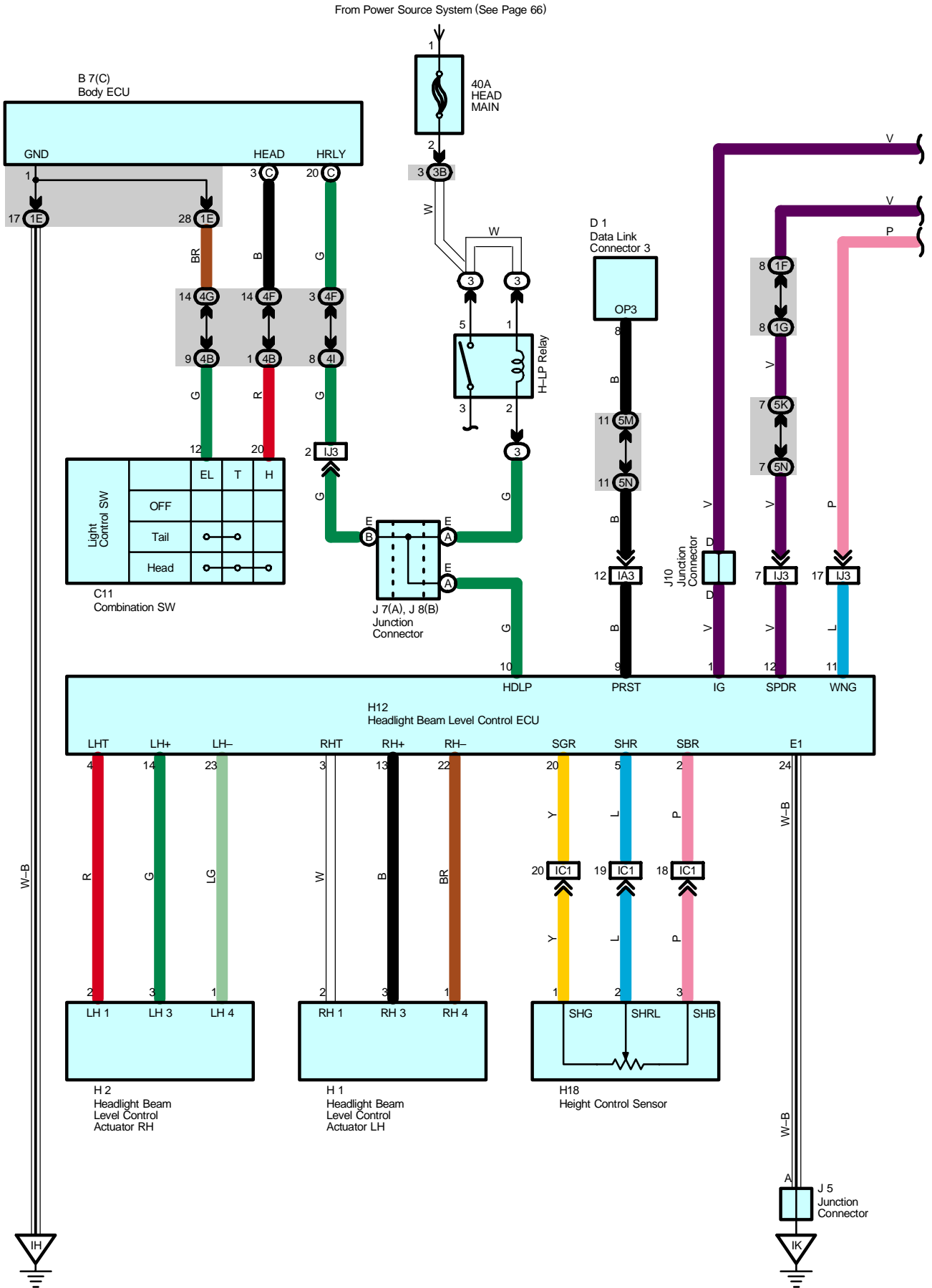
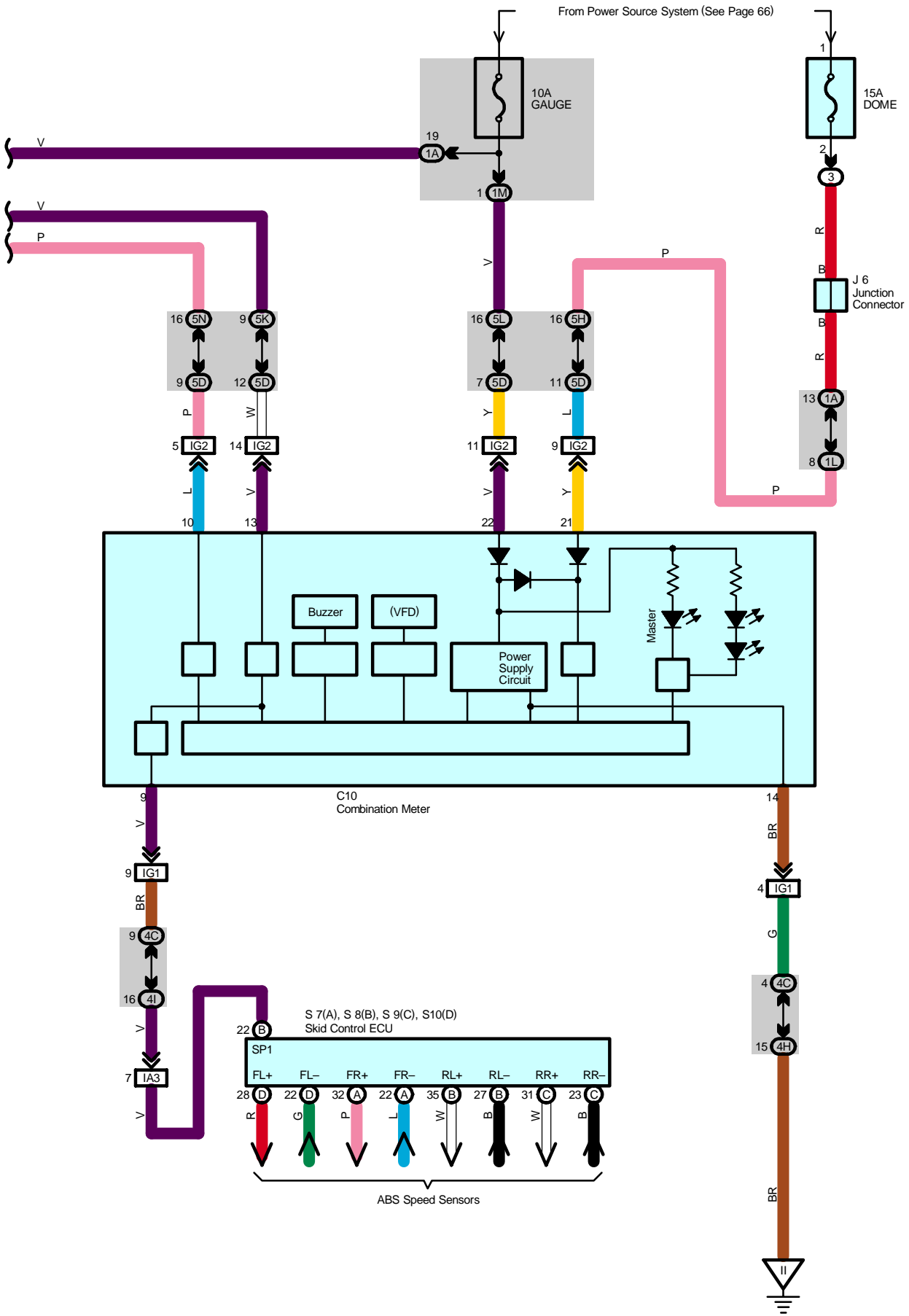


