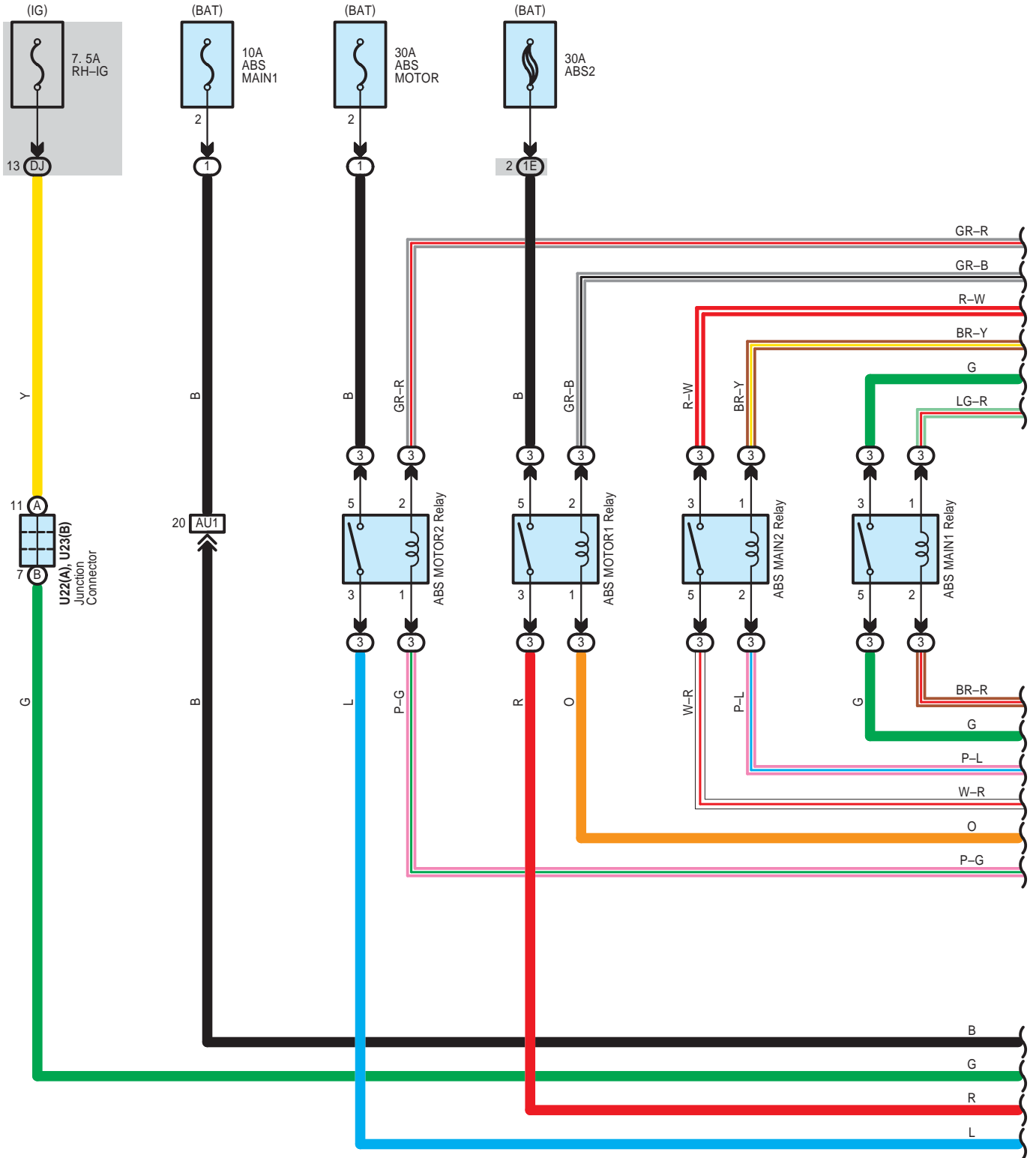
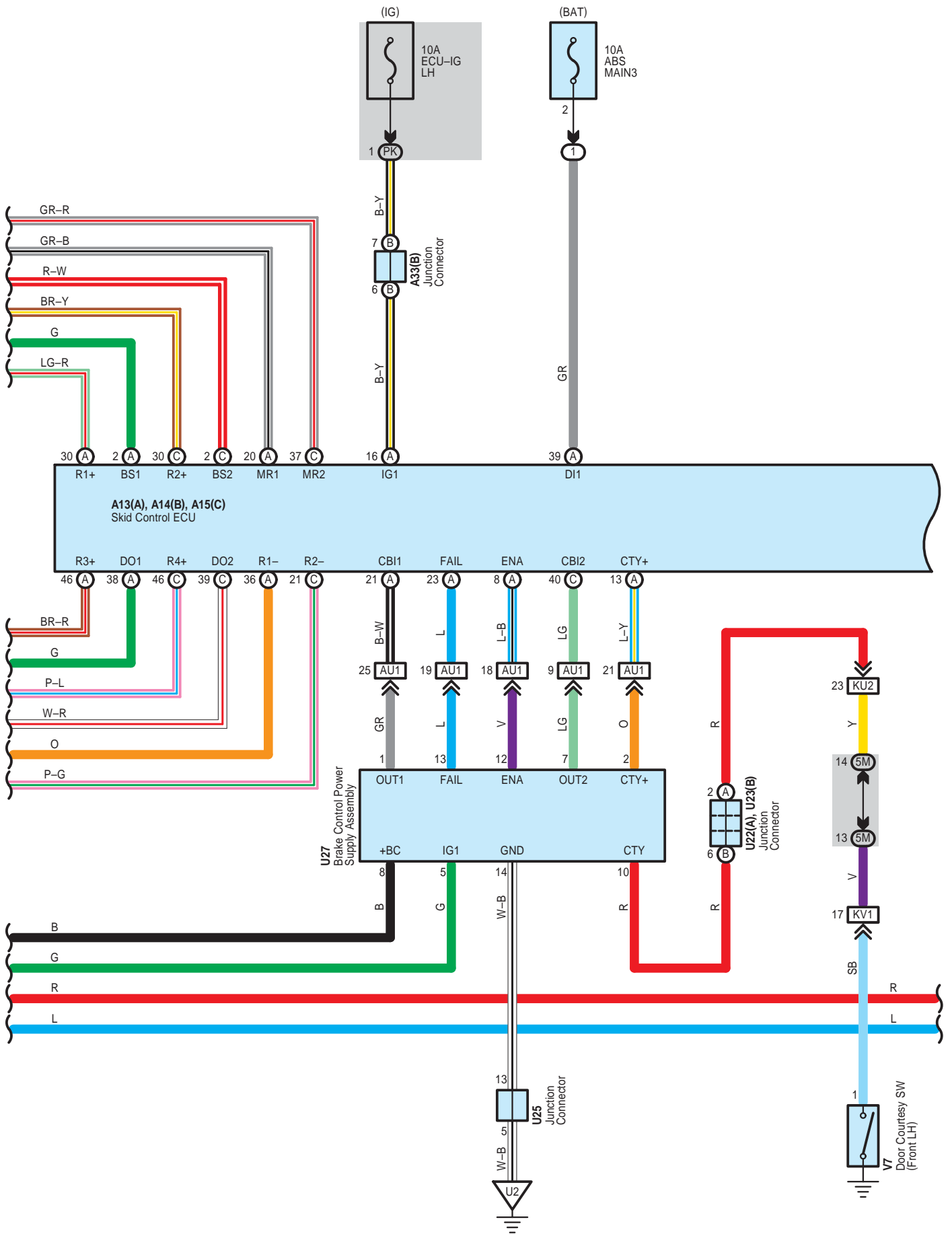
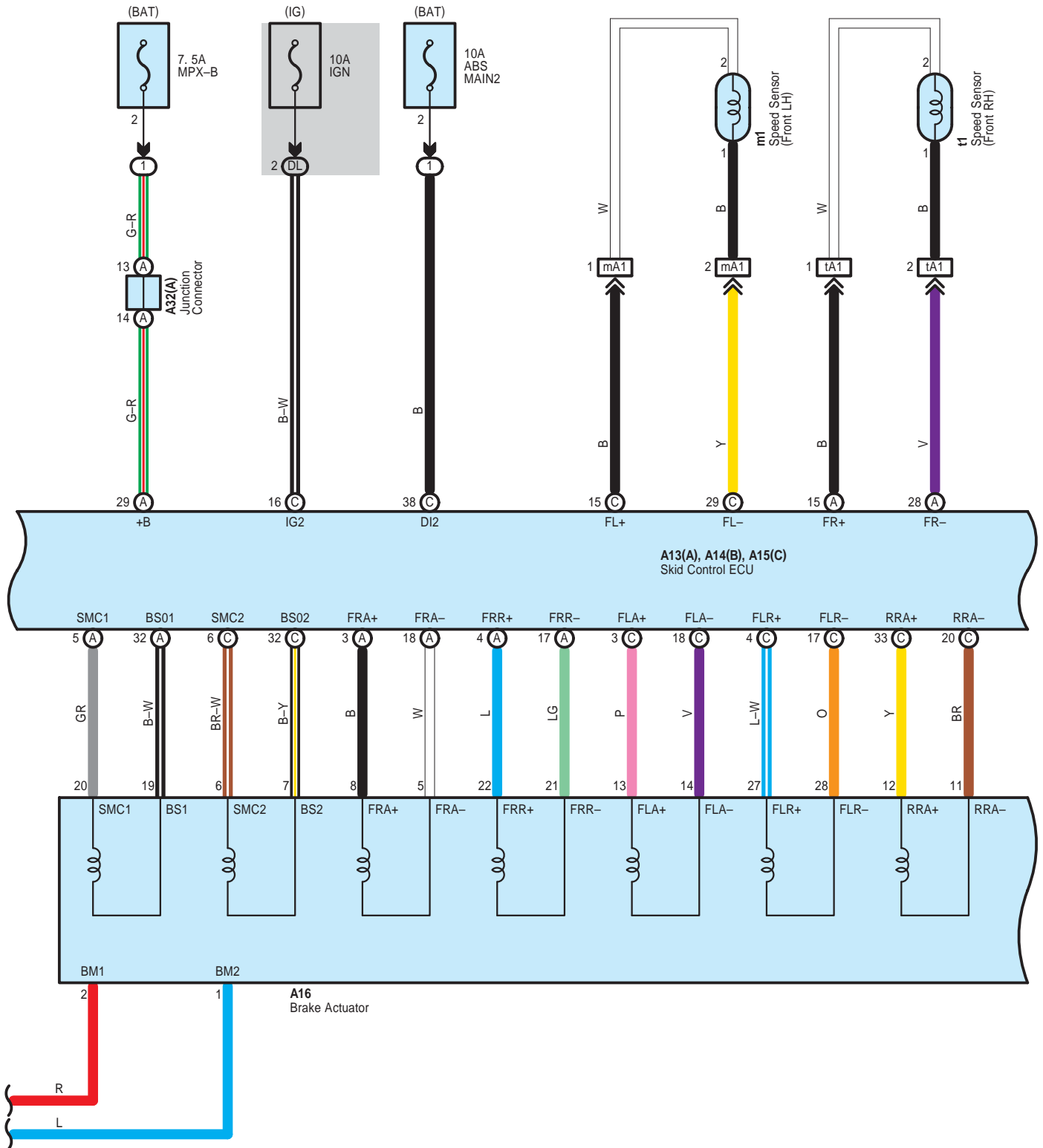


