

# BODY ELECTRICAL

## SERVICE DATA

SS03A-06

SPEEDOMETER (On-vehicle)	
USA:	
Standard indication (mph)	Allowable range (mph)
20	19 – 22
40	39 – 42.5
60	59.5 – 63.5
80	79.5 – 84
100	100 – 105
CANADA:	
Standard indication (km/h)	Allowable range (km/h)
20	17.5 – 21.5
40	38 – 42
60	58 – 63
80	78 – 84
100	98.5 – 104.5
120	119 – 125
140	139 – 146
160	159 – 167
TACHOMETER (On-vehicle) / DC 13.5 V 25°C at (77°F)	
2UZ-FE:	
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 (On-vehicle) / DC 13.5 V 25°C at (77°F)	
1GR-FE:	
Standard indication	Allowable range
700	630 – 770
1,000	900 – 1,000
2,000	1,850 – 2,150
3,000	2,800 – 3,200
4,000	3,800 – 4,200
5,000	4,800 – 5,100
6,000	5,750 – 6,250
FUEL SENDER GAUGE	
Float position mm (in.)	Resistance (Ω)
SF: Approx. 116.5 (4.59) ± 2.5 (0.10)	Approx. 4.0
1/2: Approx. 14 (0.55)	Approx. 59.0
W/L: Approx. 72.2 (2.84)	Approx. 98.8

SE: Approx. 100 (3.90) $\pm$ 2.5 (0.10)	Approx. 110.0 $\pm$ 2.5
ENGINE COOLANT TEMPERATURE RECEIVER GAUGE	
Temperature °C (°F)	Resistance (k $\Omega$ )
-20 (-4)	13.54 to 16.63
20 (68)	2.28 to 2.63
80 (176)	0.31 to 0.33
110 (230)	0.138 to 0.15