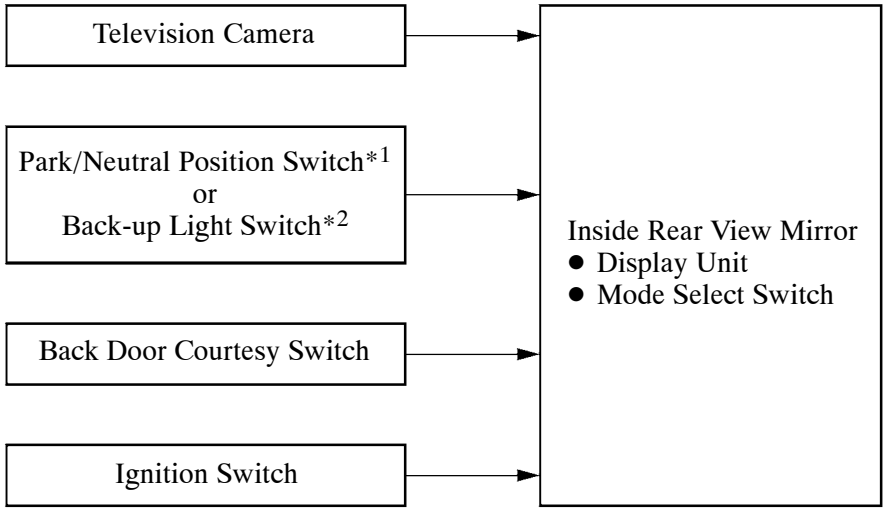
■ REAR VIEW MONITOR SYSTEM

1. General

- The rear view monitor system is available as an option on models other than those for China. The system displays a view behind the vehicle when the vehicle is parked to assist the driver.
- The system consists of a television camera, which is mounted on the spare tire carrier to capture the image of the rear view of the vehicle, and an inside rear view mirror including a 2.4-inch LCD display unit, which is used to display the image.

▶ System Diagram ◀



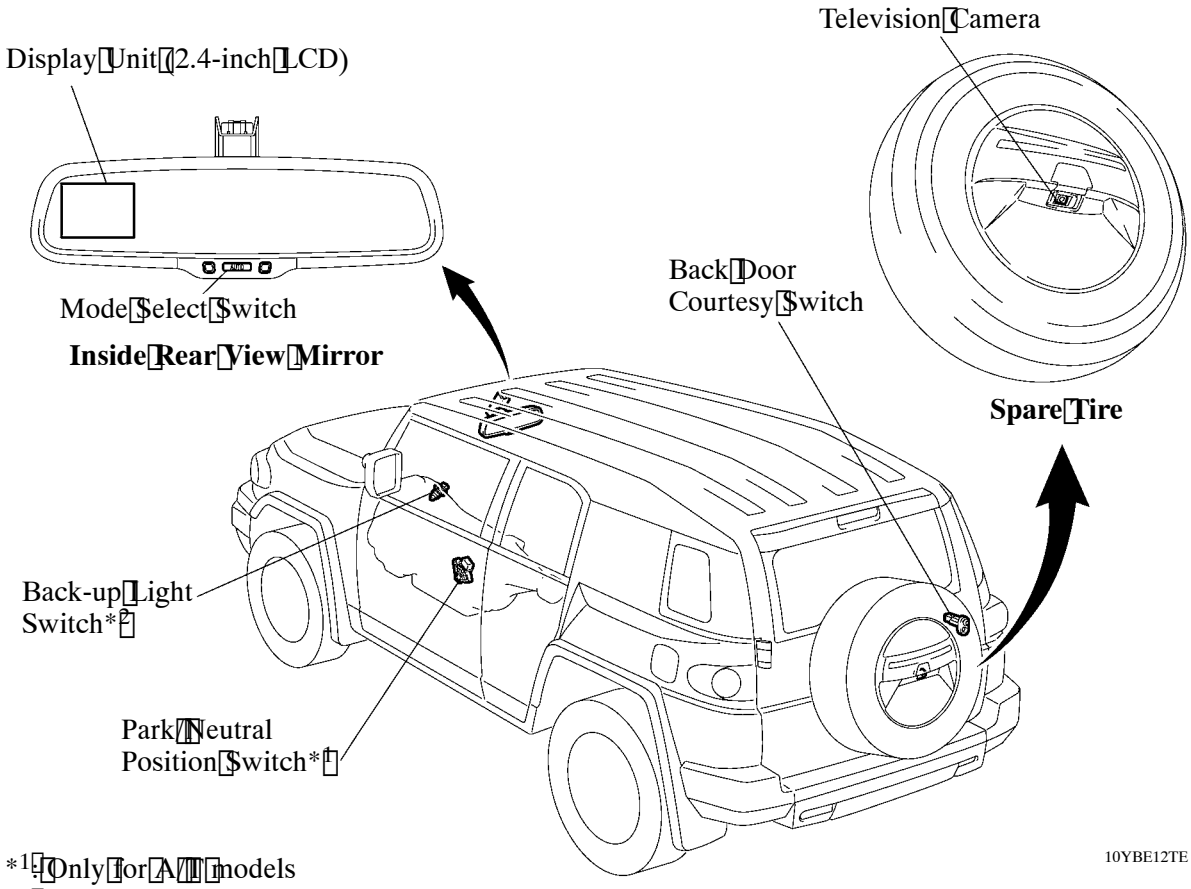
10YBE11TE

*1: Only for A/T models
*2: Only for M/T models

CAUTION

- Do not rely entirely on the rear view monitor system. Use caution, just as you would when backing up any vehicle.
- Never back up while looking only at the screen. The image on the screen may differ from the actual conditions. If you back up while looking only at the screen, you may hit an object or have an accident. When backing up, be sure to check by looking behind and all around the vehicle, both directly and using the mirrors, before proceeding.

