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## ■ CENTER DISPLAY [(E)]

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### Note

- iPod, iPhone, and Apple CarPlay are registered trademarks of Apple Inc.
- Android, and Android Auto are registered trademarks of Google LLC.
- Baidu CarLife is registered trademarks of Beijing Baidu Netcom Science & Technology Co.,Ltd.

### Purpose

- The center display displays entertainment system and vehicle information.

### Function

- The center display displays video images based on the signal sent by the GMSL signal from the connectivity master unit (CMU).
- The center display is touch-type LCD. The display touch position information is sent by GMSL signal to the CMU.
- The GMSL communication pathway between the CMU and the center display corresponds to HDCP.

### Temperature detection function

- The center display detects temperature using a temperature sensor.
- The center display converts the temperature detected by the temperature sensor to an electrical signal (GMSL signal) and sends it to the CMU.

### Note

- If the center display receives a temperature warning pop-up screen display request signal (GMSL signal) from the CMU, it displays the temperature warning pop-up screen on the LCD.

### Display information

- The information displayed by the center display is as follows: Refer to the referenced section for details of the displayed information.

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Display content	Reference
Home screen	(See Home screen.)
Information screen	(See Information screen.)
Entertainment screen	(See Entertainment screen.)
Communication screen	(See Communication screen.)
Navigation screen	(See Navigation screen.)
Setting screen	(See Settings screen.)
Apple CarPlay™	(See Apple CarPlay™.)
Android Auto™*1	(See Android Auto™.)
Baidu CarLife™*2	(See Baidu CarLife™)

\*1 :Except chinese specs.

\*2 :chinese specs.

#### Home screen

- The home screen displays entertainment system information.
- When the ignition is switched to ACC or ON (engine off or on), the home screen is displayed in the center display.



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No.	Menu
1	Information screen
2	Entertainment screen
3	Notifications screen
4	Communication screen
5	Navigation screen <sup>*3</sup>
6	Setting screen
7	Apple CarPlay™ <sup>*4</sup>
	Android Auto™ <sup>*5</sup>
	Baidu CarLife™ <sup>*6</sup>

\*3 :With car-navigation system

\*4 :When Apple CarPlay™ is available.

\*5 :When Android Auto™ is available.

\*6 :When Baidu CarLife™ is available.

#### Information screen

- Information concerning fuel efficiency monitor, siriusXM travel link, vehicle status monitor, owner's manual and warnings can be verified.



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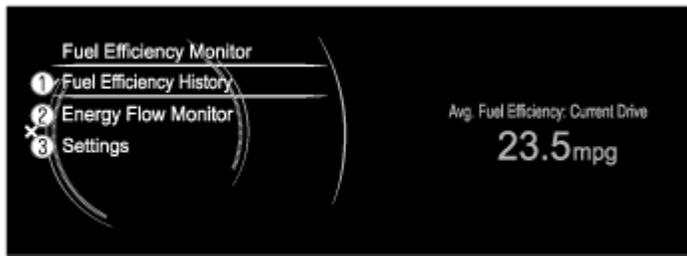
Display content	Reference
Fuel Efficiency Monitor	(See Fuel efficiency monitor .)
Vehicle Status Monitor	(See Vehicle Status Monitor.)
Owner's manual	(See Owner'a Manual.)

### Fuel efficiency monitor

- Displays the fuel efficiency information.

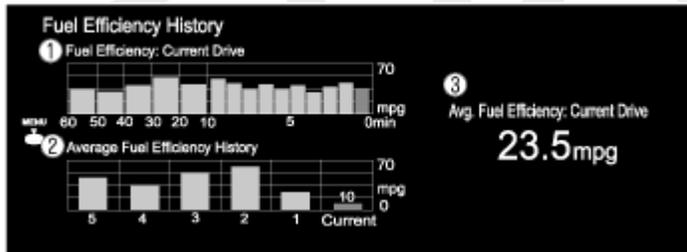
#### Fuel efficiency monitor verification procedure

1. Select the "Information" button on the Home screen.
  2. Select [Fuel Efficiency Monitor] on the information screen to display the warning guidance.
- The buttons on the menu screen operate as follows:

Display	Content
	1 Displays the information regarding the fuel efficiency.
	2 Displays the system operation status.
	3 Displays the settings for the fuel efficiency monitor.