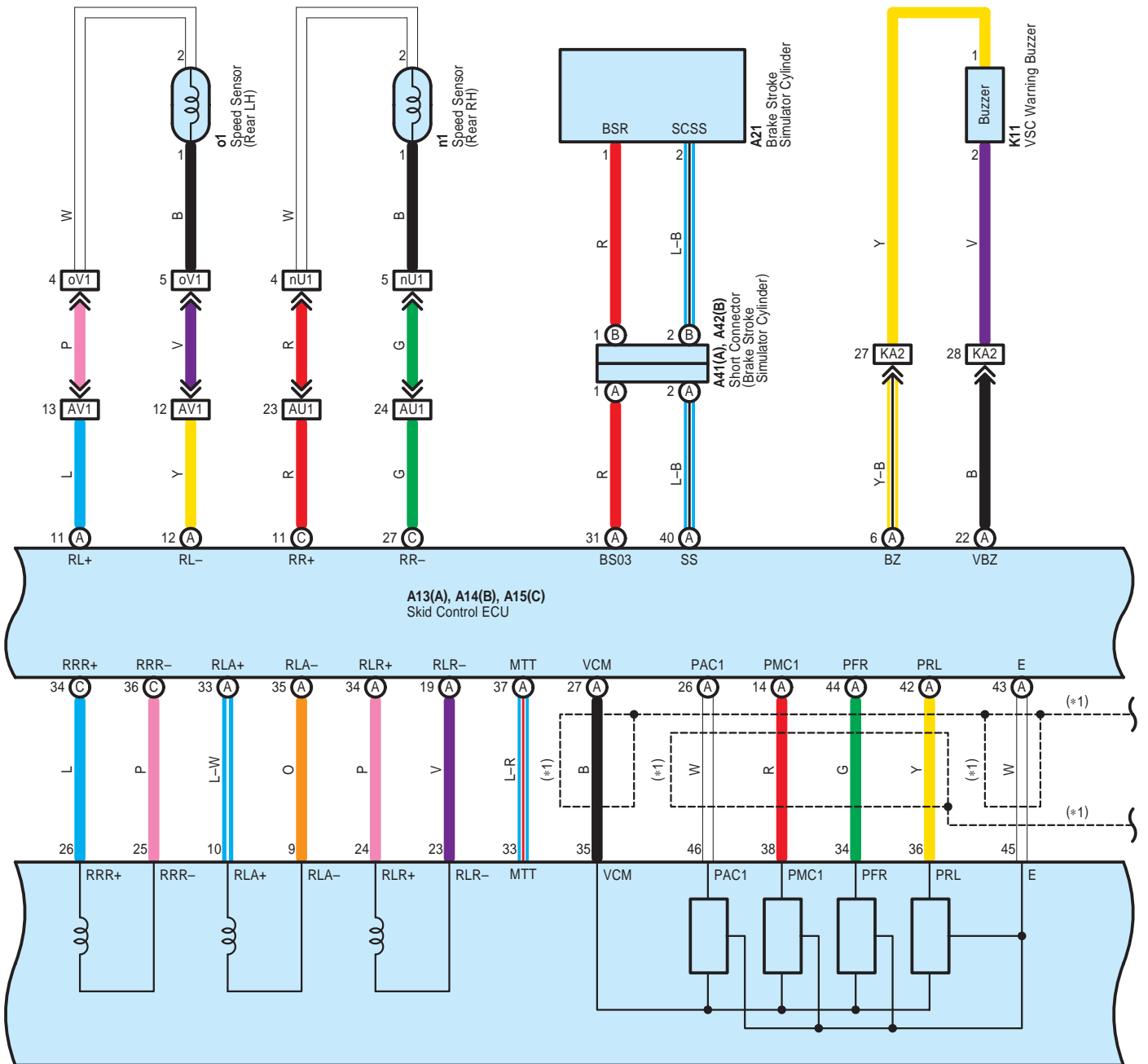
Vehicle Dynamics Integrated Management for Hybrid Vehicle





