

20. Vehicle position is deviated from correct point badly.

INSPECTION PROCEDURE

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

No

Go to step 7.

Yes

- | | |
|---|---|
| 2 | Does the trouble occur in the specific area or not? |
|---|---|

Yes

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

No

- | | |
|---|--|
| 3 | Check the setting (Color of the automatic calibration button on the calibration screen). |
|---|--|

Green

Normal. (Drive the vehicle (10 km or more) until calibration is completed.)

Blue

- | | |
|---|--|
| 4 | Service check mode. (Is "58-43" displayed in the unit check mode of the navigation ECU?) |
|---|--|

Yes

Troubleshoot for each diagnosis.

No

5 **Navigation check mode (vehicle signal check mode: SPD).**

NG

Replace or repair speed sensor wire harness.

OK

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

Yes

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

No

7 **Recurrence Test (Confirm the phenomenon) (Correct the current position and drive the vehicle for a while with the GPS mark displayed).**

OK

Normal.

NG

Replace the navigation ECU.

8 **Check if the harness is caught or sharply bent or not.**

NG

Navigation antenna is surely connected.

OK

9 Check optional components. (Does it become if the optionals such as the theft deterrent system is removed?)

Yes

Remove or change the position of the components.

HINT:

Some optionals receive radio signals, and if this happens, GPS reception may be affected.

No

10 Is there anything such as a film stuck to the window?

Yes

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

No

11 Service check mode. (Is "80-40, 41" is displayed in the unit check mode of the navigation ECU?)

Yes

Troubleshoot for each diagnosis.

No

Replace the navigation antenna.

HINT:

If the trouble still occurs, replace the navigation ECU.