

2012 - Mazda6 - Body and Accessories

FOREWORD [CAR-NAVIGATION SYSTEM]

Troubleshooting Index

No.	Malfunction symptom
1	NO.1 CAR-NAVIGATION SYSTEM DOES NOT START OPERATION (DISPLAY CHANGES TO BACK.) [CAR-NAVIGATION SYSTEM]
2	NO.2 SYSTEM DOES NOT CONTROL AUDIO BY STEERING SWITCH [CAR-NAVIGATION SYSTEM]
3	NO.3 SYSTEM DOES NOT LOAD MAP DISC. [CAR-NAVIGATION SYSTEM]
4	NO.4 NO SOUND FROM AUDIO SYSTEM [CAR-NAVIGATION SYSTEM]
5	NO.5 VEHICLE POSITION DEVIATES FROM THE ROUTE MAP [CAR-NAVIGATION SYSTEM]
6	NO.6 NO VOICE NAVIGATION [CAR-NAVIGATION SYSTEM]
7	NO.7 DISPLAY SCREEN DOES NOT CHANGE TO THE NIGHT MODE (FRONT AND REAR COMBINATION LIGHTS OPERATE NORMALLY.) [CAR-NAVIGATION SYSTEM]
8	NO.8 SPEECH RECOGNITION DOES NOT START [CAR-NAVIGATION SYSTEM]
9	NO.9 DISPLAY DOES NOT CHANGE TO THE REAR MOUNT CAMERA IMAGE [CAR-NAVIGATION SYSTEM]

Quick diagnostic chart

X: Applicable

[illegible]

X: Applicable

Possible factor	Troubleshooting item								
	1	2	3	4	5	6	7	8	9
	Car-navigation system does not start operation (display changes to back.)	System does not control audio by steering switch	System does not load map disc.	No sound from audio system	Vehicle position deviates from the route map.	No voice navigation	Display screen does not change to the night mode (front and rear combination lights operate normally.)	Speech recognition does not start	Display does not change to the rear mount camera image
Rear mount camera malfunction									X
Poor connection of the rear mount camera connector, terminal damage									X
CAN system malfunction									X
Poor connection of the short-cord connector, terminal damage									X
Open or short circuit in wiring harness between car-navigation unit and the short-cord connector 1									X
Open or short circuit in short-cord									X
TR switch (ATX)/Back-up light switch (MTX) malfunction									X
Open or short circuit in wiring harness between TR switch (ATX)/Back-up light switch (MTX) and BCM									X

< Previous Next >

[Back to Top](#)

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< Previous Next >

[Back to Top](#)