2. Layout of Main Components



*1: Only for A/T models
*2: Only for M/T models

3. System Operation

- The rear view monitor system operates when all the conditions given below have been met.
  - Ignition switch is ON (IG).
  - The shift lever is shifted to R position.
  - The back door is closed.
- As shown in the table below, when all the conditions described above are met, the system operation can be switched by pressing the mode select switch.

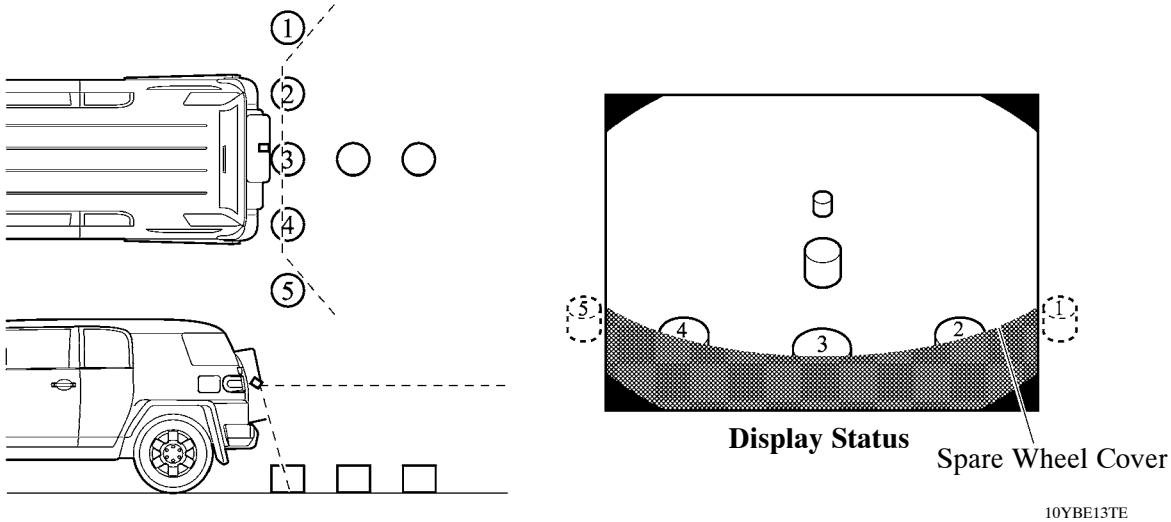
Switch Operation	System Condition
—	As shown in the table below, when all the conditions described above are met, the system operation can be switched by pressing the mode select switch.
Press the switch briefly	● The rear view is displayed or cleared whenever the switch is pressed. ● The system is reset to default condition when turning the ignition switch from OFF to ON (IG).
Press the switch for 1.2 to 1.5 seconds	● The rear view is cleared. ● The system is not reset to default condition when turning the ignition switch from OFF to ON (IG).

NOTE:

The mode select switch is also used to change the modes for the automatic glare-resistant EC mirror. For details about the automatic glare-resistant EC mirror, refer to page 12.

4. Area Displayed on Screen

- On the display unit, objects on the right of the vehicle appear on the right side of the display panel, and objects on the left of the vehicle appear on the left side of the display panel.
- The television camera uses a wide-angle lens. The perceived distance from images that appear on the screen differs from the actual distance.

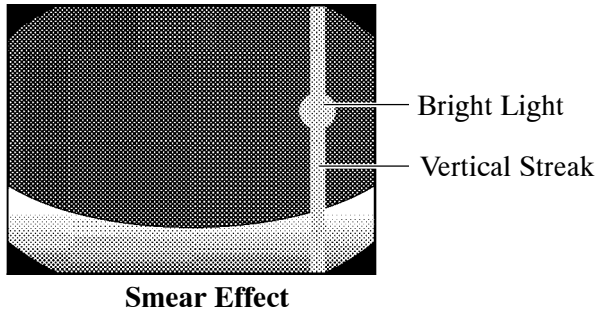


NOTE:

- The area displayed on screen may vary according to vehicle status or road conditions.
- The area covered by the television camera is limited. The television camera does not show objects close to either corner of the bumper or show the area under the bumper.

5. Precaution for Rear View Monitor System

- In the following cases, it may become difficult to see items in the image on the screen, but this does not indicate a malfunction.
  - In the dark (for example, at night)
  - When the temperature near the lens is very high or low
  - When water droplets are present on the television camera, or when humidity is high. (for example, when it rains)
  - When foreign matter (for example, mud or salt) is present on the television camera lens
  - When the sun or the beam of headlights shines directly into the television camera lens
- If a bright light (for example, sunlight reflected off the vehicle body) is picked up by the television camera, the smear effect*, a phenomenon experienced by a CCD camera, may occur.



Smear Effect

— REFERENCE —

**: Smear effect*

A phenomenon that occurs when a bright light is received up by the television camera; and transmitted to the screen, the light source will appear to have a vertical streak above and below it.