Vehicle Dynamics Integrated Management for Hybrid Vehicle

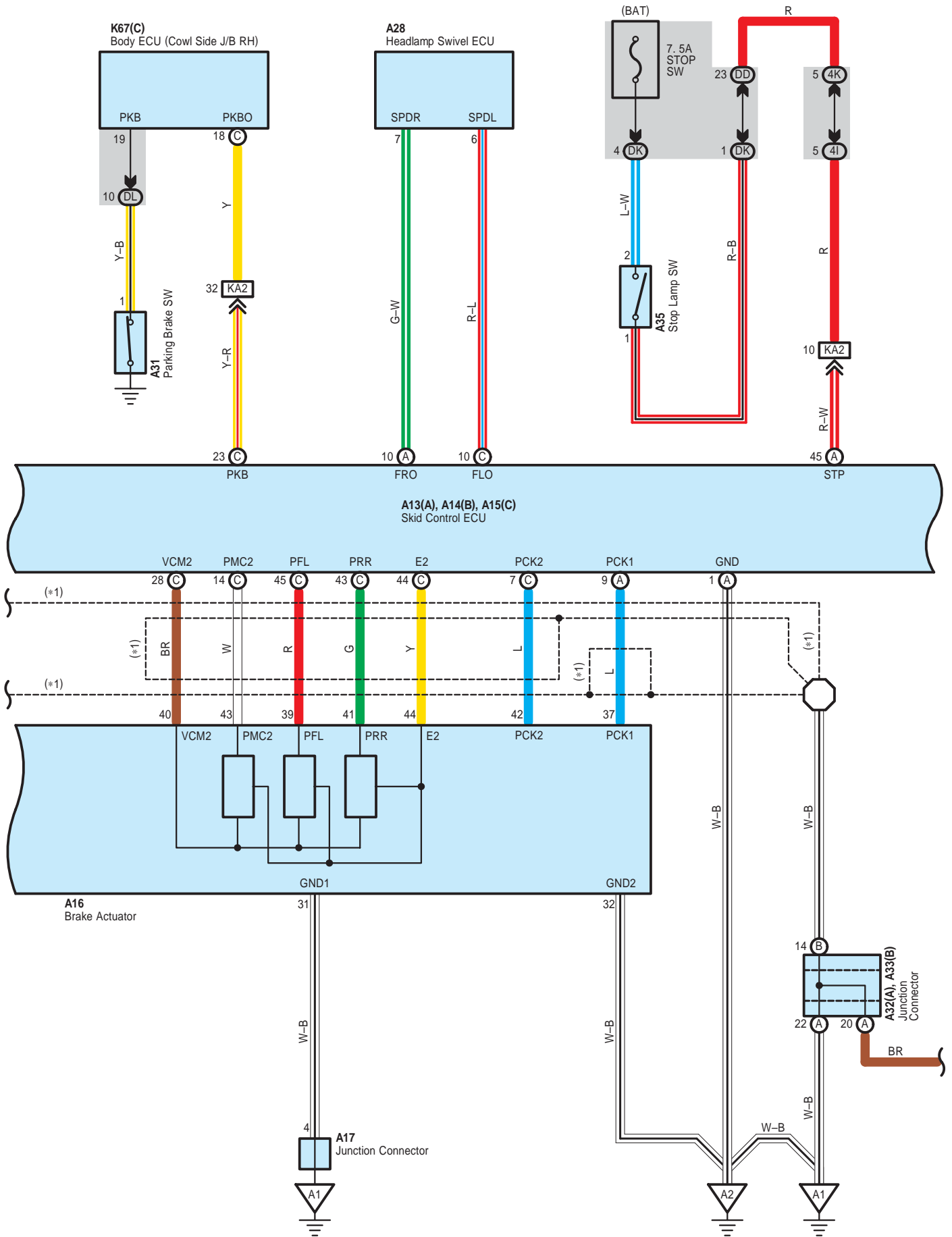




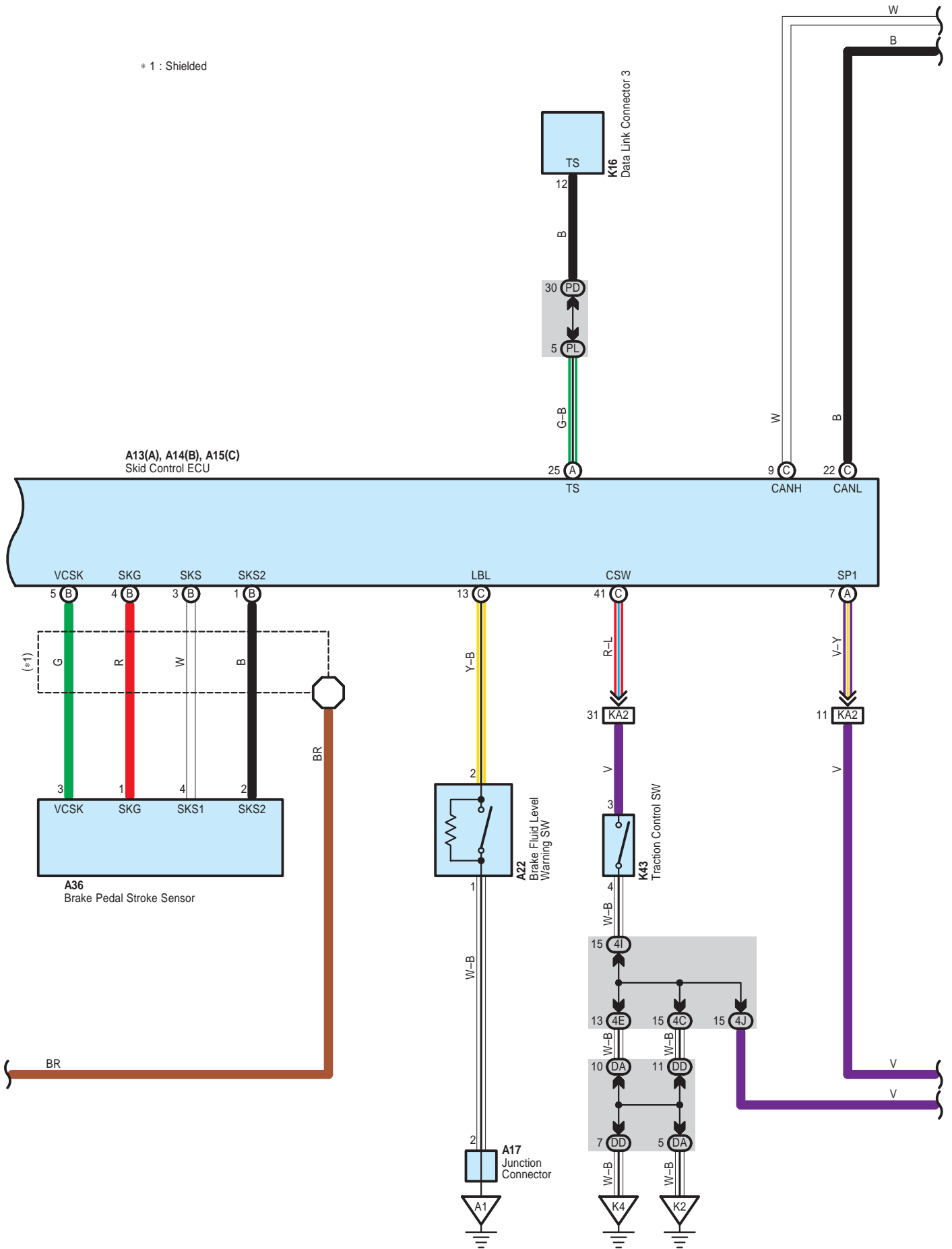
A16
Brake Actuator

* 1 : Shielded

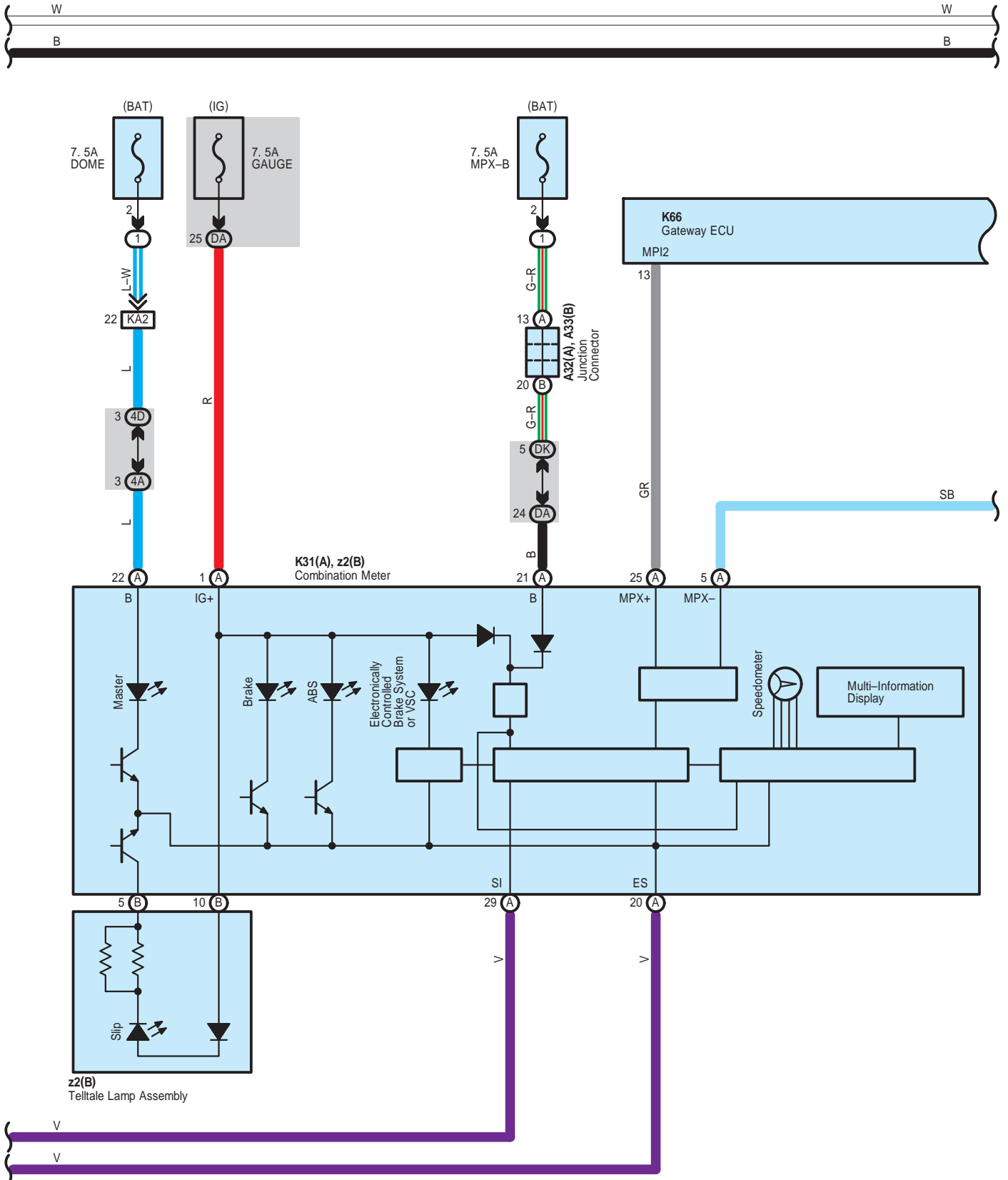
Vehicle Dynamics Integrated Management for Hybrid Vehicle

