

ON-VEHICLE INSPECTION

1. INSPECT SPEEDOMETER

(a) Check the operation.

- (1) Using a speedometer tester, inspect the speedometer for allowable indication error and check the operation of the odometer.

Reference: Europe LHD Models (km/h)

Standard indication	Allowable range
20 km/h	21 – 25 km/h
40 km/h	41.7 – 46.2 km/h
60 km/h	62.7 – 67.2 km/h
80 km/h	83.4 – 88.4 km/h
100 km/h	104.3 – 109.3 km/h
120 km/h	125.1 – 130.6 km/h
140 km/h	145.8 – 151.8 km/h
160 km/h	166.2 – 173.2 km/h
180 km/h	186.9 – 194.5 km/h
200 km/h	207.7 – 215.7 km/h

Reference: Australia Models (km/h)

Standard indication	Allowable range
20 km/h	17.5 – 21.5 km/h
40 km/h	38 – 42 km/h
60 km/h	58 – 63 km/h
80 km/h	78 – 84 km/h
100 km/h	99 – 104.5 km/h
120 km/h	119.5 – 125.5 km/h
140 km/h	139.5 – 146.5 km/h
160 km/h	159.5 – 167.5 km/h
180 km/h	179.5 – 188.5 km/h

Reference: Europe RHD Models (mph)

Standard indication	Allowable range
20 mph	21 – 23.5 mph
40 mph	42 – 44.5 mph
60 mph	62.5 – 66 mph
80 mph	83.1 – 87.1 mph
100 mph	103.9 – 108.4 mph
120 mph	124.7 – 129.6 mph

NOTICE:

Tire wear and tire over or under inflation will increase the indication error.

- (2) Check the deflection width of the speedometer indicator.

Reference: Below 0.5 km/h (0.3 mph)

2. INSPECT TACHOMETER

(a) Check the operation

(1) Connect a tune-up test tachometer, and start the engine.

NOTICE:

- **Reversing the connection of the tachometer will damage the transistors and diodes inside.**
- **When removing or installing the tachometer, be careful not to drop or subject it to heavy shocks.**

(2) Compare the test and tachometer indications.

DC 13.5 V, 25 °C at (77 °F)

Standard indication (r/min)	Acceptable range (r/min) Data in () are for reference
700	630 to 770
1,000	(900 to 1100)
2,000	(1850 to 2150)
3,000	2800 to 3200
4,000	(3800 to 4200)
5,000	4800 to 5200
6,000	(5750 to 6250)