

Diagnostic Information and Procedures

Combination Meter Symptom Diagnosis

BENE31J19304001

- 1) Check combination meter power and ground circuit.
- 2) Check DTC with SDS or mode select switch.
 - If some DTC appears during inspection in Step 2), go to applicable DTC diag. flow.
 - If any of troubles described in table below has occurred independently even though DTC display is normal during inspection in Step 2), inspect subject place according to instructions in table below.

Condition	Possible cause	Correction / Reference Item
Speedometer does not operate	Wheel speed sensor	Check wheel speed sensor. (Page 1A-53)
	Speedometer	Check speedometer. (Page 9C-6)
	ECM	Check ECM. (Page 1A-53)
	Speedometer circuit	Repair circuit. (Page 9A-3)
	Wheel speed sensor circuit	Repair circuit. (Page 9A-3)
Fuel level indicator does not operate	Fuel level gauge	Check fuel level sensor. (Page 9C-9)
	Fuel level indicator	Check fuel level indicator. (Page 9C-8)
	Fuel level gauge circuit	Repair circuit. (Page 9A-3)
Oil pressure indicator light does not operate	Oil pressure switch	Check oil pressure switch. (Page 9C-10)
	Oil pressure indicator	Check oil pressure indicator. (Page 9C-10)
	Oil pressure switch circuit	Repair circuit. (Page 9A-3)
Engine coolant temperature indicator does not operate	ECT sensor	Check ECT sensor. (Page 1C-14)
	ECT indicator	Check ECT indicator. (Page 9C-6)
	ECT sensor circuit	Repair circuit. (Page 9A-3)
Ambient air temperature indicator	Ambient air temperature sensor	Check ambient air temperature sensor. (Page 9C-10)
	Ambient air temperature indicator	Check ambient air temperature indicator. (Page 9C-9)
	Ambient air temperature sensor circuit	Repair circuit. (Page 9A-3)

Horn Symptom Diagnosis

BENE31J19304002

Condition	Possible cause	Correction / Reference Item
Horn does not operate	Horn button faulty	Check horn button. (Page 9C-11)
	Wiring or ground faulty	Repair circuit.
	Horn faulty	Check horn. (Page 9C-11)

2) With the adjust switch (1) pressed, turn the ignition switch ON.

3) Hold the adjust switch pressed for more than 4 seconds, the needle shakes fully and returns "0".

4) Release the adjust switch.

5) If the pointer does not return to "0", replace the combination meter with a new one. (Page 9C-5)

Steering Motor Inspection and Adjustment

- 1) Check that the pointer calibrates itself immediately after turning the ignition switch on and stops at zero point.

If abnormal condition is found, replace the combination meter unit with a new one after checking its wire harness/coupler.