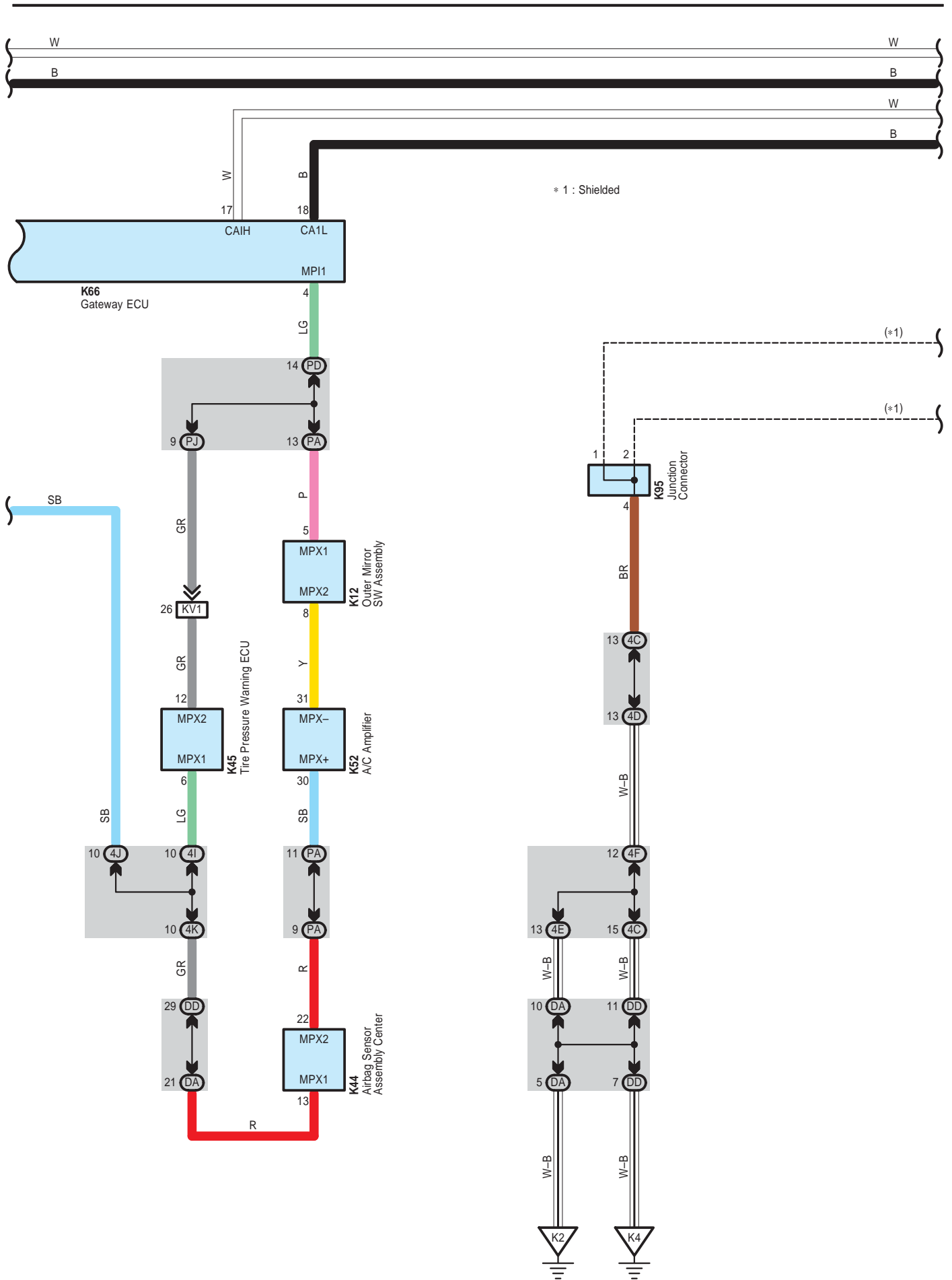


* 1 : Shielded



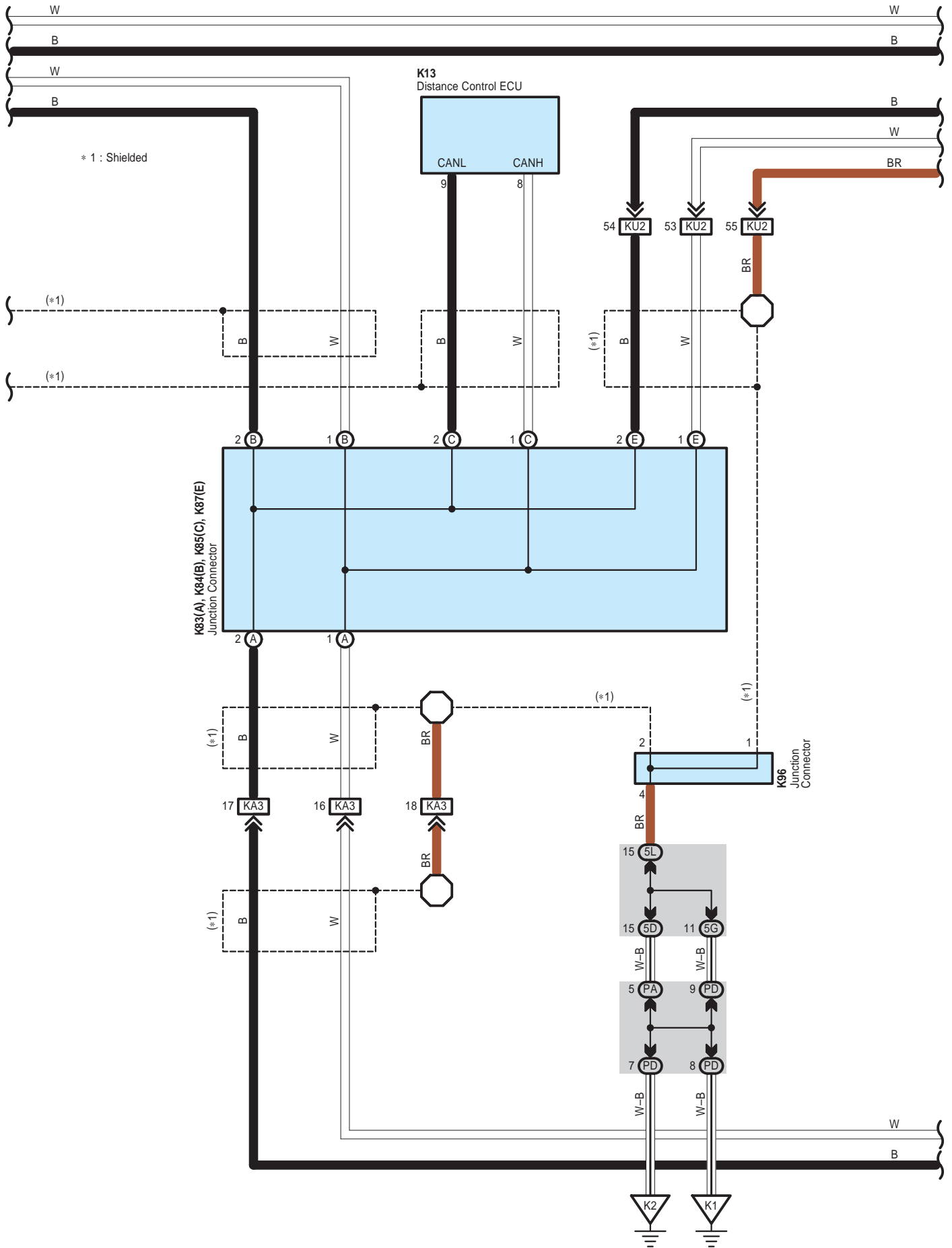
