



GENUINE PARTS

INSTALLATION INSTRUCTIONS

1. DESCRIPTION: Rear View Monitor Kit

2. APPLICATION: GT-R (2011)

3. KIT CONTENTS:
Camera kit: K6380-89960

| Item | QTY | Description | Parts View |
|------|-----|--------------------|------------|
| ① | 1 | Camera | |
| ② | 1 | Connector housing | |
| ③ | 2 | Screw (M3×7 mm) | |
| ④ | 15 | Foam tape | |
| ⑤ | 10 | Cable tie (200 mm) | |
| ⑥ | 20 | Cable tie (100 mm) | |
| ⑦ | 1 | Instruction manual | |

Attachment kit: K6389-JF064

| Item | QTY | Description | Parts View |
|------|-----|----------------------------|------------|
| ⑧ | 1 | Bracket | |
| ⑨ | 2 | Nut (M5) | |
| ⑩ | 2 | Spacer | |
| ⑪ | 1 | Rear View Monitor Template | |
| ⑫ | 1 | I/I Replacement Template | |

4. TOOLS REQUIRED:

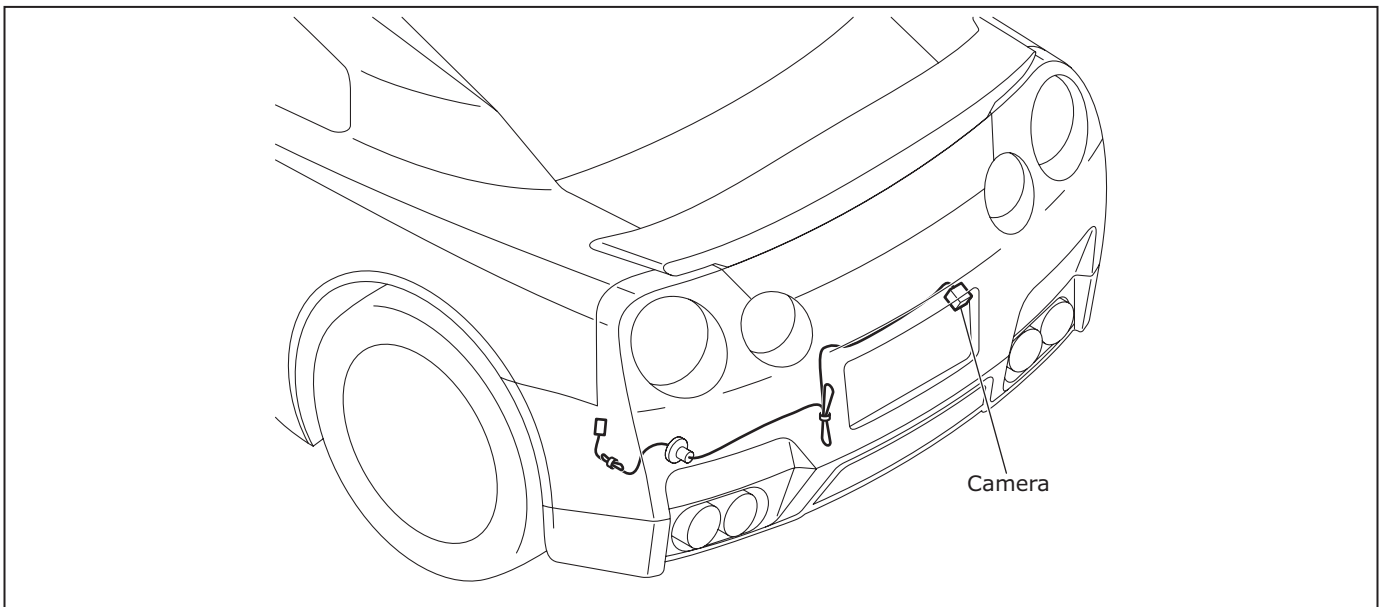
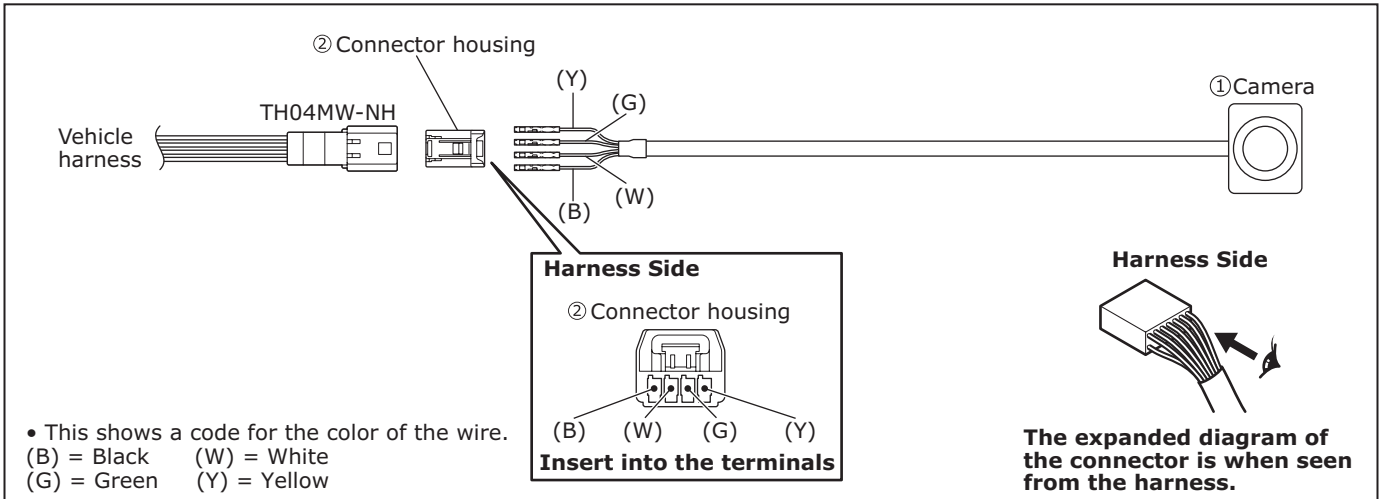
Screwdriver (+)(-), Deep socket wrench (8 mm) (10 mm) (12 mm), Electric drill (φ6) (φ11), Clip-clamp tool, Nipper, Electrical tape, Protective tape

