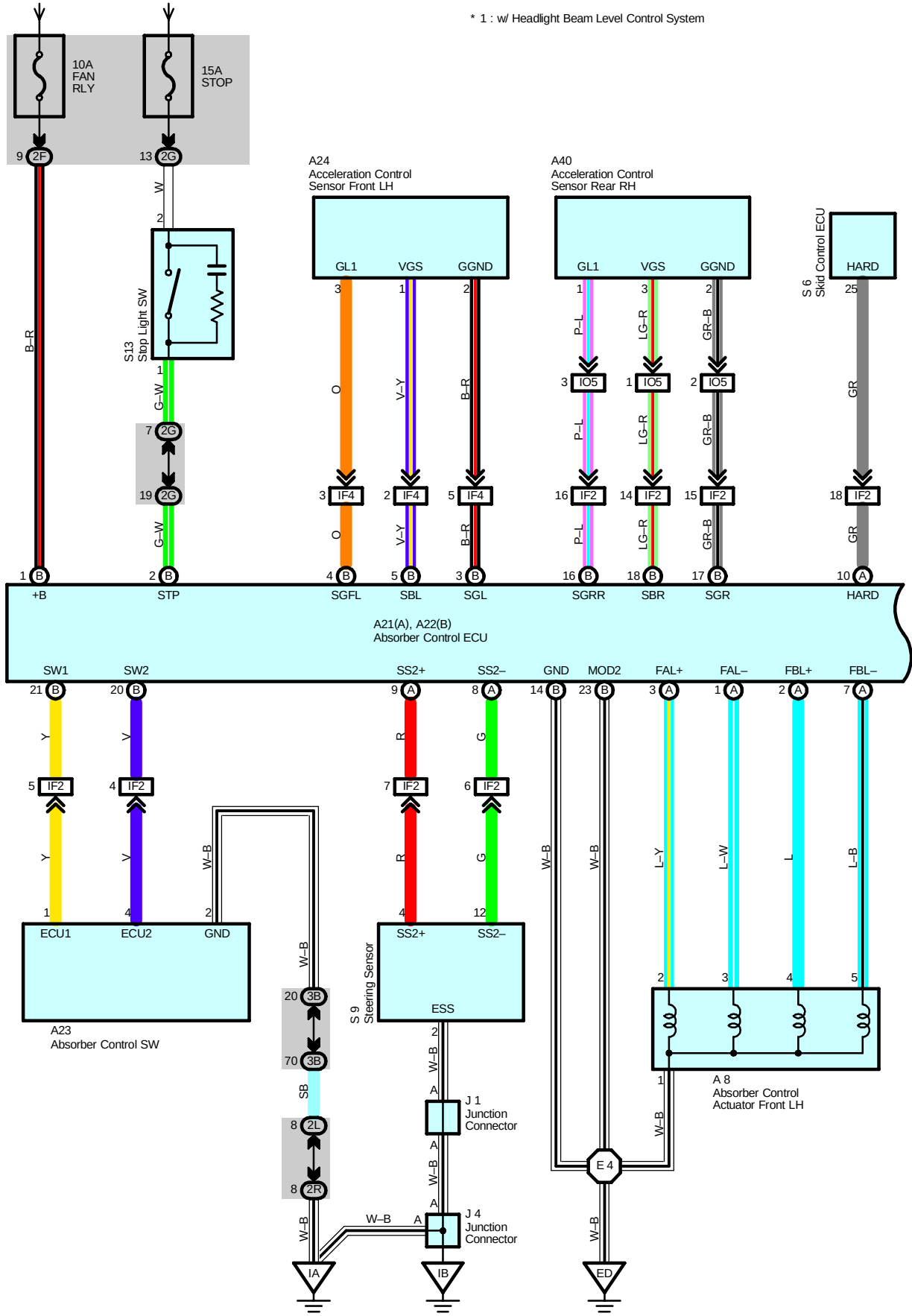


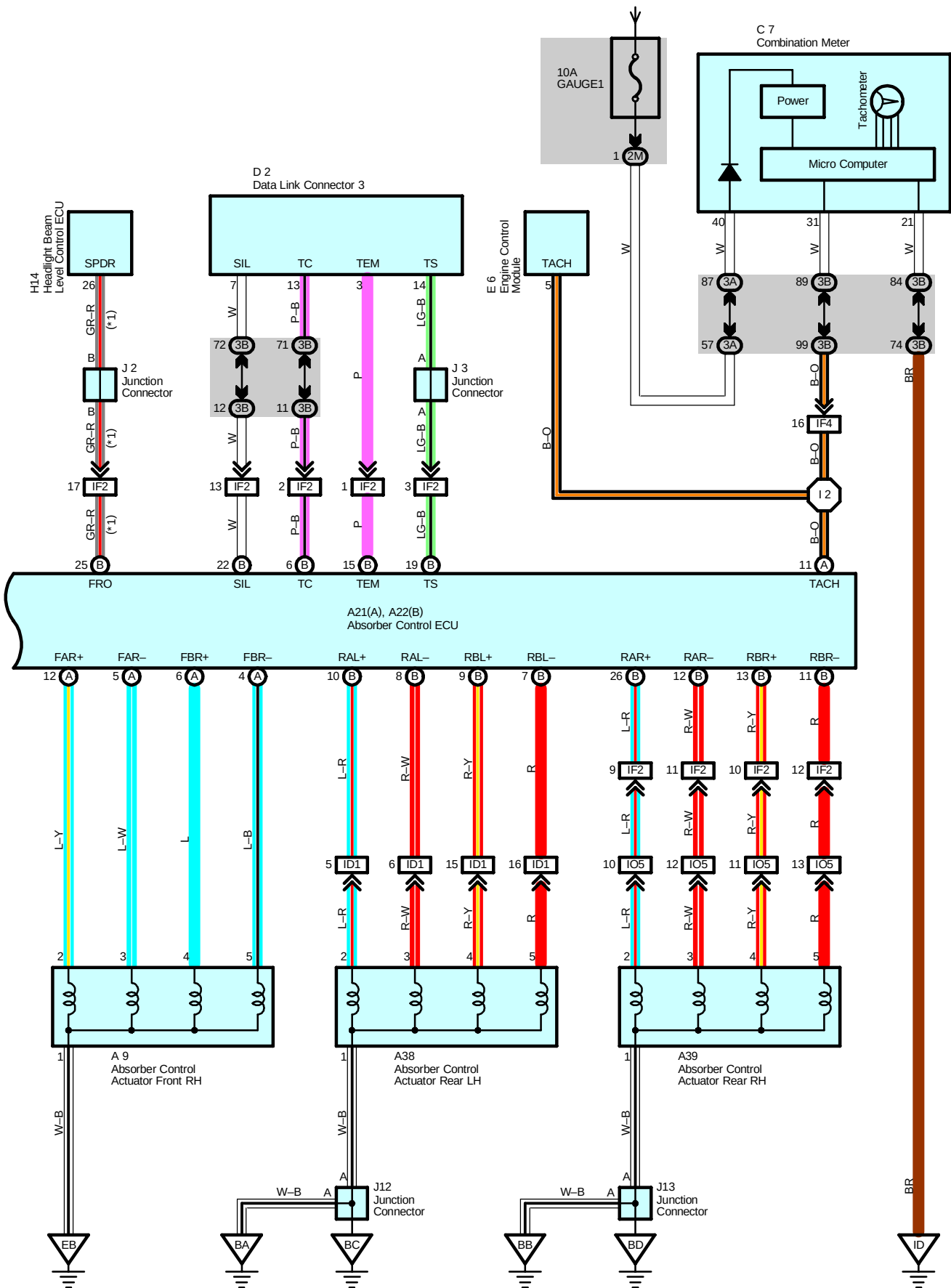
Electric Modulated Suspension

From Power Source System (See Page 56)

* 1 : w/ Headlight Beam Level Control System



From Power Source System (See Page 56)



Electric Modulated Suspension

System Outline

Electric modulated suspension system is the damping force control system using several signals which restrains the vehicle movement (Such as rolling, diving, and squat) by a driver's operation together with restraining and absorbing the vehicle movement change and vibration against the unevenness of the road.

(1) Steering sensor signal

To input the rotation angle of the steering wheel into the TERMINALS SS2+ and SS2- of the absorber control ECU.

(2) Speed sensor signal

To detect the vehicle speed at ABS speed sensor front RH, rear RH, and input to the TERMINAL FRO of the absorber control ECU from skid control ECU.

(3) Stop light SW signal

To detect the signal of the brake in operation and input it into the TERMINAL STP of the absorber control ECU.

(4) Engine rotation signal

To detect the engine speed and input it into the TERMINAL TACH of the absorber control ECU.

(5) Absorber control SW signal

To detect the switch condition and input it into the TERMINALS SW1 and SW2 of the absorber control ECU.

Service Hints

A22 (B) Absorber Control ECU

