HEADLIGHT BEAM LEVEL CONTROL (AUTOMATIC)

SYSTEM OUTLINE

This system calculates changes in the illuminating angle from changes in the vehicle height and axle distance based on the information on the vehicle height detected by the height sensors installed at the front and rear of the vehicle and information on the vehicle speed and acceleration output from the VSC system to reversely operate the reflector by the obtained illuminating angle through motor 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 to warn the driver.

SERVICE HINTS

H3 (A), H4 (B) HEADLIGHT BEAM LEVEL CONTROL ECU

(A) 1, (B) 8-GROUND : Approx. 12 volts with ignition SW at ON or ST position

(A) 4-GROUND: Always continuity

(B) 4-GROUND : Approx. 12 volts with light control SW at HEAD position

C13 (A), (B) LIGHT CONTROL SW [COMB. SW]

(A) 14–(A) 16: Closed with light control SW at **HEAD** position (Except Australia)

(B) 14–(B) 9 : Closed with light control SW at **HEAD** position (Australia)

: PARTS LOCATION

Co	ode	See Page	Code		See Page	Code	See Page
Λ.	24	72 (LHD)	H3	Α	82 (RHD)	J8	74 (LHD)
	4	86 (RHD)	H4	В	68 (LHD)	J10	74 (LHD)
B6	Α	72 (LHD)		Ь В	82 (RHD)	J15	74 (LHD)
1 50	^	86 (RHD)	H5		68 (LHD)	J18	74 (LHD)
	11	72 (LHD)			82 (RHD)	J31	88 (RHD)
~	11	86 (RHD)	H17		68 (LHD)	J32	88 (RHD)
	A	72 (LHD)] ''	1 /	82 (RHD)	J37	88 (RHD)
C13		86 (RHD)	H24		76 (LHD)	J40	88 (RHD)
	В	86 (RHD)			90 (RHD)	J41	88 (RHD)
H3	Α	68 (LHD)	J	7	74 (LHD)	J42	88 (RHD)

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)		
1	54 (LHD)	Engine Room No.1 R/B (Engine Compartment Right)		
'	54 (RHD)	Engine Room No.1 R/B (Engine Compartment Left)		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	58 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
	58 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
1F	58 (LHD)	Cowl Wire and Driver Side J/B (Left Kick Panel)
"	58 (RHD)	Cowl Wire and Driver Side J/B (Right Kick Panel)
1G	59 (LHD)	Cowl Wire and Driver Side J/B (Left Kick Panel)
10	59 (RHD)	Cowl Wire and Driver Side J/B (Right Kick Panel)
1H	59 (LHD)	Cowl Wire and Driver Side J/B (Left Kick Panel)
1111	59 (RHD)	Cowl Wire and Driver Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)	
IA2	108 (RHD)	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)	
IC3	98 (LHD)	Floor No.2 Wire and Cowl Wire (Left Kick Panel)	
1 103	108 (RHD)	TIOUT NO.2 VIIIE AND COWN VIIIE (LER NICKT AND)	
IE2	98 (LHD)	Instrument Panel Wire and Cowl Wire (Left Side of the Steering Column)	
II2 100 (LHD) Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B) IJ2 110 (RHD) Instrument Panel Wire and Cowl Wire (Right Side of the Steering Column)		Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)	
		Instrument Panel Wire and Cowl Wire (Right Side of the Steering Column)	
IK3	110 (RHD)	Engine Room Main Wire and Cowl Wire (Near the Driver Side J/B)	

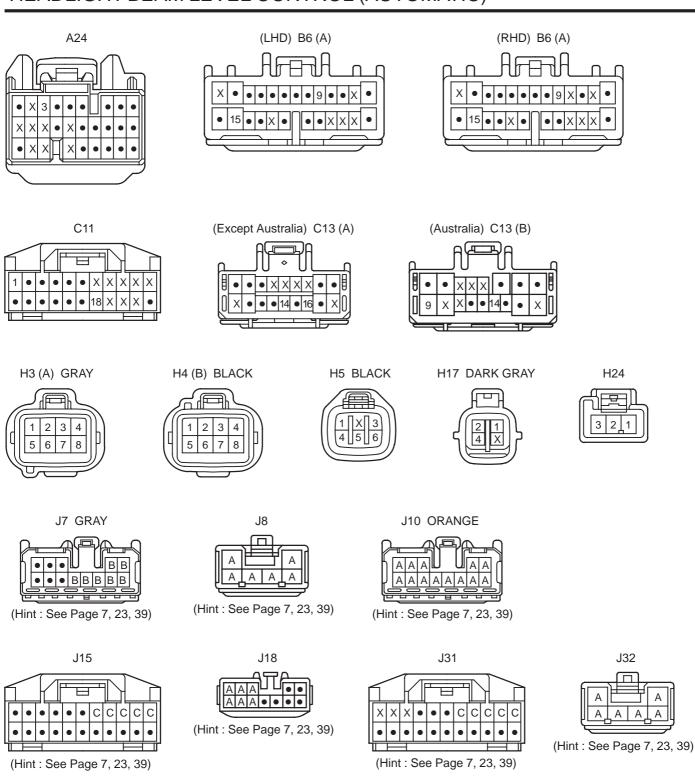
: GROUND POINTS

Code	See Page	Ground Points Location	
EB	96 (LHD)	Left Fender	
	106 (RHD)		
IF	98 (LHD)	Left Kick Panel	
"	108 (RHD)	Leit Nick Failer	
	98 (LHD)	Right Side of the Cowl Panel	
	108 (RHD)	Cowl Side Panel RH	

: SPLICE POINTS

	Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I	l1	100 (LHD)	Cowl Wire	18	110 (RHD)	Cowl Wire

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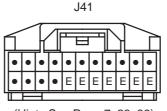


J37

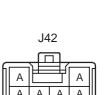
(Hint: See Page 7, 23, 39)

J40 GRAY

(Hint: See Page 7, 23, 39)



(Hint : See Page 7, 23, 39)



(Hint: See Page 7, 23, 39)