

# BODY ELECTRICAL

## SERVICE DATA

SSOCN-14

DAYTIME RUNNING LIGHT RELAY (MAIN) (Wire Harness Side)	
1 - Ground (Ignition switch position LOCK or ACC)	No voltage
1 - Ground (Ignition switch position ON or START)	Battery voltage
5 - Ground (Constant)	Battery voltage
8 - Ground (Engine Stop)	No voltage
8 - Ground (Engine Running)	Battery voltage
9 - Ground (Constant)	No voltage
9 - Ground (Ground terminal 3)	Battery voltage
11 - Ground (Constant)	No voltage
11 - Ground (Ground terminal 3)	Battery voltage
12 - Ground (Constant)	Battery voltage
14 - Ground (Constant)	No voltage
14 - Ground (Ground terminal 5)	Battery voltage
AUTOMATIC LIGHT CONTROL SENSOR	
(Connector disconnected)	
4 - Ground (Ignition switch position LOCK or ACC)	No voltage
4 - Ground (Ignition switch position ON)	5.2 - 9.0 V
(Connector connected)	
1 - Ground (Ignition switch position LOCK or ACC)	No voltage
1 - Ground (Ignition switch position ON)	9.5 V or more
TURN SIGNAL FLASHER	
1 - Ground (Ignition switch position LOCK or ACC)	No voltage
1 - Ground (Ignition switch position ON)	Battery voltage
4 - Ground (Constant)	Battery voltage
LIGHT FAILURE RELAY (Wire Harness Side)	
3 - Ground (Taillight or Headlight OFF)	No voltage
3 - Ground (Taillight or Headlight ON)	Battery voltage
8 - Ground (Ignition switch position LOCK or ACC)	No voltage
8 - Ground (Ignition switch position ON)	Battery voltage
4 - Ground (Ignition switch position LOCK or ACC)	No voltage
4 - Ground (Ignition switch position ON)	Battery voltage
7 - Ground (Stop light switch position OFF)	No voltage
7 - Ground (Stop light switch position ON)	Battery voltage
SPEEDOMETER (ON-VEHICLE)	
Standard indication (mph) Europe Models	Allowable range (mph)
20	20 - 24.5
40	40 - 46.5
60	60 - 68.5
80	80 - 90.5
100	100 - 112.5
Standard indication (km/h) Europe Models	Allowable range (km/h)
20	20 - 26
40	40 - 48

60	60 – 70
80	80 – 92
100	100 – 114
120	120 – 136
140	140 – 158
160	160 – 180
Standard indication (km/h) Australia	Allowable range (km/h)
40	36 – 44
60	54 – 66
80	72 – 88
100	90 – 110
120	108 – 132
140	126 – 154
160	144 – 176
Speedometer	Resistance ( $\Omega$ )
A – B	160 $\Omega$
C – D	160 $\Omega$
TACHOMETER (ON-VEHICLE)/ DC 13.5 V 25 °C at (77 °F)	
Standard indication	Allowable range
700	630 – 770
1,000	900 – 1,100
2,000	1,850 – 2,150
3,000	2,800 – 3,200
4,000	3,800 – 4,200
5,000	4,800 – 5,200
6,000	5,750 – 6,250
7,000	6,700 – 7,300
Tachometer	Resistance ( $\Omega$ )
A – B	160 $\Omega$
C – D	160 $\Omega$
FUEL RECEIVER GAUGE	Resistance ( $\Omega$ )
A – B	160 $\Omega$
C – D	160 $\Omega$
FUEL MAIN SENDER GAUGE	
Float position mm (in.)	Resistance ( $\Omega$ )
F: Approx. 22.9 (0.90) $\pm$ 3 (0.12)	Approx. 2.0 $\pm$ 1.0
1/2: Approx. 58.3 (2.30) $\pm$ 3 (0.12)	Approx. 26.7 $\pm$ 3.0
E: Approx. 133.6 (5.26) $\pm$ 3 (0.12)	Approx. 55.0 $\pm$ 1.0
FUEL SUB SENDER GAUGE	
Float position mm (in.)	Resistance ( $\Omega$ )
F: Approx. 29.1 (1.15) $\pm$ 3 (0.12)	Approx. 2.0 $\pm$ 1.0
1/2: Approx. 65.8 (2.59) $\pm$ 3 (0.12)	Approx. 33.0 $\pm$ 3.0
E: Approx. 169.5 (6.67) $\pm$ 3 (0.12)	Approx. 61.3 $\pm$ 1.0
WATER TEMPERATURE RECEIVER GAUGE (Resistance)	Resistance ( $\Omega$ )
A – B	160 $\Omega$
C – D	160 $\Omega$

## SERVICE SPECIFICATIONS - BODY ELECTRICAL

VOLTAGE GAUGE (Resistance)	Resistance ( $\Omega$ )
A - B	160
C - D	160
SPECIFIC FUEL CONSUMPTION GAUGE (Resistance)	Resistance ( $\Omega$ )
A - B	160
C - D	160
WIRELESS DOOR LOCK CONTROL RECEIVER	
(Connector disconnected)	
5 - Ground (Constant)	Battery voltage
(Connector connected)	
3 - Ground (All door closed, Transmitter OFF → ON)	0 - 6 V → ON
3 - Ground (All door closed, Transmitter OFF → ON)	0 - 6 V → ON
POWER AMPLIFIER	
B1 - Ground (Constant)	Battery voltage
A16 - Ground (Ignition switch position LOCK)	No voltage
A16 - Ground (Ignition switch position ACC or ON)	Battery voltage
RADIO RECEIVER	
A4 - Ground (Constant)	Battery voltage
A3 - Ground (Ignition switch position LOCK)	No voltage
A3 - Ground (Ignition switch position ACC or ON)	Battery voltage