### Fuel Consumption

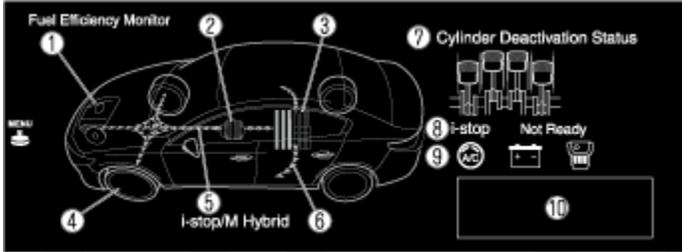
- The information regarding the fuel economy is displayed.

Display	Content
	1 <ul style="list-style-type: none"> <li>• Displays the fuel economy for the past 60 minutes. <ul style="list-style-type: none"> <li>– Displays the fuel economy every minute for the past 1 to 10 minutes.</li> <li>– Displays the fuel economy every 10 minutes for the past 10 to 60 minutes.</li> </ul> </li> </ul>
	2 Displays the average fuel economy over the past 5 resets and after the current reset.

<p>2h8</p>	<p>3</p> <ul style="list-style-type: none"> <li>• Displays the average fuel economy from when the ignition is switched ON (engine on) to the current time.</li> <li>• The average fuel economy is updated every 60 s.</li> <li>• If there is no average fuel economy data, displays “— —”.</li> </ul>
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Energy Flow Monitor (with M Hybrid)

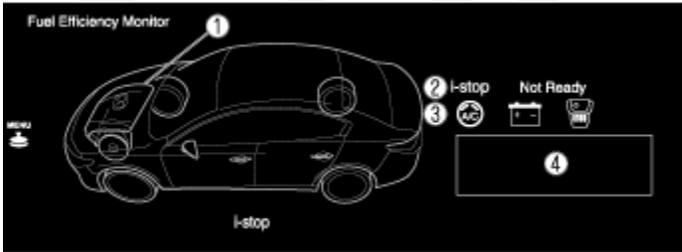
- Displays the i-stop operation status, operation status of the cylinder deactivation function, and the M Hybrid operation and energy generating status. Displays the energy flow by the direction of the arrows and movement of the arrows. If there is no energy flow, the arrows are not displayed.

Display	Content
	1 Engine
	2 Integrated Starter-Generator (ISG)
	3 M Hybrid Battery
	4 Tyres
	5 Arrows indicating energy flow
	6 The arrow moves from the M Hybrid Battery towards the electrical devices, and the vehicle indication is illuminated at the same time. All the arrows are indicated, however the actual indication differs.
	7 The condition of each cylinder is displayed by colours. The operating cylinders are displayed in red.
	8 Displays the readiness status as to whether operation of the i-stop function is available.
	9 Displays the operation readiness status of the i-stop function using icons (engine, battery, and air conditioner). Icons which indicate that a system's operation readiness

		has been completed are illuminated. Icons which have not been illuminated indicate that the system's operation readiness has not been completed.
	10	Indicates the operations required by the driver to operate the i-stop function while it is not operating

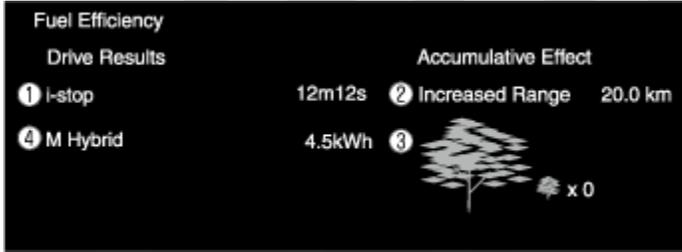
Energy Flow Monitor (without M Hybrid)

- Displays the i-stop operation status.

Display	Content
	1 Displays the operation status of the i-stop function in the engine area. The engine area is illuminated while the engine idling stop is not operating, and it is not illuminated while the engine idling stop is operating.
	2 Displays the readiness status as to whether operation of the i-stop function is available.
	3 Displays the operation readiness status of the i-stop function using icons (engine, battery, and air conditioner). Icons which indicate that a system's operation readiness has been completed are illuminated. Icons which have not been illuminated indicate that the system's operation readiness has not been completed.
	4 Indicates the operations required by the driver to operate the i-stop function while it is not operating.

Fuel Efficiency

- The actual performance of the energy efficiency is displayed.

Display	Content	
	1	Displays the amount of time that the i-stop function has operated.
	2	Displays the total driving distance which could be extended by the operation of the i-stop function.
	3	The leaf graphic grows according to the amount of CO2 emissions reduced by the system effects. The cumulative total amount of leaf growth is indicated in terms of the number of tree graphics.
	4	Displays the system power generation amount.

