

2012 - Mazda6 - Body and Accessories

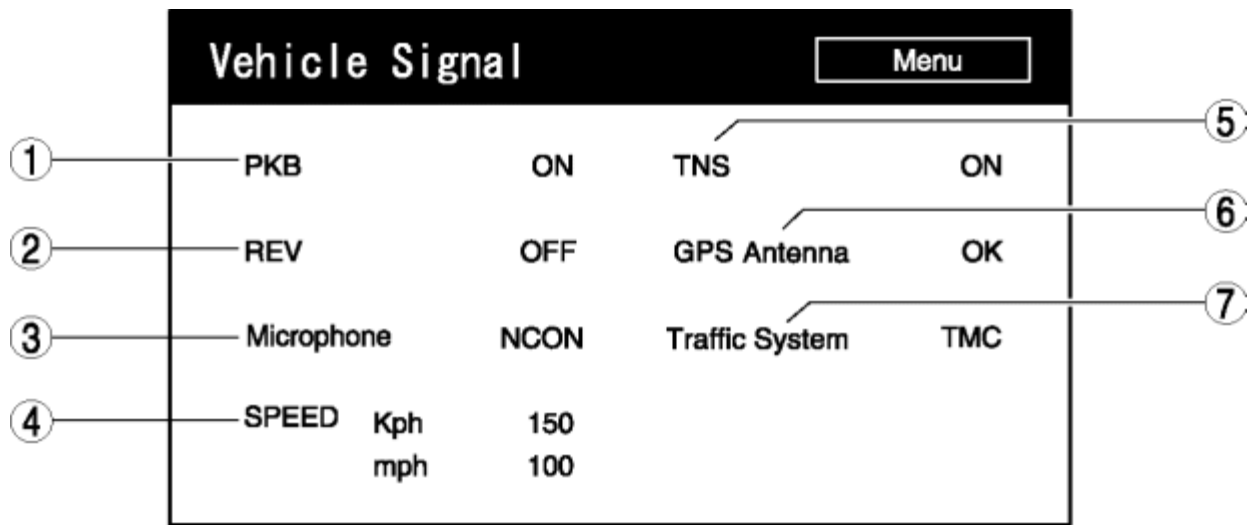
SELF-DIAGNOSTIC [CAR-NAVIGATION SYSTEM]

Starting Procedure For Diagnostic Function

- 1. Switch the ignition to ACC or ON.
- 2. Launch the diagnostic mode. (See [STARTING PROCEDURE FOR DIAGNOSTIC MODE \[CAR-NAVIGATION SYSTEM\]](#).)
- 3. Press "Menu" button of "Diagnosis Check" screen.
- 4. Perform following procedures according to the purpose of the check item.

If inspect vehicle condition signals:

- Select "Vehicle Signal".



No.	Display item	Description
1	PKB	Indicate parking brake signal. • ON: Parking brake applied. • OFF: Parking brake released.
2	REV	Indicate Reverse signal state. • ON: Reverse

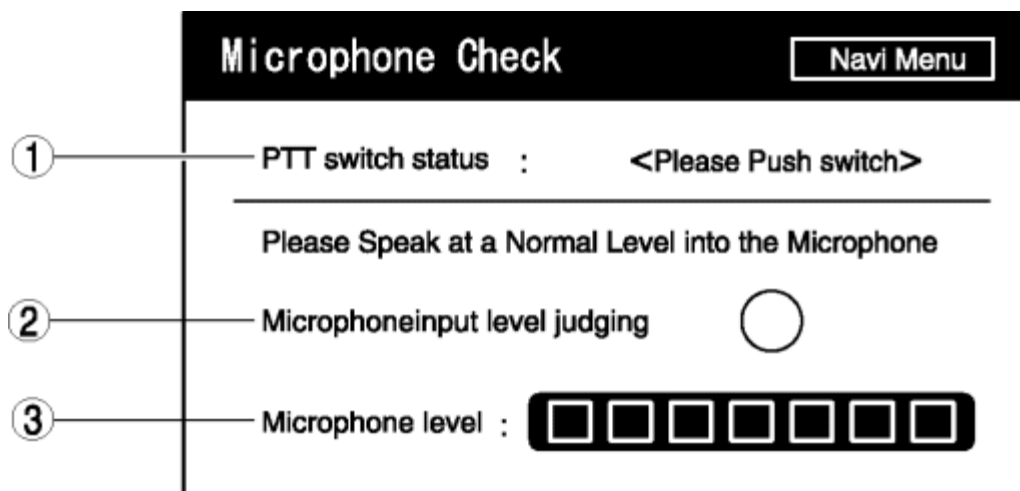
		• OFF: Others
3	Microphone*	Indicate the connection state of a microphone. • OK: Connect • NCON: Disconnect
4	SPEED*	Indicate the present vehicle speed by kph/mph (a maximum of 3 digits)
5	TNS*	Indicate TNS signal state. • ON: Turn TNS ON • OFF: Turn TNS OFF
6	GPS Antenna*	Indicate the connection state of a GPS antenna. • OK: Connect • NCON: Disconnect
7	Traffic System	Indicate the RDS-TMC system availability on the vehicle. • TMC: Equip • NONE: Not equip