Vehicle Dynamics Integrated Management for Hybrid Vehicle

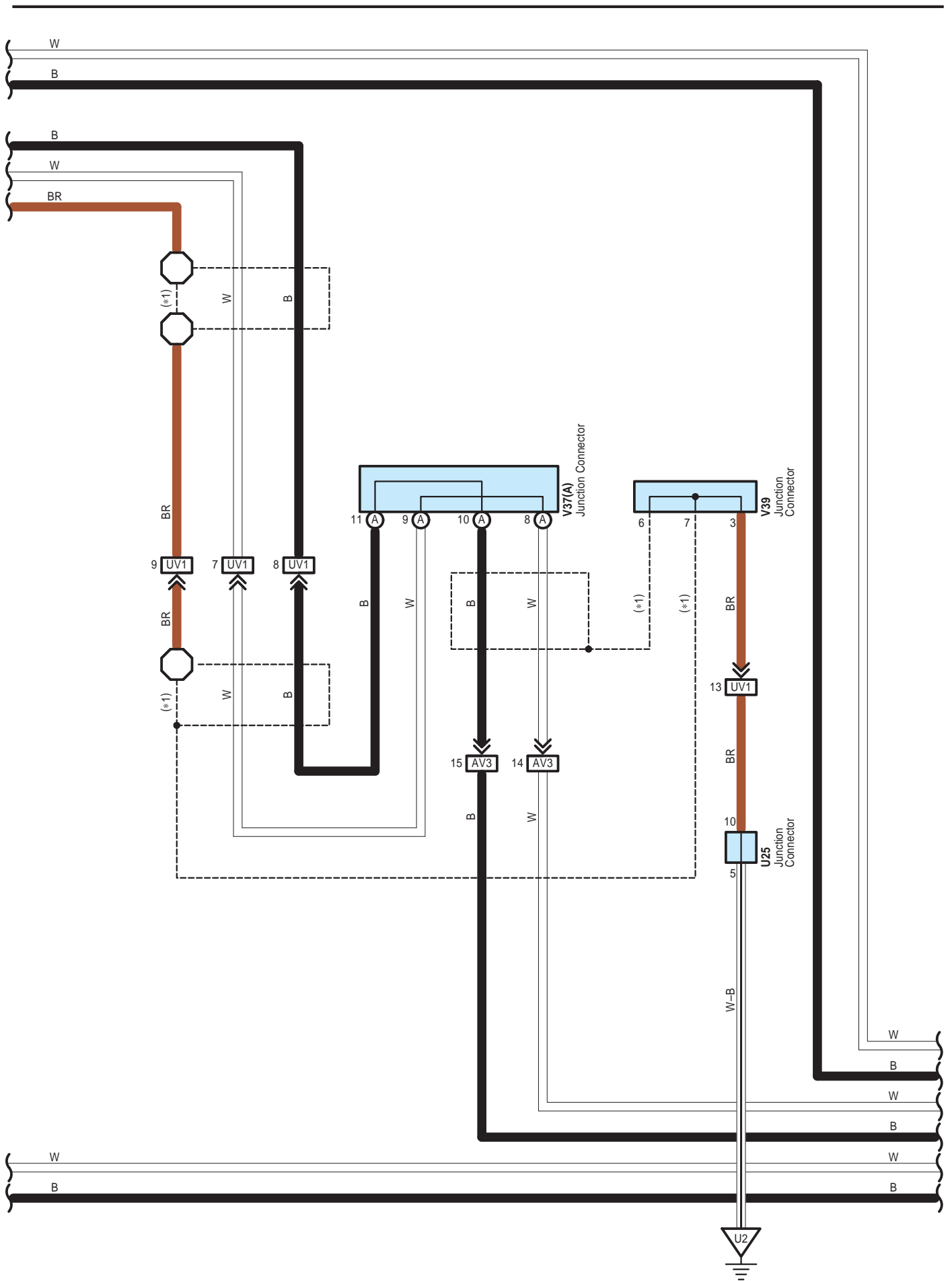




LEXUS GS 450h (EM02D0U)

