

BODY ELECTRICAL

SERVICE DATA

SS0CN-07

DAYTIME RUNNING LIGHT RELAY (MAIN) (Wire Harness Side)	
3 – Ground (Constant)	Battery positive voltage
8 – Ground (Ignition switch OFF)	No voltage
8 – Ground (Ignition switch ON)	Battery positive voltage
9 – Ground (Terminal 3 ground)	Battery positive voltage
11 – Ground (Rear fog light switch ON, terminal 3 ground)	Battery positive voltage
12 – Ground (Constant)	Battery positive voltage
14 – Ground (Terminal 5 ground)	Battery positive voltage
AUTOMATIC LIGHT CONTROL SENSOR (Wire Harness Side)	
1 – Ground (Ignition switch ON)	Battery positive voltage
1 – Ground (Ignition switch LOCK or ACC)	No voltage
2 – Ground (Constant)	Battery positive voltage
TURN SIGNAL FLASHER (Wire Harness Side)	
1 – Ground (Ignition switch LOCK or ACC)	No voltage
1 – Ground (Ignition switch ON)	Battery positive voltage
4 – Ground (Constant)	Battery positive voltage
SPEEDOMETER (ON-VEHICLE)	
USA:	
Standard indication (mph)	Allowable range (mph)
20	18 – 24
40	38 – 44
60	56 – 66
80	78 – 88
100	98 – 110
120	118 – 132
CANADA:	
Standard indication (km/h)	Allowable range (km/h)
20	17 – 24
40	38 – 46
60	57.5 – 67
80	77 – 88
100	96 – 109
120	115 – 130
140	134 – 151.5
160	153 – 173
Speedometer	Resistance (Ω)
A – B	160 Ω
C – D	160 Ω
TACHOMETER (ON-VEHICLE)/ DC 13.5 V 25 °C at (77 °F)	
Standard indication	Allowable range
700	617 – 757
1,000	881 – 1,081
2,000	1,837 – 2,087

3,000	2,793 – 3,093
4,000	3,775 – 4,075
5,000	4,756 – 5,056
6,000	5,707 – 6,067
Tachometer	Resistance (Ω)
A – B	160 Ω
C – D	160 Ω
Voltmeter	Resistance (Ω)
A – B	160 Ω
C – D	160 Ω
FUEL RECEIVER GAUGE	Resistance (Ω)
A – B	160 Ω
C – D	160 Ω
FUEL SENDER GAUGE	
Float position mm (in.)	Resistance (Ω)
F: Approx. 85.3 (3.36)	Approx. 0.30 $\pm$ 0.1
1/2: Approx. 1.7 (0.67)	Approx. 2.45 $\pm$ 0.1
E: Approx. 91.9 (3.62)	Approx. 4.60 $\pm$ 0.1
ENGINE COOLANT TEMPERATURE RECEIVER GAUGE	Resistance (Ω)
A – B	160 Ω
C – D	160 Ω
ENGINE COOLANT TEMPERATURE SENDER GAUGE	
Temperature $^{\circ}\text{C}$ ($^{\circ}\text{F}$)	Resistance (Ω)
50 (122.0)	160 – 240 Ω
120 (248.0)	17.1 – 21.2 Ω
OIL PRESSURE GAUGE	Resistance (Ω)
A – B	160 Ω
C – D	160 Ω
DEFOGGER SWITCH (wire harness side)	
12 – Ground (Constant)	Battery positive voltage
1 – Ground (Ignition switch LOCK or ACC)	No voltage
1 – Ground (Ignition switch ON)	Battery positive voltage
2 – Ground (Ignition switch LOCK)	No voltage
2 – Ground (Ignition switch ACC or ON)	Battery positive voltage
SLIDING ROOF CONTROL ASSEMBLY	
5 – Ground (Constant)	Battery positive voltage
8 – Ground (Ignition switch LOCK or ACC)	No voltage
8 – Ground (Ignition switch ON)	Battery positive voltage
POWER MIRROR SWITCH	
4 – Ground (Ignition switch LOCK)	No voltage
4 – Ground (Ignition switch ACC or ON)	Battery positive voltage
RADIO RECEIVER	
10 – Ground (Ignition switch LOCK)	No voltage
10 – Ground (Ignition switch ACC or ON)	Battery positive voltage
POWER AMPLIFIER	
A2 – Ground (Constant)	Battery positive voltage

2002 LEXUS LX470 (RM914U)

SERVICE SPECIFICATIONS - BODY ELECTRICAL

A5 - Ground (Constant)	Battery positive voltage
A6 - Ground (Ignition switch LOCK and radio switch ON)	No voltage
A6 - Ground (Ignition switch ACC or ON and radio switch ON)	Battery positive voltage
ANTENNA MOTOR CONTROL RELAY	
4 - Ground (Constant)	Battery positive voltage
7 - Ground (Ignition switch ACC or LOCK)	No voltage
7 - Ground (Ignition switch ON)	Battery positive voltage
17 - Ground (Ignition switch LOCK)	No voltage
17 - Ground (Ignition switch ACC or ON)	Battery positive voltage
GARAGE DOOR OPENER SWITCH	
2 - Ground (Constant)	Battery positive voltage