*

It is used for symptom troubleshooting. (Troubleshooting index No.4, No.5, No.7 and No.8)

If inspect microphone related signals:

1. Select "Navigation Check Menu".
2. Select "Microphone Check".



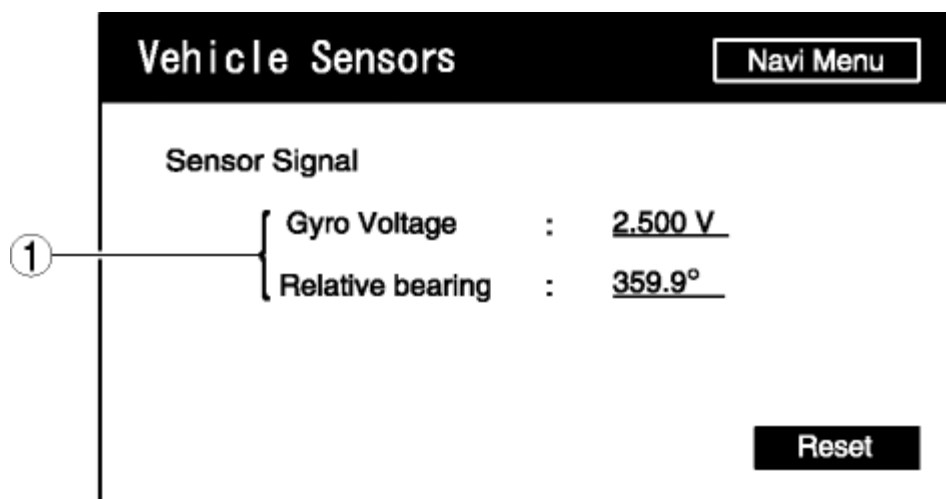
No.	Display item	Description
1	PPT switch status	indicate the state of a Talk button. <OK>: Press the button (Keep the state of until the screen is changed.) <Please Push switch>: Other than above condition.
2	Microphone input level judging*	Indicate the test result. Green indicator: The sound is inputted from the microphone property. Gray indicator: The sound is inputted from the microphone improperly.
3	Microphone level	Indicate the input level of microphone by bar graph.

*

It is used for symptom troubleshooting. (Troubleshooting index No.8)

If inspect gyro sensor signals:

1. Select "Navigation Check Menu".
2. Select "Vehicle Sensors".



No.	Display item	Description
1	GYRO	Indicate following gyro sensor signal. • Gyro sensor signal voltage • Relative bearing value

*

It is used for symptom troubleshooting. (Troubleshooting index No.5)

