

INSPECTION

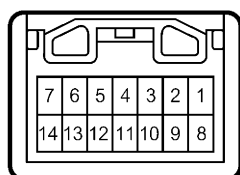
1. INSPECT COMBINATION METER CIRCUIT

Connector connected:

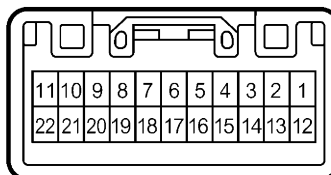
Connect connector "A" and "B" from the combination meter and inspect the connectors on the wire harness side as shown in the table.

Connector connected

Connector B"



Connector A"



I11995

Tester connection	Condition	Specified condition
A2 - Ground (Turn L)	Ignition switch ON and turn signal switch Left	Battery voltage
A3 - Ground (Turn R)	Ignition switch ON and turn signal switch Right	Battery voltage
A4 - Ground (Beam +)	Constant	Battery voltage
A5 - Ground (Beam -)	Headlight dimmer switch HI	Battery voltage
A6 - Ground (BRK level)	Ignition switch ON and Brake fluid level warning switch LO	Battery voltage
A7 - Ground (Check engine)	Ignition switch ON and engine running	Battery voltage
A8 - Ground (SRS)	SRS warning light does not light up	Battery voltage
A9 - Ground (ABS)	Ignition switch ON and ABS warning does not lights up	Battery voltage
A10 - Ground (ILL-)	Light control switch TAIL or HEAD	Continuity
A11 - Ground (Headlight beam level)	Headlight beam level control system is operation	Battery voltage
A12 - Ground (Speed signal input)	Ignition switch ON and turn propeller shaft slowly	Battery voltage
A13 - Ground (Speed signal output)	Ignition switch ON and turn propeller shaft slowly	1 V to 4.5 - 5.5 V
A14 - Ground (Tachometer signal)	Engine running	Pulse generation *1
A15 - Ground (MPX +B)	Constant	Battery voltage

A16 - Ground (DOME +B)	Constant	Battery voltage
A17 - Ground (IGN)	Ignition switch ON	Battery voltage
A18 - Ground (Power ground)	Constant	Continuity
A19 - Ground (Signal ground)	Constant	Continuity
A20 - Ground (MPX+)	Ignition switch ON	Pulse generation
A21 - Ground (MPX-)	Ignition switch ON	Pulse generation
A22 - Ground (ILL+)	Light control switch TAIL or HEAD	Battery voltage
B1 - Ground (SP ground)	Constant	Continuity
B2 - Ground (6M/T R buzzer)	Ignition switch ON and shift lever except R range	Battery voltage
B3 - Ground (TRC OFF)	Ignition switch ON and TRC OFF indicator does not light up	Battery voltage
B4 - Ground (SLIP)	Ignition switch ON and SLIP indicator does not light up	Battery voltage
B5 - Ground (VSC)	Ignition switch ON and VSC indicator does not light up	Battery voltage
B6 - Ground (Rear Lights)	Ignition Switch ON and rear lights bulb is blown	Battery voltage
B7 - Ground (Front Fog)	Light control switch TAIL and Front fog light Switch ON	Battery voltage
B8 - Ground (Security)	Theft deterrent system is operating	Battery voltage
B9 - Ground (Alternator L terminal)	Engine running	Battery voltage

If circuit is not as specified, wiring diagram and inspect the circuits connected to other parts.

2. INSPECT SPEEDOMETER/ON-VEHICLE

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

HINT:

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

Europe Models

(mph)		(km/h)	
Standard indication	Allowable range	Standard indication	Allowable range
20	21 - 23.5	20	21 - 25
40	41.5 - 44	40	41.5 - 46
60	62.5 - 66	60	62.5 - 67
80	83 - 87	80	83 - 88
100	104 - 108.5	100	104 - 109
120	125 - 130	120	125 - 130.5
140	146 - 151.5	140	145.5 - 151.5
-	-	160	166 - 173
-	-	180	186.5 - 194.5
-	-	200	207 - 216
-	-	220	227.5 - 237.5
-	-	240	248 - 259

Australia

(mph)		(km/h)	
Standard indication	Allowable range	Standard indication	Allowable range
-	-	20	17.5 - 21.5
-	-	40	38 - 42
-	-	60	58 - 63
-	-	80	78 - 84
-	-	100	99 - 104.5
-	-	120	119.5 - 125.5
-	-	140	139.5 - 146.5
-	-	160	159.5 - 167.5
-	-	180	179.5 - 188.5
-	-	200	199.5 - 209.5
-	-	220	219.5 - 230.5
-	-	240	239.5 - 251.5

If error is excessive, replace the speedometer.

3. INSPECT TACHOMETER/ON-VEHICLE

(a) 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.**

(b) Compare the tester and tachometer indications.

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	2,850 - 3,150
4,000	(3,800 - 4,200)
5,000	4,800 - 5,200
6,000	(5,750 - 6,250)
7,000	6,700 - 7,300
8,000	7,700 - 8,300