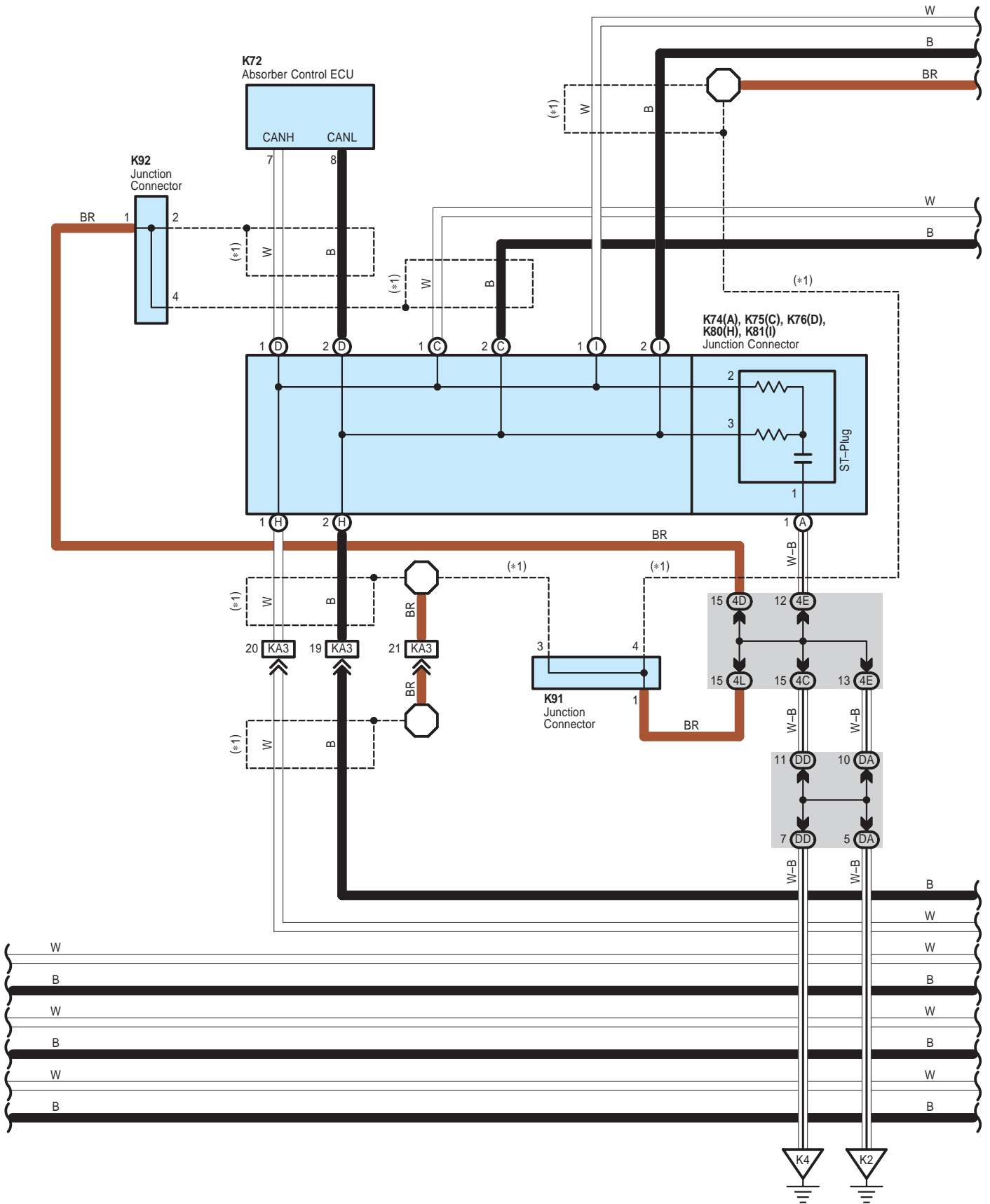
Vehicle Dynamics Integrated Management for Hybrid Vehicle

