

System Outline

The back and clearance sonar uses an ultrasonic sensor equipped with an indicator and beeping alarm to detect obstacles at the corners in front of the vehicle and obstacles at the rear of the vehicle, and provides information to the driver regarding the distance between the sensors and the obstacles and the position of the obstacles.

Service Hints

H10 Hazard Warning Signal SW Assembly

1—Ground : Approx. 12 volts with the engine start/stop SW at IG ON position

6—Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B1	40 (*1)	J16	45 (LHD)	U1	51 (*3)
	42 (*2)		45 (LHD)		53 (*4)
	50 (*3)	J17	55 (RHD)	U2	41 (*1)
	52 (*4)		45 (LHD)		43 (*2)
C11	44 (LHD)	J18	55 (RHD)		51 (*3)
	54 (RHD)		55 (RHD)		53 (*4)
C12	44 (LHD)	S5	41 (*1)	U3	49 (LHD)
	54 (RHD)		43 (*2)		59 (RHD)
C14	44 (LHD)		51 (*3)	U4	49 (LHD)
	54 (RHD)		53 (*4)		59 (RHD)
H10	45 (LHD)		41 (*1)	U5	49 (LHD)
	55 (RHD)		43 (*2)		59 (RHD)
J11	45 (LHD)		51 (*3)	U6	49 (LHD)
	55 (RHD)		53 (*4)		59 (RHD)
J12	45 (LHD)	U1	41 (*1)		
	55 (RHD)		43 (*2)		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
5	28	Fuse Block (Lower Finish Panel)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
CA	36 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	36 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CD	36 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	36 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CF	36 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	36 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CG	37 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	37 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CH	37 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	37 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CJ	37 (LHD)	Instrument Panel Wire and Center J/B (Behind the Combination Meter)
	37 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
DA	32	Instrument Panel Wire and Instrument Panel J/B (Left Side of the Instrument Panel)
DB		
DJ		

* 1 : LHD 1ZZ-FE, 3ZZ-FE * 2 : LHD 1CD-FTV * 3 : RHD 1ZZ-FE, 3ZZ-FE * 4 : RHD 1CD-FTV * 5 : 1ZZ-FE, 3ZZ-FE * 6 : 1CD-FTV

TOYOTA Parking Assist (Clearance Sonar)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	60 (*1)	Engine Room Main Wire and Engine Room Main No.4 Wire (Near the Radiator Fan)
	62 (*2)	
	70 (*3)	
	72 (*4)	
IA1	64 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Behind the Combination Meter)
	74 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
IA8	64 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Behind the Combination Meter)
	74 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
IJ1	66 (LHD)	Engine Wire and Instrument Panel Wire (Behind the Glove Box)
	76 (RHD)	
IL2	66 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
	76 (RHD)	
BE1	68 (LHD)	Floor No.3 Wire and Floor No.2 Wire (Right Quarter Panel)
	78 (RHD)	

: Ground Points

Code	See Page	Ground Points Location
II	64 (LHD)	Left Kick Panel
	74 (RHD)	
IM	64 (LHD)	Right Kick Panel
	74 (RHD)	

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