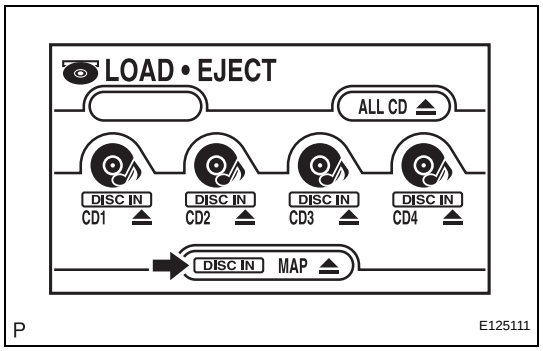
Current Position Display does not Appear

INSPECTION PROCEDURE

1	CHECK RADIO AND NAVIGATION ASSEMBLY

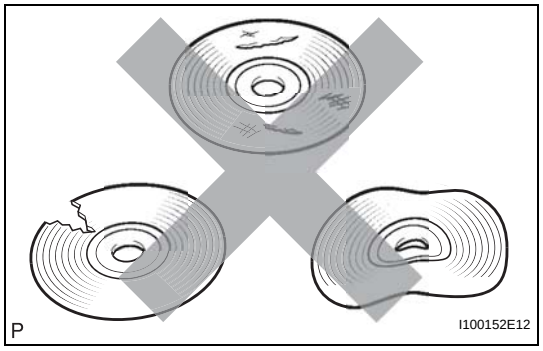


(a) Check if a map disc is inserted into the map disc slot.
OK:
A map disc is inserted.

NG → **INSERT MAP DISC IN MAP SIDE SLOT**

OK

2	CHECK MAP DISC



(a) Check that the map disc is not deformed or cracked.
OK:
No deformations or cracks appear on the map disc.

NG → **REPLACE MAP DISC**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

GPS Mark is not Displayed

INSPECTION PROCEDURE

1	CHECK CABIN

(a) Check the cabin for any object that might interrupt radio reception on the instrument panel. If such an object exists, remove it and check if the GPS mark reappears.
HINT:
The GPS uses extremely faint radio waves originating from satellites. If the signal is interrupted by obstructions or other radio waves, the GPS may not be able to properly receive the signal.
OK:
Mark appears.

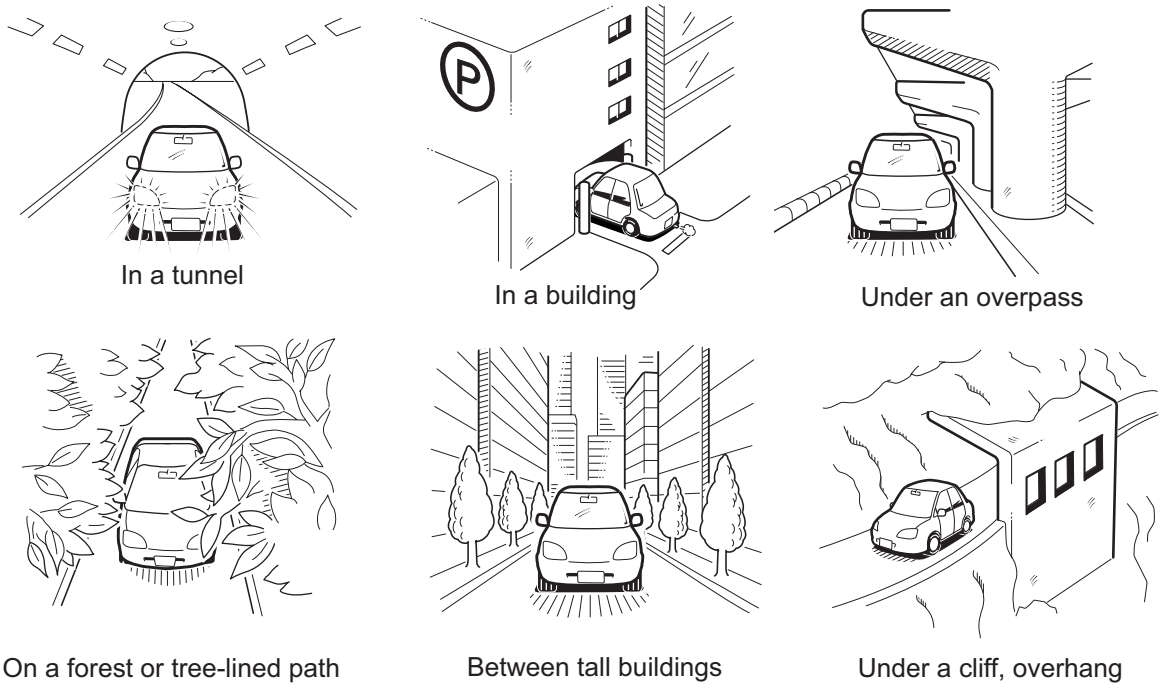
NG → **Go to step 2**

OK

NORMAL OPERATION

2	CHECK SURROUNDINGS

(a) Check if the vehicle is in a location where GPS signal reception is poor. If the vehicle is in such a place, relocate the vehicle and check if the GPS mark reappears.
HINT:
The GPS uses 24 satellites in 6 orbits. At any point in time, 4 satellites should be able to pinpoint your vehicle. However, GPS signals may not reach the vehicle due to influence from the surroundings, vehicle direction, and time. For illustrated examples, see below.



OK:

GPS mark is displayed.

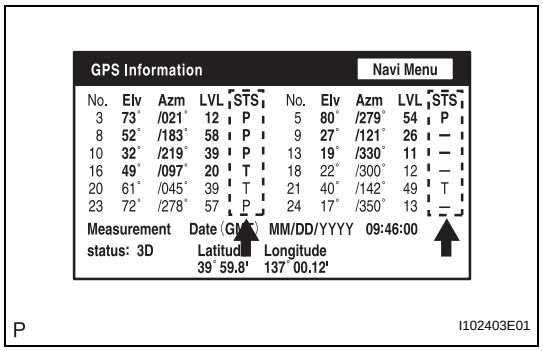
NS

NG → **Go to step 3**

OK →

SYSTEM RETURNS TO NORMAL

3 CHECK GPS INFORMATION (NAVIGATION CHECK MODE)



(a) Enter the "Navigation Check" mode (GPS Information) (See page NS-27).

(b) Check how many of the following codes appear in the "STS" column.

For DENSO Made:

T, P

For AISIN AW Made:

08H, 04H

OK:

At least 3 codes appear.

NG → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

OK

REPLACE RADIO AND NAVIGATION ASSEMBLY