

17. Vehicle position is deviated from correct point badly.

INSPECTION PROCEDURE

1 Check mark display. (At place with fine view, is GPS mark displayed or not?)

No Go to step 7.

Yes

2 Does trouble occur in specific area or not?

Yes Normal. (If vehicle is positioned in place where it is difficult to be identified, current vehicle position may be incorrectly displayed.)

No

3 Setting check (Color of the automatic calibration button on the calibration screen).

OK Normal.

NG

4 Service check mode. (Is "58-43" output in unit check mode of navigation ECU?) (See page DI-1600)

Yes Troubleshoot for each diagnosis.

No

5 Navigation check mode. (Vehicle signal check mode: SPD) (See page DI-1600)

NG

Replace or repair speed sensor wire harness (See page N-35).

OK

6 Recurrence test (Confirm phenomenon) (Correct current position and drive vehicle for a while with GPS mark displayed.)

OK

Normal.

NG

Replace navigation ECU (See page N-35).

7 Check connection of navigation antenna. (Bite or sharp bend)

NG

Connect navigation antenna properly.

OK

8 Check optional components. (Does GPS mark appear if optionals such as theft deterrent system is removed?)

Yes

Remove them or change position of components.

HINT:

Some optionals receive radio signals. This may affect GPS reception.

No

9 Is there anything such as a film stuck to window or any metal object on instrument panel?

Yes

Reception may be affected by a screen such as a film.

No

10 Service check mode. (Is "58-40,41" is output in unit check mode of navigation ECU?) (See page DI-1600).

Yes

Troubleshoot for each diagnosis.

No

Replace navigation antenna (See page IN-35).

HINT:

If the trouble still occurs, replace the navigation ECU.