

7. Speedometer remains at 0 km/h (0 mph) position.

INSPECTION PROCEDURE

1 Check of Engine and ECT ECU diagnosis.

CHECK:

Is diagnosis code "42" output when Engine and ECT ECU diagnosis is carried out?

Yes

Faulty Engine and ECT ECU.

No

2 Check of speed signal input.

CHECK:

Does voltage between A21 (SI) terminal and body ground repeatedly change between 1 V or less and 10 to 14 V during traveling at 2 to 4 km/h speed after ignition switch ON?

Yes

Faulty meter ECU.

No

3 Check of SI terminal voltage.

CHECK:

Is voltage between vehicle side connector D22 (SPMD) terminal and body ground 10 to 14 V after ignition switch ON and disconnecting Engine and ECT ECU (LH) connector D?

No

Faulty Engine and ECT ECU (LH).

Yes

4 Wiring harness check.**CHECK:**

Is there continuity between meter vehicle side connector A21 (SI) and Engine and ECT ECU vehicle side connector D22 (SPDM) after disconnecting meter connector A?

No**Faulty wiring harness.****Yes****Faulty meter ECU.**