5. PRE-INSTALLATION CAUTIONS/NOTES:

⚠ CAUTION

- Dealer installation recommended. This installation instruction will reference the service manual.
- Remove the negative battery terminal cable and then always leave it untouched for at least 3 minutes or more.
- Comply with the following points when installing or removing.
 - a) Never place your body in front or at the side surfaces of the airbag module.
 - b) Use caution not to scratch, damage or dent the harness.
- When finished installing use the CONSULT or the vehicle self-diagnosis function to verify that the SRS airbag system is functioning correctly.
- Using other than the specified parts might damage parts inside this product or the device might come loose since it was not firmly clamped, and cause accidents or equipment breakdowns, etc.

6. INSTALLATION OVERVIEW:



7. CRITICAL STEPS:

- (1) Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed.
- (2) The rear bumper guard will become extremely hot after driving, so be careful of burns.
- (3) The rear bumper fascia is made of resin, so avoid applying excessive pressure. Also, do not apply oil, etc., to it.
- (4) Rear bumper fascia attachment and detachment is to be carried out by two people to avoid dropping it.
- (5) Do not touch the titanium muffler with your hands or allow grease or oil to come into contact with it when attaching and detaching the rear bumper fascia and rear diffuser.
- (6) When installing or removing the road wheels to from the vehicle, be careful of scratches due to contact between the road wheels and the hub bolts, brake calipers, brake rotors, brake tubes, brake hoses, or other parts
- (7) Do not use an impact wrench for attaching and detaching the bolts.
- (8) The aluminum parts are very soft, so it is necessary to accurately control the tightening torque. Use a torque wrench when tightening bolts with a specified torque.
- (9) When detaching the rear bumper fascia and rear diffuser, make sure they are placed on a soft sheet and never directly on the ground. Do not touch these parts with greasy or oily hands.
- (10) Make sure the clearance for each area is correctly adjusted after reattaching the rear bumper fascia.

⚠ CAUTION

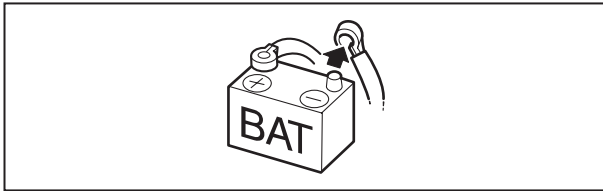
Before disconnecting the battery, lower both the driver and passenger windows. This will prevent any interference between the window edge and the vehicle when the door is opened/closed. During normal operation, the window slightly raises and lowers automatically to prevent any window to vehicle interference. The automatic window function will not work with the battery disconnected.

