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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: ADVANCED DRIVER ASSISTANCE SYSTEM: DRIVER MONITOR CAMERA SYSTEM: PRECAUTION; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

PRECAUTION

PRECAUTIONS FOR DISCONNECTING CABLE FROM NEGATIVE (-) AUXILIARY BATTERY TERMINAL

NOTICE:

- After the ignition switch is turned off, there may be a waiting time before disconnecting the negative (-) auxiliary battery terminal.

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HINT:

When disconnecting and reconnecting the auxiliary battery, there is an automatic learning function that completes learning when the respective system is used.

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PRECAUTIONS FOR DRIVER MONITOR CAMERA SYSTEM

- (a) In the following situations, it may not be possible to recognize the driver's face, or to detect the driver's facial direction, line-of-sight, whether their eyes are open or closed, etc.
- (1) When sunlight is shining on the driver monitor camera in the cabin.
 - (2) When sunlight is shining on the driver's face.
 - (3) When the cabin light level changes between sunlight and shadow repeatedly.
 - (4) When the eyes, nose, mouth and contours of the face are hidden, and the characteristic points of the face cannot be recognized.
 - (5) When the driver is wearing eyeglasses.
 - (6) When the driver is wearing sunglasses that do not allow infrared light to pass through easily.
 - (7) When the driver is wearing a mask.
 - (8) When the driver is wearing circle contact lenses (to make the iris appear larger).
 - (9) When the driver's eyes are hidden by eyeglass frames, hair, etc., and the driver's eyes cannot be detected.
 - (10) When light reflected on the lenses of a pair of eyeglasses or sunglasses blocks the eyes.
 - (11) When the driver is wearing an eyepatch.
 - (12) When the driver is wearing a hat low over the eyes.
 - (13) When makeup prevents the characteristic points such as the eyes, mouth and contours of the face from being recognized.
 - (14) When there are 2 or more faces in and around the driver seat, such as when a passenger in the passenger seat or rear seat leans toward the driver seat.
 - (15) When the driver's hand on the steering wheel covers the face.
 - (16) When the driver's driving posture is abnormal, such as when leaning forward or sticking their face out the window.
 - (17) When the driver moves outside the viewing angle of the driver monitor camera, and the characteristic points of the face can no longer be detected.
 - (18) When the driver narrows their eyes when laughing or because of dazzling bright light.

- (19) When the installation position becomes significantly slanted due to unexpected contact or impact to the driver monitor camera.
- (20) When the temperature of the driver monitor camera is high.
- (21) When the lens cover surface of the driver monitor camera is dirty or damaged.
- (22) When there is an obstruction between the driver monitor camera and the driver's face.
- (23) When the driver is wearing an eye mask or a mask with eyes drawn on it.

PRECAUTIONS WHEN REPLACING PARTS

- (a) When replacing the driver monitor ECU assembly, make sure to replace it with a new one.
- (b) If the driver monitor camera or driver monitor ECU assembly connector is removed with the negative (-) auxiliary battery terminal connected, a DTC may be output.

HANDLING AND SERVICE PRECAUTIONS

- (a) After removing and installing any ECUs or sensors, make sure to check for DTCs and confirm that no DTCs are output.
- (b) Observe all the following precautions when handling the driver monitor camera since it is a precision instrument.
 - (1) Do not subject the driver monitor camera to a strong impact or force.
 - (2) Do not disassemble the driver monitor camera.
 - (3) When replacing, etc. the driver monitor camera, never touch the surface of the driver monitor camera.

NOTICE:

If the surface of the driver monitor camera is touched, wipe it with a soft, dry cloth.

- (4) Do not use detergent or organic solvent which could corrode resin on the driver monitor camera.

PRECAUTION FOR SURROUNDING PARTS OF DRIVER MONITOR CAMERA

- (a) Do not attach stickers or install accessories to the front surface or other surfaces of the driver monitor camera.

HINT:

- If installation cannot be avoided, make sure it does not overlap on the front surface of the driver monitor camera.
- This may affect the visual field of the driver monitor camera and the driver monitor may not operate normally.