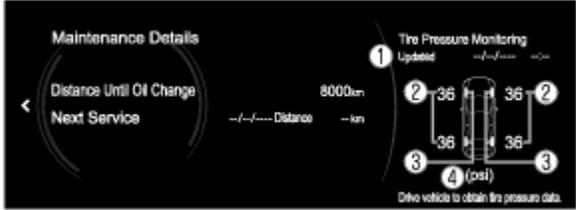
Vehicle Status Monitor

- Displays the vehicle status monitor information.

Vehicle Status Monitor verification procedure

1. Select the “Information” button on the Home screen.
2. Select [Vehicle Status Monitor] on the information screen to display the warning guidance.

- The buttons on the menu screen operate as follows:

Item	Explanation	
Vehicle Warning Messages	If there is a problem with the vehicle, information about the problem is displayed.	
Next Service	Weather Forecast	<p>The next maintenance period is displayed.</p> <p>Date</p> <ul style="list-style-type: none"> <li>• The date manually set by the customer is displayed.</li> </ul> <p>Distance</p> <ul style="list-style-type: none"> <li>• If “Next Service Date” is set to “Automatic” <ul style="list-style-type: none"> <li>— The “Distance Until Oil Change” content is displayed.</li> </ul> </li> <li>• If “Next Service Date” is set to “Manual” <ul style="list-style-type: none"> <li>— The traveled distance manually set by the customer is displayed. However, when any of the following conditions is met, the “Distance Until Oil Change” content is displayed. You have not set the traveled distance.</li> </ul> </li> </ul> <p>“Distance Until Oil Change” is shorter than the traveled distance set by the customer</p>
	Distance Until Oil Change	Displays items such as weather radar, severe storms, and tropical storm information on the navigation screen.
	Next Service	The next maintenance period manually set by the customer is displayed
Maintenance Details		
	Tire pressure monitor	<p>The current tire pressure can be checked.</p> <ol style="list-style-type: none"> <li>1. When tire pressures were last modified</li> <li>2. Air pressure of each tire</li> <li>3. Condition of each tire <ul style="list-style-type: none"> <li>— When air pressure is low: Yellow color</li> <li>— When air pressure is correct: Blue color</li> <li>— When air pressure cannot be monitored: Black color</li> </ul> </li> <li>4. Tire pressure units</li> </ol>

Vehicle Maintenance Settings	Next Service Date	The method of setting the next maintenance can be selected from the following. <ul style="list-style-type: none"> <li>• Automatic</li> <li>• Manual</li> </ul>
	Set Next Service Date	If “Next Service Date” is set to “Manual”, the next maintenance date can be set.
	Set Next Service Distance	If “Next Service Date” is set to “Manual”, the traveled distance until the next maintenance period can be set.
	Reset Oil Change Distance	The “Distance Until Oil Change” content can be reset. After replacing the engine oil, perform the reset (engine oil data resetting) of the recorded value in this item.

#### Owner’s Manual

Learn about Mazda features, safety information, maintenance, and more.

#### Entertainment screen

- When the entertainment button on the home screen is selected, the entertainment screen is displayed. The following audio functions in the table below are available.



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Display content	Function
FM	Switches to FM radio screen.
AM	Switches to AM radio screen.
Bluetooth &lt;Device Name>	Switches to Bluetooth <sup>®</sup> audio screen.  Note  • If available, the connecting device name is displayed. When Bluetooth <sup>®</sup> is not available, such as no device is connected, only Bluetooth <sup>®</sup> is displayed.
USB1 <Device Name>	Switches to USB audio/USB video screen.  Note  • If available, the connecting device name is displayed. When USB1 is not available, such as no device is connected, only USB1 is displayed.
USB2 <Device Name>	Switches to USB audio/USB video screen.  Note  • If available, the connecting device name is displayed. When USB2 is not available, such as no device is connected, only USB2 is displayed.

Note

- When iPhone<sup>®</sup> is connected to the USB port of the auxiliary jack/USB port/SD card slot hub, Apple CarPlay™ is indicated at the position of USB1 indicated on the center display.
- When Android™ is connected to the USB port of the auxiliary jack/USB port/SD card slot hub, Android Auto™ is indicated at the position of USB1 indicated on the center display.

Communication screen

- SMS (Short Message Service), and Hands-free telephone (HF/TEL) functions can be used.



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Display content	Function
Favorites	Switches to the favorite screen.
Call History	Displays the call history.
Contacts	Displays the phone book.
Dial Pad	Switches to the dial screen for phone number input.
Text Messages	Switches to the text messages screen.
Communication Settings	Switches ON/OFF of the SMS notification function.

