1. Rear View Camera operations

When the optional Rear View Camera is installed, the rear view image can be displayed on the monitor screen.

- Do not rely too heavily on the Rear View Camera.
- Please use the Rear View Camera as a back up means to check for obstructions behind the vehicle.
- Raindrops or other natural phenomena may blur the camera’s image.
- Do not backup your vehicle looking only at the monitor. Use the rear view mirror and both side mirrors to check for any obstruction behind or around your vehicle.
- Do not use the Rear View Camera in the following situations:
  - On frozen, slippery or snowbound roads
  - With the trunk opened
  - When using tire chains or a spare tire
  - On a slope or any uneven road
- When the external air temperature is low, the image may darken or become faint. Images of moving objects in particular may be distorted, or they may not be visible on the screen, so the driver must confirm safety around the vehicle directly by eye.
The actual position and distance of people or objects may vary depending on the features of the camera lens.

Do not expose the camera to strong shocks such as hitting it or knocking it onto other objects. The Rear View Camera may not function properly if the position of the camera or its mounting angle is incorrect.

The camera is waterproof. Do not uninstall, dismantle or reconfigure the unit. Otherwise, the Rear View Camera may not function properly.

If strongly rubbing the camera cover or using a hard brush or abrasive to clean it, the camera may get scratched adversely affecting the image quality.

The camera cover is made of plastic. Do not apply an organic solvent, body wax, oil remover, glass coating, etc. If having applied any of the above, wipe it off immediately.

Pouring hot water on the Rear View Camera to deice it in cold weather can lead to a drastic change in temperature that may render normal operation impossible.

The Rear View Camera may not operate normally if the camera is damaged as a result of having hit the unit. Immediately bring it to the store of purchase for an inspection.

Do not leave it in direct sunlight for long periods of time. Otherwise, a printed image phenomenon may result.

The figure is merely an example. The range appearing on the monitor screen varies depending on the vehicle model.

The instant the vehicle is put in reverse, part of the monitor will appear white then gradually stabilize.

A white vertical band will appear when struck by light from the sun, headlights or any other strong light beam source (Smear effect).

After having used the unit for a long time, white scratches and vertical lines may appear due to a rise in temperature depending on the features of the CCD.

The 50 Hz power source range fluorescent light may cause flickering in the screen. This is not a malfunction.

Because the Rear View Camera uses a special lens, the image and distance appearing on the screen differs from the actual image and distance.
1. Rear View Camera operations

Rear View Camera image

Displaying the rear view image manually (MANUAL)

1. Touch **CAMERA SCREEN** on the INFORMATION screen.
   - The rear image appears on the monitor screen.
   - Touch any of the following switches to return to the normal screen: NAVI, DEST, (NAVI)MENU, INFO.

ATTENTION

CAMERA SCREEN button is available when backeye camera (BEC105) is connected.

Displaying the rear view image in reverse gear (AUTO)

To display the rear view image in reverse gear, set “AUTO” for the “CAMERA SCREEN” setting in advance. (Refer to page 130)

1. Select reverse gear.
   - The rear image appears on the monitor screen.
   - On shifting to any gear other than reverse, the normal screen is redisplayed.
• The range of the image may vary depending on the vehicle and the road conditions.
• There is a limit to the range of the camera. Objects near the ends of the bumper and under the bumper cannot appear.
• The rear image color may vary from the actual objects.
• The image brightness and contrast can be adjusted. (Refer to "Adjusting/setting the screen" in the OPERATION GUIDE/ Audio.)
• Depending on the vehicle, the back guideline may appear misaligned on the left and right. This is not a malfunction.
• In the following situations, the screen may be difficult to view but does not constitute a malfunction.
  • In a dark area (such as at night)
  • The temperature near the camera is high or low
  • Raindrops are on the camera lens or the humidity is high (when raining)
  • A foreign object is near the camera (such as mud)
  • When the sun or a beam from headlights strikes the camera lens directly
  • When a high-luminance point strikes the camera (such as the reflection of the sun’s rays on the chassis), a Smear effect* typical of CCD cameras may occur.

[Screen condition]

*Smear effect: A phenomenon where a vertical line appears from a high-luminance point striking the camera (such as the reflection of the sun's rays on the chassis).
1. Rear View Camera operations

Rear View Camera settings

You can select whether or not the rear view image is automatically displayed on the monitor on selecting reverse gear.

1. Touch **SETTING** on the INFORMATION screen.

2. Touch **AUTO** or **MANUAL** for CAMERA SETTING.

- **AUTO**: The rear view image is displayed in reverse gear.

- **MANUAL**: The rear view image can be displayed by touching **CAMERA SCREEN** on the INFORMATION screen.

Even when "AUTO" is set, the rear view image can be displayed by touching **CAMERA SCREEN** on the INFORMATION screen.