

# LEXUS PARK ASSIST (CLEARANCE SONAR) [RHD]

## 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	130 (RHD)	J2	B	128 (RHD)	U1	129 (RHD)
A27	130 (RHD)	J11		131 (RHD)	U2	129 (RHD)
C6	130 (RHD)	J13		131 (RHD)	U3	129 (RHD)
C9	130 (RHD)	J24		135 (RHD)	U4	129 (RHD)
C12	130 (RHD)	L13		135 (RHD)	U5	129 (RHD)
C16	134 (RHD)	M2		132 (RHD)	U6	129 (RHD)
C17	134 (RHD)	N1		129 (RHD)	U8	137 (RHD)
E3	A	O5		132 (RHD)	U9	137 (RHD)
E7	E	P3	A	132 (RHD)	U10	137 (RHD)
G1	131 (RHD)	R5		133 (RHD)	U11	137 (RHD)
J1	A	S13		133 (RHD)		

## ○ : 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	100 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
DF		
DH		
LA	110	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
LB		
LE		
PC	106 (RHD)	Engine Room Main Wire and Passenger Side J/B (Left Kick Panel)
PE	105 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)
PF		
PH		

## □ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	152 (RHD)	Engine Room No.2 Wire and Engine Room Main Wire (Under the Headlight LH)
EB1	152 (RHD)	Engine Wire and Engine Room Main Wire (Inside of ECU Box)
IC3	154 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel LH)
ID3	154 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
IE1	156 (RHD)	Engine Room Main Wire and Floor No.2 Wire (Left Kick Panel)
BD1	158 (RHD)	Floor No.3 Wire and Floor No.2 Wire (Lower Back Panel LH)

## ▽ : GROUND POINTS

Code	See Page	Ground Points Location
IG	154 (RHD)	Cowl Side Panel LH
BM	158 (RHD)	Quarter Panel LH



**: SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E3	152 (RHD)	Engine Room No.2 Wire	B6	158 (RHD)	Floor No.3 Wire