

SYMPTOM TROUBLESHOOTING [CAR-NAVIGATION SYSTEM]

id0903e8378800

Symptom	Description
CAR-NAVIGATION SYSTEM DOES NOT START OPERATION [CAR-NAVIGATION SYSTEM]	• Even if the NAVI mode is selected, the car navigation system screen does not display
CAR-NAVIGATION SYSTEM DOES NOT OPERATION [CAR-NAVIGATION SYSTEM]	• Even if the map screen is touched, the car navigation system cannot be operated
VEHICLE POSITION DEVIATES FROM THE ROUTE MAP [CAR-NAVIGATION SYSTEM]	• The vehicle position on the map screen deviates from the actual vehicle position.
NO VOICE NAVIGATION [CAR-NAVIGATION SYSTEM]	• Even if the route guidance mode is initiated, there is no voice guidance
DISPLAY SCREEN DOES NOT CHANGE TO THE NIGHT MODE [CAR-NAVIGATION SYSTEM]	• Does not switch to the night screen even though the light switch is in the TNS position.

Quick Diagnostic Chart

X: Applicable					
Possible factor	Troubleshooting item				
	Car-navigation system does not start operation	Car-navigation system does not start	Vehicle position deviates from the route map	No voice navigation	Display screen does not change to the night mode
NAVI switch malfunction	X				
Power supply fuse (+B, ACC) burnt out	X				
Open or short circuit in power supply (+B, ACC, GND)	X				
Open or short circuit in power supply (+B, ACC, GND) wiring harness	X				
Open or short circuit in wiring harness between audio unit and car navigation unit communication system	X				
Car-navigation unit malfunction	X	X	X	X	X
Audio unit malfunction	X		X		
Audio unit malfunction (bad LCD panel)		X			
GPS antenna malfunction			X		
Poor GPS antenna connection			X		
Poor reception due to object			X		
Poor connection of vehicle wiring harness (vehicle signal) connector, bad pins.			X		
Open or short circuit in vehicle wiring harness (vehicle signal)			X		
Route guidance mode setting mistake				X	
Poor volume adjustment of audio system				X	
TNS signal malfunction					X

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