#### Note

- If Bluetooth communication is not established between a mobile device such as a Bluetooth-enabled smart phone, the functions dependent on the mobile device are displayed in gray and they are not available.
- If there any unread notification or SMS, the number of unread messages is displayed beside each item name. The number of missed call is displayed next to "Call History".

#### Navigation screen

- When the navigation button on the home screen is selected, the navigation screen is displayed. Navigation information such as the current position and route guidance to destination is displayed on this screen.

#### Settings screen

- The following settings can be changed. For details, refer to the [ENTERTAINMENT SYSTEM] setting function. (See ENTERTAINMENT SYSTEM [(E)].)

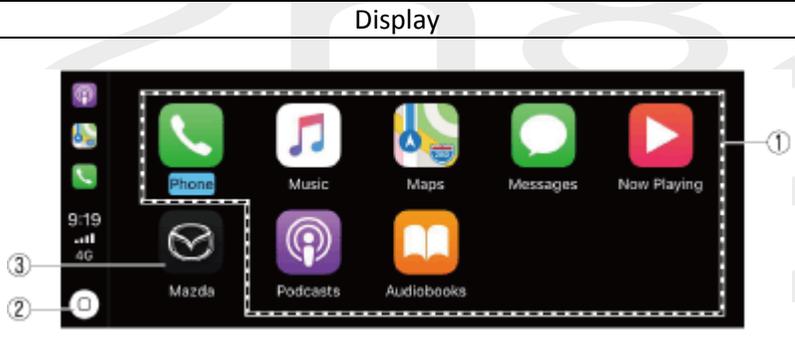
Menu		Reference
In-Vehicle Displays	(See ENTERTAINMENT SYSTEM [(E)].)	Configures settings and content for all in-vehicle displays.
Sound Settings		Configures the in-vehicle listening experience.
Vehicle Settings		Configures vehicle convenience features.
Safety Settings		Configures safety and driver assistance features.
Connectivity Settings		Connection settings can be configured for linking Bluetooth® and Smartphone functions.
System Settings		Configures language, time, and other general settings.

### Apple CarPlay™

Apple CarPlay™ home screen display procedure

- The Apple CarPlay™ home screen is displayed when any of the following operations are performed.
  - Select [Apple CarPlay™] on home screen.
  - Long-press center display/commander switch HOME button.
- The display content is as follows.

### Apple CarPlay™ mode home screen

Display	Content
	1 Launch the Apple CarPlay™ application.
	2 Displays the Apple CarPlay™ home screen.
	3 Displays the Mazda Connect screen.

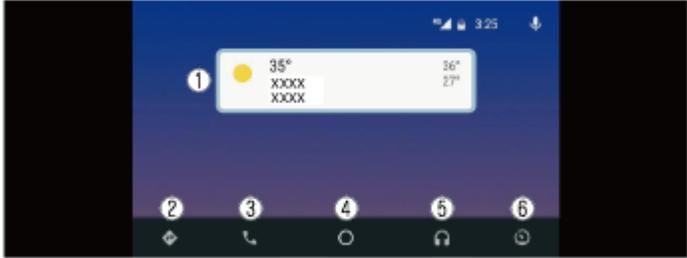
### Android Auto™

Android Auto™ home screen display procedure

- The Android Auto™ home screen is displayed when any of the following operations are performed.

- Select [Android Auto™] on home screen.
- Long-press center display/commander switch HOME button.
- The display content is as follows.

Android Auto™mode home screen

Display	Content	
	1	Displays the use history of each application. The displayed contents differ depending on the application that has been started and its status.
	2	Switches to the map application.
	3	Switches to the call mode.
	4	Displays the Android Auto™ home screen.
	5	Switches to the Music application.
	6	Switches to the Mazda Connect screen.

Baidu CarLife™

Baidu CarLife™ home screen display procedure

- The Baidu CarLife™ home screen is displayed when any of the following operations are performed.
  - Select [Baidu CarLife™] on home screen.
  - Long-press center display/commander switch HOME button.
- The display content is as follows.

Android Auto™mode home screen

Display	Content	
	1	Launch the Baidu CarLife™ application.
	2	Display the Baidu CarLife™ home screen.

	3	Switches to the call mode.
	4	Switches to the VR mode.
	5	Switches to the map application.
	6	Switches to the music application.
	7	Switches to the DisplayAudio screen.

### Construction

- The center display is installed in the center of the dashboard.
- The center display has a built-in temperature sensor.



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