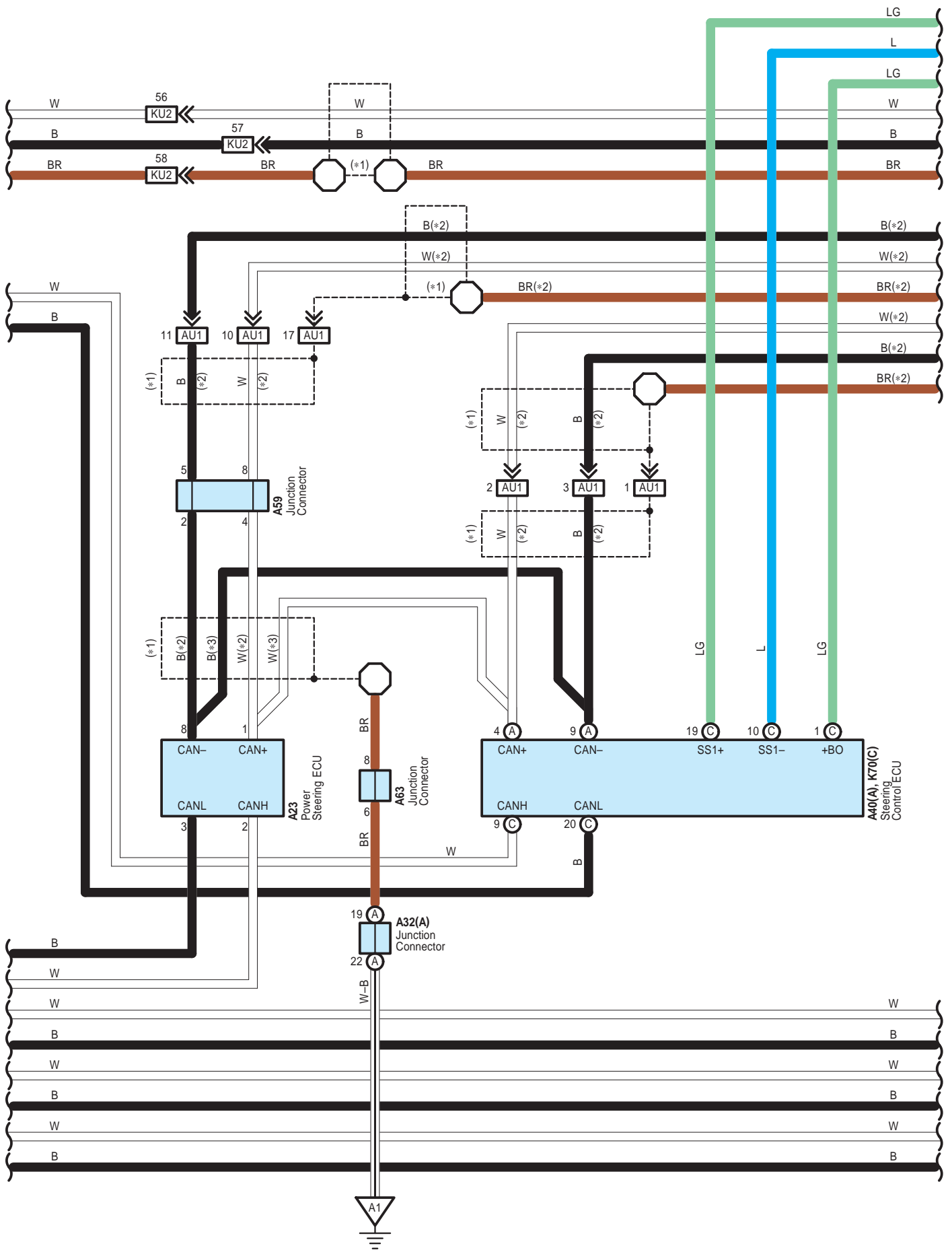




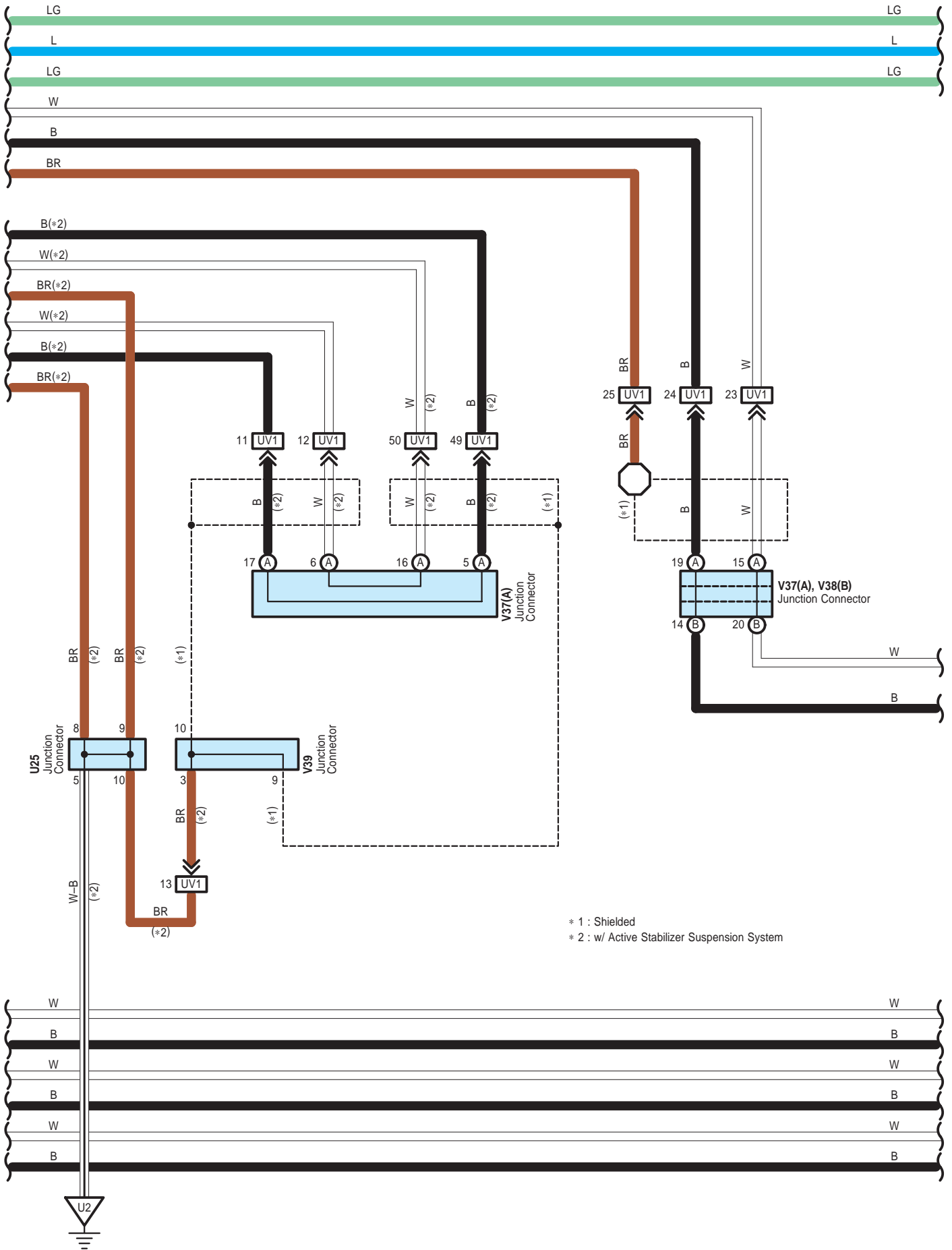
Vehicle Dynamics Integrated Management for Hybrid Vehicle

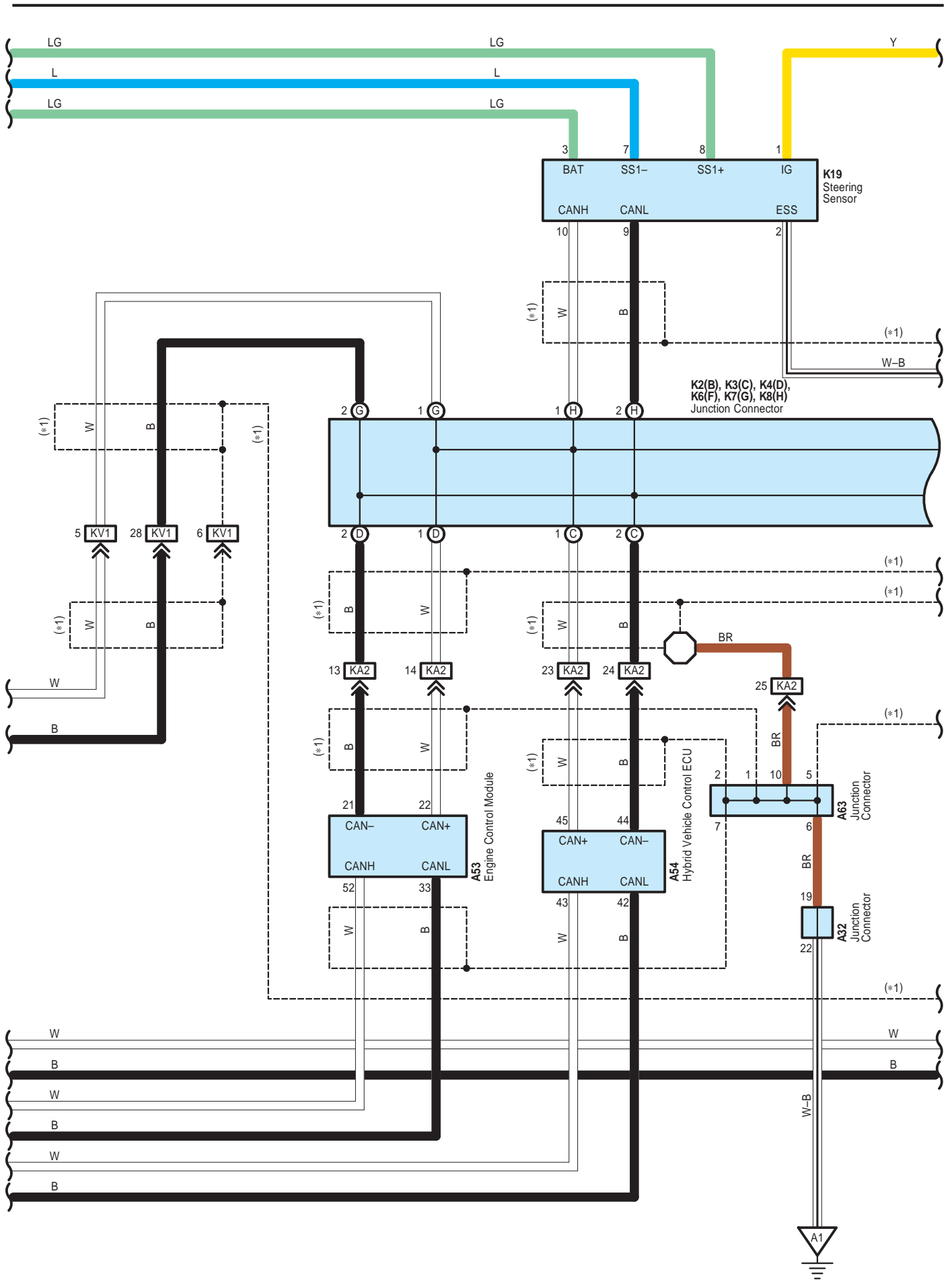
- * 1 : Shielded
- * 2 : w/ Active Stabilizer Suspension System
- * 3 : w/o Active Stabilizer Suspension System





