

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?) |
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No

Go to step 7.

Yes

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

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

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

Blue

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| 4 | Service check mode (Is "58-43" displayed in the unit check mode of the navigation ECU?) |
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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 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.****7 Check if the harness is caught or sharply bent or not.****NG****Navigation antenna is surely connected.****OK****8 Check optional components. (Does it become normal 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

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

Yes

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

No

10 Service check mode (Is "80-40, 41" 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.