PROBLEM SYMPTOMS TABLE

HINT:

- Before inspecting the suspected areas listed in the table below, check the fuse and relay.
- Before inspecting the suspected areas listed in the table below, check the DTCs.
- Methods used to verify the cause of the problem are listed in order of probability in the suspected area column.

Display function:

Symptom	Suspected area	See page
Pressing PWR switch does not turn on system.	1. Proceed to "Pressing Power Switch does not Turn ON System"	NS-120
	2. Radio and navigation assembly power source circuit	NS-227
	3. AVC-LAN circuit	NS-203
	4. Radio and navigation assembly	NS-231
Black screen (No image appears on navigation/audio screen).	1. Proceed to "Black Screen"	NS-165
	2. Illumination circuit	NS-176
	3. AVC-LAN circuit	NS-203
	4. Radio and navigation assembly	NS-231
Illumination for panel switch does not come on with TAIL switch on.	1. Proceed to "Illumination for Panel Switch does not Come on with TAIL Switch ON"	NS-130
	2. Illumination circuit	NS-176
	3. Radio and navigation assembly	NS-231
Display does not dim (Night Screen) with TAIL switch on.	1. Proceed to "Display does not DIM with Light Control Switch is Turned ON"	NS-131
	2. Illumination circuit	NS-176
	3. Radio and navigation assembly	NS-231
Power does not turn off (The screen remains on).	1. Radio and navigation assembly power source circuit	NS-227
	2. Radio and navigation assembly	NS-231
Panel switches do not function.	1. Proceed to "Panel Switches do not Function"	NS-132
	2. Steering pad switch circuit	NS-170
	3. Radio and navigation assembly power source circuit	NS-227
	4. Radio and navigation assembly	NS-231
Touch panel switch does not function.	1. Proceed to "Touch Panel Switch does not Function"	NS-133
	2. Steering pad switch circuit	NS-170
	3. Radio and navigation assembly power source circuit	NS-227
	4. Radio and navigation assembly	NS-231
Display panel does not open, tilt, or tilts improperly.	1. Proceed to "Display Panel does not Open, Tilt, or Tilts Improperly"	NS-134
	2. Radio and navigation assembly power source circuit	NS-227
	3. Radio and navigation assembly	NS-231
Screen is distorted.	1. Radio and navigation assembly power source circuit	NS-227
	2. Radio and navigation assembly	NS-231
Screen flicker or color distortion.	1. Proceed to "Screen Flicker or Color Distortion"	NS-135
	2. Radio and navigation assembly power source circuit	NS-227
	3. Radio and navigation assembly	NS-231
DVD image cannot be displayed on front screen. (Parking brake is on.) (*1)	1. Proceed to "Display Signal Circuit between Television Display Assembly and Radio and Navigation Assembly"	NS-210
	2. Parking brake switch circuit	NS-184
	3. Radio and navigation assembly	NS-231
Navigation function switches can be operated while vehicle is running.	Proceed to "Vehicle Speed Signal Circuit between Radio and Navigation Assembly and Combination Meter"	NS-166

Audio function:

Symptom	Suspected area	See page
No sound can be heard from speakers (audio is mute).	1. Proceed to "No Sound can be Heard from Speakers"	NS-121
	2. Stereo component amplifier power source circuit	NS-227
	3. Proceed to "Mute Signal Circuit between Radio and Navigation Assembly and Television Display Assembly" (*1)	NS-199
	4. Proceed to "Mute Signal Circuit between Radio and Navigation Assembly and Stereo Component Amplifier"	NS-201
	5. Proceed to "Sound Signal Circuit between Radio and Navigation Assembly and Stereo Component Amplifier"	NS-195
	6. Speaker circuit	NS-186
	7. Stereo component amplifier	AV-173
	8. Radio and navigation assembly	NS-231
Radio broadcast cannot be received or poor reception.	Proceed to "Radio Broadcast cannot be Received or Poor Reception"	NS-127
CD cannot be inserted/played or CD is ejected right after insertion.	Proceed to "CD cannot be Inserted/Played or CD is Ejected Right After Insertion"	NS-123
CD cannot be ejected.	Proceed to "CD cannot be Ejected"	NS-122
CD sound skips.	Proceed to "CD Sound Skips"	NS-125
Abnormal noise occurs.	Proceed to "Noise Occurs"	NS-118
Poor sound quality in all modes (low volume).	1. Proceed to "Poor Sound Quality in All Modes (Low Volume)"	NS-137
	2. Proceed to "Mute Signal Circuit between Radio and Navigation Assembly and Television Display Assembly" (*1)	NS-199
	3. Proceed to "Mute Signal Circuit between Radio and Navigation Assembly and Stereo Component Amplifier"	NS-201
	4. Stereo component amplifier power source circuit	NS-225
	5. Radio and navigation assembly power source circuit	NS-227
	6. Stereo component amplifier	AV-173
	7. Radio and navigation assembly	NS-231
RSE sound cannot be heard or sound quality is bad.	1. Television display assembly power source circuit	NS-229
	2. Proceed to "Sound Signal Circuit between Radio and Navigation Assembly and Television Display Assembly"	NS-192
	3. Proceed to "Mute Signal Circuit between Radio and Navigation Assembly and Television Display Assembly"	NS-199
	4. Radio and navigation assembly	NS-231
	5. Television display assembly	AV-175
External device sound cannot be heard or sound quality is bad (Stereo jack is used).	1. Proceed to "Sound Signal Circuit between Radio and Navigation Assembly and Stereo Jack Adapter"	NS-197
	2. Stereo jack adapter	AV-196
	3. Radio and navigation assembly	NS-231
ASL does not function.	Proceed to "Vehicle Speed Signal Circuit between Stereo Component Amplifier and Combination Meter"	AV-134

