Junction Connector
J31(A), J32(B) Junction Connector
J20 Junction Connector
W–L
B–R
P
B
W
W(∗1)
B(∗1)
BATT
IG
ACC
CA1H
CA1L
GND
G 4
Gateway ECU
D 1
Data Link Connector 3
D 2
Distance Control ECU
Y 1
Yaw Rate Sensor

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 gateway ECU, data link connector 3, distance control ECU, engine control module, skid control ECU with actuator, steering sensor and yaw rates sensor. 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.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
D1	39	J8 B	40	J32 B	40
D2	39	J17	40	J49	40
E5	39	J18 A	40	S3 A	37
G4	39	J18 B	40	S9	41
J5 A	40	J19	40	Y1	45
J6 B	40	J20	40		
J7 A	40	J31 A	40		

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	31	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1L	31	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2C	24	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)

▽ : Ground Points

Code	See Page	Ground Points Location
IG	52	Right Kick Panel