

# LEXUS PARK ASSIST (CLEARANCE SONAR) [LHD]

## SYSTEM OUTLINE

Using the ultrasonic sensor, the system can detect the obstacles in the front or rear of the vehicle, or near the vehicle's corner. And the system informs the driver of the distance between the sensor and the obstacle and the position of the vehicle by warning buzzer and the display by the multiplex communication.

## SERVICE HINTS

### C17 CLEARANCE SONAR ECU

5-GROUND : Approx. 12 volts with ignition SW at ON or ST position

7-GROUND : Always continuity

## ○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A14	116 (LHD)	J11	117 (LHD)	U1	115 (LHD)
A27	116 (LHD)	J13	117 (LHD)	U2	115 (LHD)
C6	116 (LHD)	J17	A 117 (LHD)	U3	115 (LHD)
C9	116 (LHD)	J18	B 117 (LHD)	U4	115 (LHD)
C12	116 (LHD)	J24	121 (LHD)	U5	115 (LHD)
C16	120 (LHD)	L13	121 (LHD)	U6	115 (LHD)
C17	120 (LHD)	M2	118 (LHD)	U8	123 (LHD)
E3	A 112 (LHD)	N1	115 (LHD)	U9	123 (LHD)
E7	E 112 (LHD)	O5	118 (LHD)	U10	123 (LHD)
G1	117 (LHD)	P3	A 118 (LHD)	U11	123 (LHD)
J1	A 114 (LHD)	R5	119 (LHD)		
J2	B 114 (LHD)	S13	119 (LHD)		

## ○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	81	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)
DE	87 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
DF		
DH		
LA	110	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
LB		
LE		
PC	93 (LHD)	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
PE	94 (LHD)	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
PF		
PH		

## □ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	140 (LHD)	Engine Room No.2 Wire and Engine Room Main Wire (Under the Headlight LH)
EB1	140 (LHD)	Engine Wire and Engine Room Main Wire (Inside of ECU Box)
IC3	142 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
ID1	142 (LHD)	Engine Room Main Wire and Floor No.2 Wire (Cowl Side Panel LH)
IH2	144 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel RH)
BD1	146 (LHD)	Floor No.3 Wire and Floor No.2 Wire (Lower Back Panel LH)



**: GROUND POINTS**

Code	See Page	Ground Points Location
IK	142 (LHD)	Cowl Side Panel RH
BM	146 (LHD)	Quarter Panel LH



**: SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	140 (LHD)	Engine Room No.2 Wire	B4	146 (LHD)	Floor No.3 Wire