Navigation function:

Symptom	Suspected area	See page
Map disc cannot be inserted.	1. Proceed to "Map Disc cannot be Inserted"	NS-138
	2. Radio and navigation assembly power source circuit	NS-227
	3. Radio and navigation assembly	NS-231
Map disc cannot be ejected.	1. Radio and navigation assembly power source circuit	NS-227
	2. Radio and navigation assembly	NS-231
Vehicle position mark deviates.	1. Proceed to "Vehicle Position Mark Deviates Greatly"	NS-139
	2. GPS antenna	NS-242
	3. Radio and navigation assembly	NS-231

Symptom	Suspected area	See page
Cursor or map rotates when vehicle is stopped.	1. Proceed to "Cursor or Map Rotates When Vehicle is Stopped"	NS-141
	2. Radio and navigation assembly	NS-231
Vehicle position mark is not updated.	1. Proceed to "Vehicle Position Mark is not Updated"	NS-142
	2. Map disc	-
	3. Radio and navigation assembly	NS-231
Current position display does not appear.	1. Proceed to "Current Position Display does not Appear"	NS-143
	2. Map disc	-
	3. GPS antenna	NS-242
	4. Radio and navigation assembly	NS-231
GPS mark is not displayed.	1. Proceed to "GPS Mark is not Displayed"	NS-144
	2. GPS antenna	NS-242
	3. Radio and navigation assembly	NS-231
Voice guidance does not function.	1. Proceed to "Voice Guidance does not Function"	NS-147
	2. Proceed to "Mute Signal Circuit between Radio and Navigation Assembly and Stereo Component Amplifier"	NS-201
	3. Navigation Voice Circuit	NS-208
	4. Speaker Circuit	NS-186
	5. Map disc	-
	6. Radio and navigation assembly	NS-231
	7. Stereo component amplifier	AV-173
Map display incomplete.	1. Proceed to "Map Display Incomplete"	NS-150
	2. Map disc	-
	3. Radio and navigation assembly	NS-231
Route cannot be calculated.	1. Proceed to "Route cannot be Calculated"	NS-151
	2. Map disc	-
	3. Radio and navigation assembly	NS-231
Voice recognition difficulty.	1. Proceed to "Voice Recognition Difficulty"	NS-152
	2. Radio and navigation assembly	NS-231
Voice is not recognized.	1. Proceed to "Voice is not Recognized"	NS-154
	2. Proceed to "Microphone Circuit between Microphone and Radio and Navigation Assembly"	NS-213
	3. Steering Pad Switch Circuit	NS-170
	4. Microphone	-
	5. Radio and navigation assembly	NS-231
Speed signal does not change in the navigation check mode.	Proceed to "Vehicle Speed Signal Circuit between Radio and Navigation Assembly and Combination Meter"	NS-166
Reverse signal does not change in the navigation check mode.	Proceed to "Reverse Signal Circuit"	NS-205

Steering pad switch function:

Symptom	Suspected area	See page
The system cannot be operated by the steering pad switch.	1. Steering Pad Switch Circuit	NS-170
	2. Radio and navigation assembly	NS-231
Illumination for steering pad switch does not come on with TAIL switch on.	1. Illumination Circuit	NS-176
	2. Radio and navigation assembly	NS-231

Bluetooth function:

Symptom	Suspected area	See page
Cellular phone registration failure, phone directory transfer failure.	Proceed to "Cellular Phone Registration Failure, Phone Directory Transfer Failure"	NS-156

Symptom	Suspected area	See page
Cellular phone cannot send/receive.	1. Proceed to "Cellular Phone cannot Send/Receive"	NS-158
	2. Steering Pad Switch Circuit	NS-170
	3. Radio and navigation assembly	NS-231
Cannot call in a certain place.	Proceed to "Cannot Call in a Certain Place"	NS-160
The other callers voice cannot be heard, is too quiet, or distorted.	1. Proceed to "The Other Callers Voice cannot be Heard, is too Quiet, or Distorted"	NS-161
	2. Navigation Voice Circuit	NS-208
	3. Radio and navigation assembly	NS-231
	4. Stereo component amplifier	AV-173
The other caller cannot hear your voice, or your voice is too quiet or distorted.	1. Proceed to "The Other Caller cannot Hear Your Voice, or Your Voice is too Quiet or Distorted"	NS-163
	2. Proceed to "Microphone Circuit between Microphone and Radio and Navigation Assembly"	NS-213
	3. Microphone	-
	4. Radio and navigation assembly	NS-231