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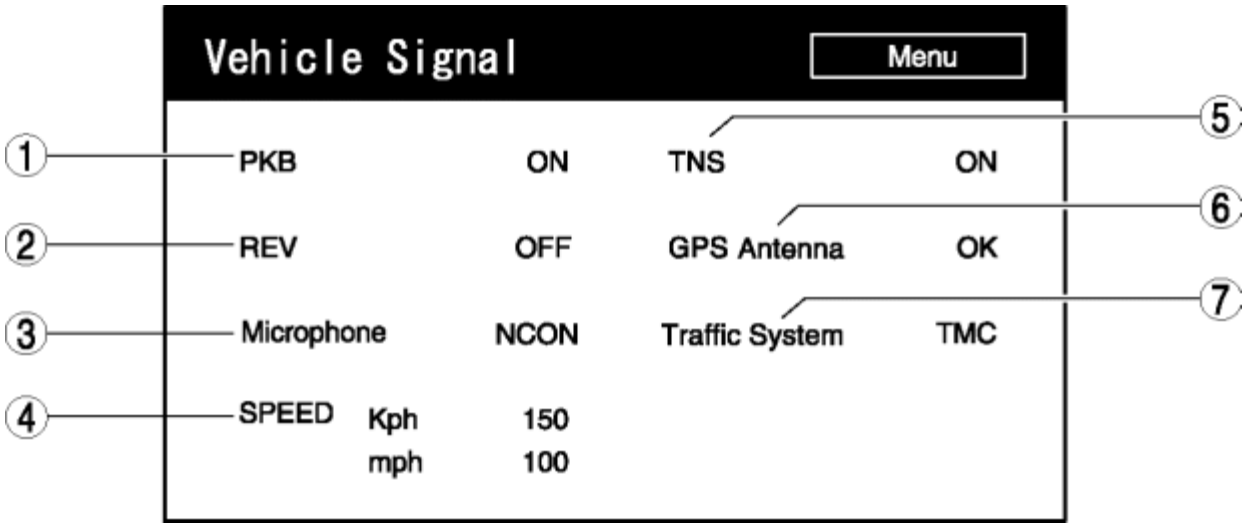
SELF-DIAGNOSTIC [CAR-NAVIGATION SYSTEM]

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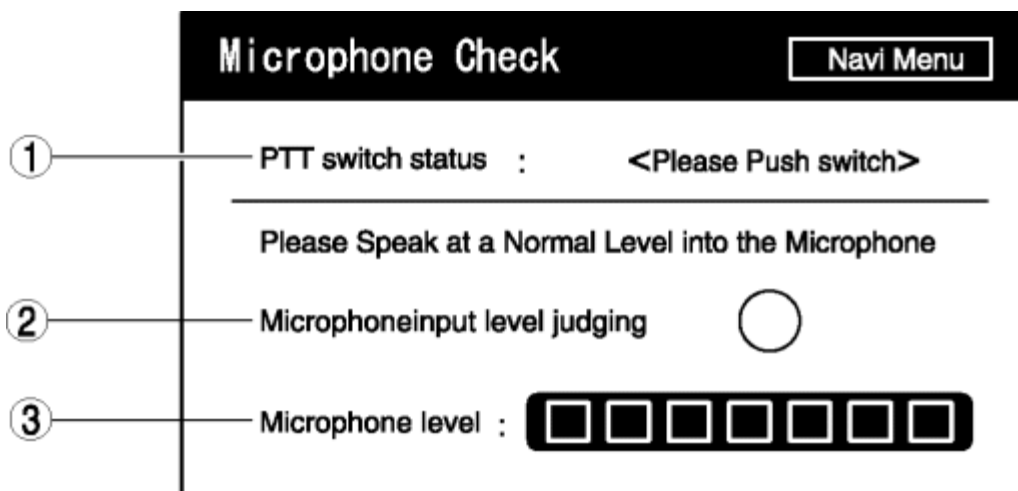
		• OFF: Others
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1. Select "Navigation Check Menu".
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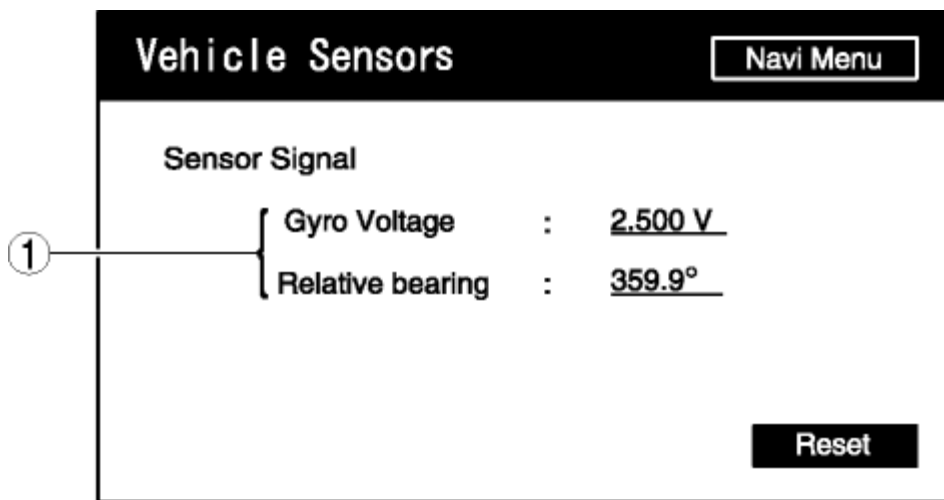
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