

# BODY ELECTRICAL

## SERVICE DATA

SS03A-05

SPEEDOMETER (On-vehicle)	
USA:	
Standard indication (mph)	Allowable range (mph)
20	18 – 24
40	38 – 44
60	58 – 66
80	78 – 88
100	98 – 110
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 ( $\Omega$ )
A – B	Approx. 160
C – D	Approx. 160
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	1,875 – 2,125
3,000	2,850 – 3,150
4,000	3,850 – 4,150
5,000	4,850 – 5,150
6,000	5,820 – 6,180
TACHOMETER	Resistance ( $\Omega$ )
A – B	140 – 185
C – D	130 – 175
VOLT GAUGE	Resistance ( $\Omega$ )
A – B	Approx. 347
FUEL RECEIVER GAUGE (w/ Tachometer)	Resistance ( $\Omega$ )
A – B	Approx. 83
A – C	Approx. 268
B – C	Approx. 160
FUEL RECEIVER GAUGE (w/o Tachometer)	Resistance ( $\Omega$ )
A – B	Approx. 83
A – C	Approx. 268
B – C	Approx. 160

## SERVICE SPECIFICATIONS – BODY ELECTRICAL

FUEL SENDER GAUGE	
Float position mm (in.)	Resistance ( $\Omega$ )
F: Approx. 32.6 (1.283) $\pm$ 2 (0.12)	Approx. 3.0
1/2: Approx. 81.7 (3.216)	Approx. 32.5
E: Approx. 188.9 (7.440) $\pm$ 2 (0.12)	Approx. 110
ENGINE COOLANT TEMPERATURE RECEIVER GAUGE (w/ Tachometer)	Resistance ( $\Omega$ )
A – B	Approx. 55.9
A – C	Approx. 136
B – C	Approx. 211
ENGINE COOLANT TEMPERATURE RECEIVER GAUGE (w/o Tachometer)	Resistance ( $\Omega$ )
A – B	Approx. 54.5
A – C	Approx. 139
B – C	Approx. 214
ENGINE COOLANT TEMPERATURE SENDER GAUGE	
Temperature $^{\circ}\text{C}$ ( $^{\circ}\text{F}$ )	Resistance ( $\Omega$ )
50 (122.0)	160 – 240
120 (248.0)	17.1 – 21.2
OIL PRESSURE RECEIVER GAUGE	
A – B	Approx. 25.0 $\Omega$