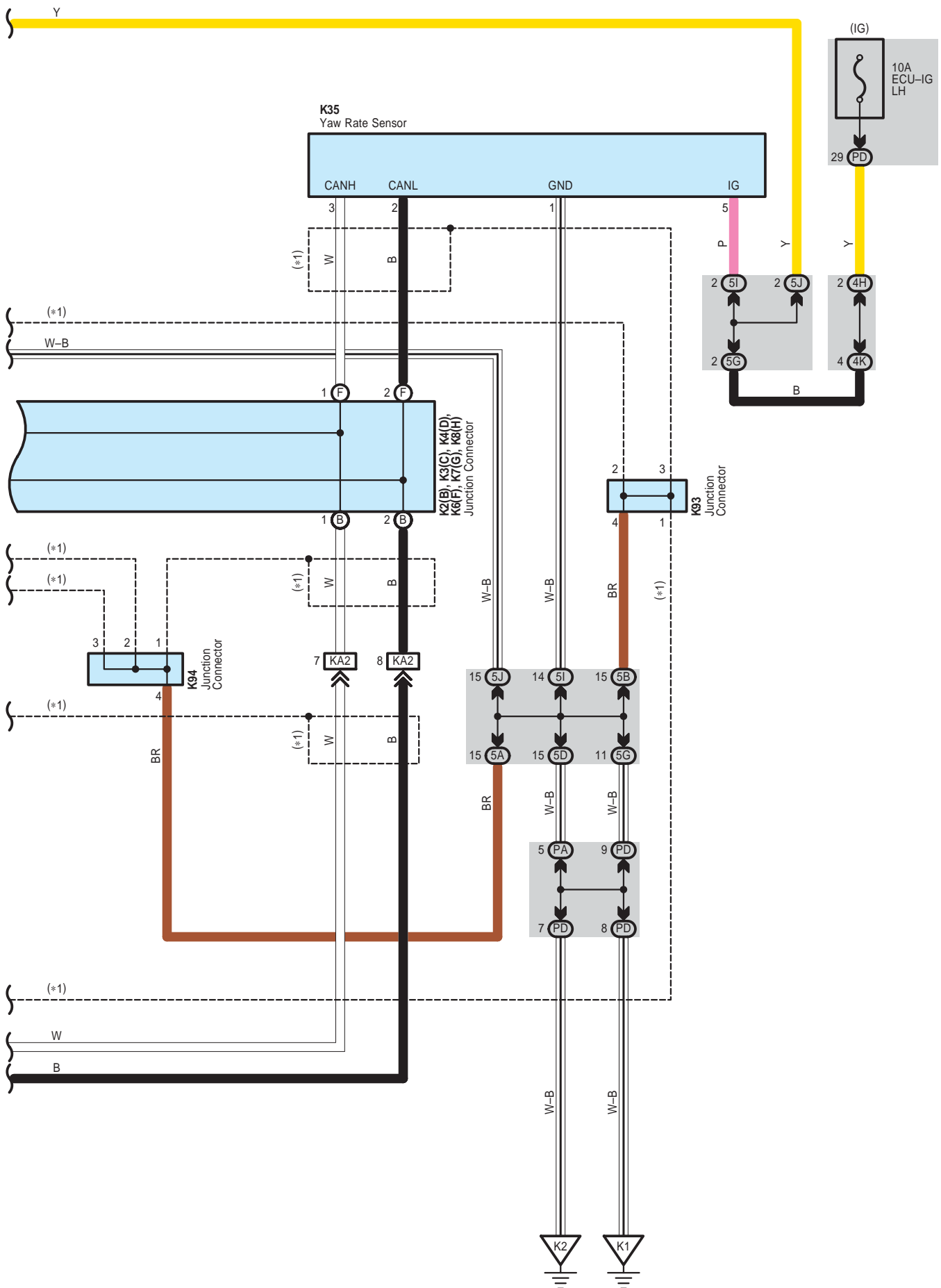
Vehicle Dynamics Integrated Management for Hybrid Vehicle





Vehicle Dynamics Integrated Management for Hybrid Vehicle

* 1 : Shielded



System Outline

Vehicle dynamics integrated management improves travel performance of the vehicle such as 'Driving, turning and stopping' with the steering control (Front wheel steering angle, steering torque), which is outcome of the system unification and collaboration among independent functions such as ABS, TRAC and VSC.

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page
A13	A	80	K6	F	74, 85	K84	B	78, 86
A14	B	80	K7	G	74, 85	K85	C	78, 86
A15	C	80	K8	H	74, 85	K87	E	78, 86
A16		80	K11		85	K91		86
A17		80	K12		85	K92		86
A21		80	K13		85	K93		86
A22		80	K16		85	K94		86
A23		80	K19		85	K95		86
A28		84	K31	A	85	K96		86
A31		84	K35		85	U22	A	90
A32	A	84	K43		86	U23	B	90
A33	B	84	K44		86	U25		90
A35		84	K45		86	U27		90
A36		84	K52		86	V7		91
A40	A	84	K66		86	V37	A	91
A41	A	80	K67	C	86	V38	B	91
A42	B	80	K70	C	86	V39		91
A53		80	K72		86	m1		83
A54		80	K74	A	76, 86	n1		93
A59		80	K75	C	76, 86	o1		93
A63		84	K76	D	76, 86	t1		83
K2	B	74, 85	K80	H	76, 86	z2	B	87
K3	C	74, 85	K81	I	76, 86			
K4	D	74, 85	K83	A	78, 86			

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24	Engine Room R/B No.1 (Engine Compartment Left)
3	42	Engine Room R/B No.3 (Engine Compartment Left)

Vehicle Dynamics Integrated Management for Hybrid Vehicle

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1E	27	Engine Room Main Wire and Engine Room J/B No.1 (Engine Compartment left)
4A	70	Instrument Panel Wire and Center J/B RH (Right Side of the Instrument Panel Reinforcement)
4C		
4D		
4E		
4F		
4H		
4I		
4J		
4K		
4L		
5A	66	Instrument Panel Wire and Center J/B LH (Right Side of the Instrument Panel Reinforcement)
5B		
5D		
5G		
5I		
5J		
5L		
5M		
DA	55	Instrument Panel Wire and Cowl Side J/B RH (Behind the Glove Box)
DD		
DJ	56	Floor Wire and Cowl Side J/B RH (Behind the Glove Box)
DK	56	Engine Room Main Wire and Cowl Side J/B RH (Behind the Glove Box)
DL		
PA	49	Instrument Panel Wire and Cowl Side J/B LH (Lower Finish Panel)
PD		
PJ	50	Floor No.2 Wire and Cowl Side J/B LH (Lower Finish Panel)
PK	50	Engine Room Main Wire and Cowl Side J/B LH (Lower Finish Panel)
PL		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
AU1	97	Engine Room Main Wire and Floor No.1 Wire (Cowl Side Panel RH)
AV1	97	Engine Room Main Wire and Floor No.2 Wire (Cowl Side Panel LH)
AV3		
KA2	97	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
KA3	97	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
KU2	97	Instrument Panel Wire and Floor No.1 Wire (Right Kick Panel)
KV1	97	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
UV1	98	Floor No.1 Wire and Floor No.2 Wire (Center of the Rear Floor Partition Panel)
mA1	96	Skid Control Sensor Wire Front LH and Engine Room Main Wire (Engine Compartment Left)
nU1	98	Skid Control Sensor Wire Rear LH and Floor No.1 Wire (Right Side of the Rear Floor Partition Panel)
oV1	98	Skid Control Sensor Wire Rear RH and Floor No.2 Wire (Left Side of the Rear Floor Partition Panel)
tA1	96	Skid Control Sensor Wire Front RH and Engine Room Main Wire (Engine Compartment Right)



: Ground Points

Code	See Page	Ground Points Location
A1	96	Left Side of the Dash Panel
A2	96	Front Left Fender Apron
K1	97	Left Kick Panel
K2	97	Left Side of the Shift Lever
K4	97	Right Kick Panel
U2	98	Right Side of the Rear Floor Partition Panel