# Headlight Beam Level Control





# Headlight Beam Level Control

## System Outline

This system adjusts the illuminating angle from changes in the vehicle height and axle distance, based on the information of the vehicle height detected by the height sensors installed at the rear of the vehicle and on information of the vehicle speed and acceleration output from the VSC system which operates the reflector with the obtained illuminating angle through actuators in order to always keep the beam axis constant.

If an error occurs in this system, the headlight beam level control warning light in the combination meter lights up and warning buzzer goes on to warn the driver.

## Service Hints

### H12 Headlight Beam Level Control ECU

1-Ground : Approx. 12 volts with the power SW at IG ON position

24-Ground : Always continuity

10-Ground : Always Approx. 12 volts

### C11 Combination SW

20-12 : Continuity with the light control SW at HEAD position

## ○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B7	C	46		H12	47
					J10
C10		47		H18	51
C11		47		J5	48
D1		47		J6	48
H1		44		J7	A
					48
H2		44		J8	B
					48
					S7
					A
					49
					S8
					B
					49
					S9
					C
					49
					S10
					D
					49

## ○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	22	Engine Room R/B (Engine Compartment Left)

## ○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E		
1F		
1G	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		
1M		
3B	22	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
4B		
4C		
4F	36	Instrument Panel Wire and Center Connector No.1 (Behind the Combination Meter)
4G		
4H		
4I		
5D		
5H		
5K	40	Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH)
5L		
5M		
5N		

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 : **Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA3	<a href="#">56</a>	Engine Room Main Wire and Instrument Panel Wire (Upper Parts of Front Body Pillar LH)
IC1	<a href="#">56</a>	Engine Room Main Wire and Floor Wire (Cowl Side Panel LH)
IG1	<a href="#">58</a>	Instrument Panel Wire and Instrument Panel No.2 Wire (Behind the Combination Meter)
IG2		
IJ3	<a href="#">58</a>	Engine Room Main Wire and Instrument Panel Wire (Behind the Glove Box)

 : **Ground Points**

Code	See Page	Ground Points Location
IH	<a href="#">56</a>	Cowl Side Panel LH
II	<a href="#">56</a>	Instrument Panel Brace LH
IK	<a href="#">56</a>	Cowl Side Panel RH