(B) 1-Ground : Approx. 12 volts with ignition SW at ON or ST position

(B) 2-Ground : Approx. 12 volts with brake pedal depressed

(B) 14, (B) 23-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A8	36	A40	40	J4	39
A9	36	C7	38	J12	40
A21	A 38	D2	38	J13	40
A22	B 38	E6	38	S6	39
A23	38	H14	39	S9	39
A24	38	J1	39	S13	39
A38	40	J2	39		
A39	40	J3	39		

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
2F	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2G		
2L	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2M		
2R		
3A	34 (w/ VSC)	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH)
3B		

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	46	Engine Room Main Wire and Floor No.1 Wire (Left Side of Driver Side J/B)
IF2	46	Engine Room Main Wire and Instrument Panel Wire (Right Side of Steering Column Tube)
IF4		
IO5	48	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)

**: Ground Points**

Code	See Page	Ground Points Location
EB	44	Right Fender
ED	44	Left Fender
IA	46	Instrument Panel Reinforcement LH
IB	46	Instrument Panel Brace LH
ID	46	Instrument Panel Brace RH
BA	50	Under the Driver's Seat
BB	50	Under the Front Passenger's Seat
BC	50	Front Side of Rear Quarter Wheel House LH
BD	50	Front Side of Rear Quarter Wheel House RH

**: Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E4	44	Engine Room Main Wire	I2	48	Engine Room Main Wire