8. VEHICLE PREPARATION:

- (1) Open the windows on the driver's door and passenger's door.
- (2) Apply parking brake.
- (3) Record the customer radio presets.

| Preset | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|--------|---|---|---|---|---|---|---|
| A | | | | | | | |
| B | | | | | | | |
| C | | | | | | | |
| | | | | | | | |

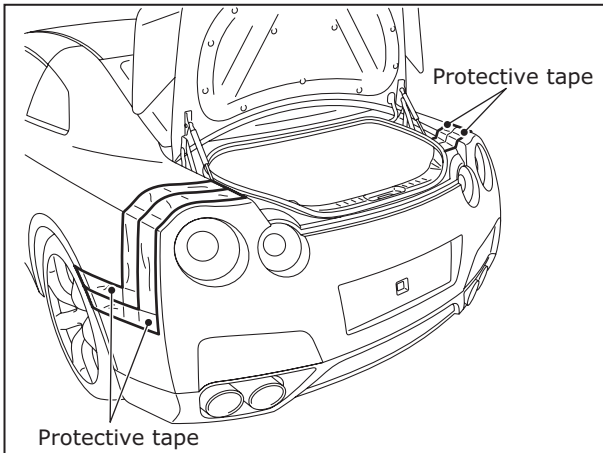
- (4) Make sure that the shift lever is engaged in the "P" position.
- (5) Turn the ignition switch OFF.
- (6) Open the trunk lid.
- (7) Open engine hood.



- (8) Disconnect the battery negative terminal to prevent short circuits during installation.

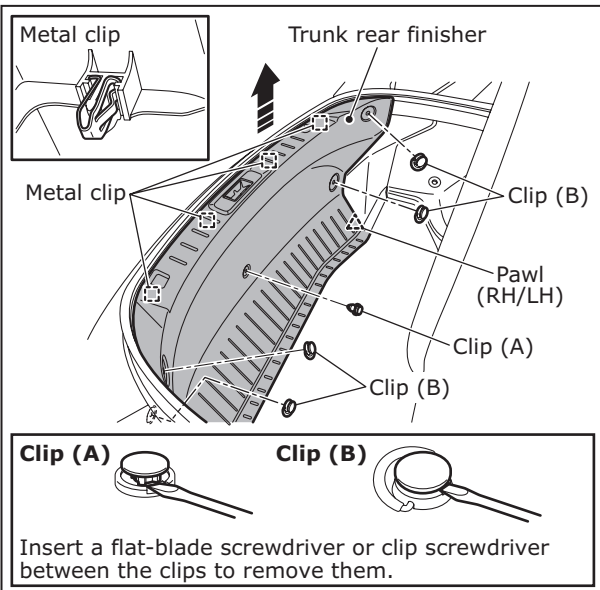
9. REMOVING VEHICLE PARTS:

9-1. Protecting the Vehicle



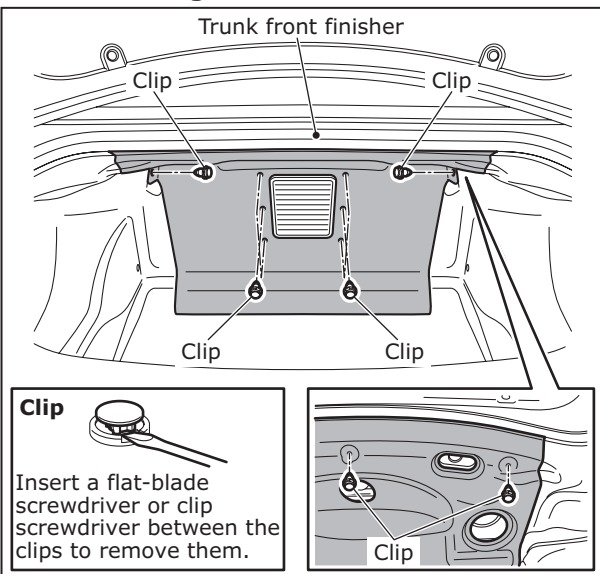
- (1) Attach protective tape to the rear fenders (LH/RH) and rear bumper fascia to protect the paintwork.

9-2. Removing the Trunk Rear Finisher



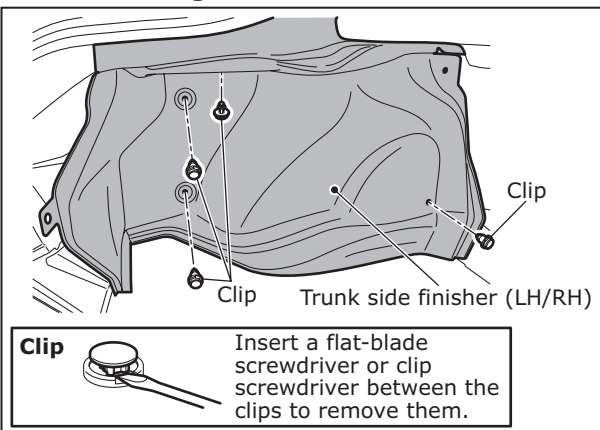
- (1) Remove the trunk weather strip.
- (2) Unclip clip (A) and clip (B) on the trunk rear finisher.
- (3) Release the trunk rear finisher's metal clip fittings and lift it upwards out of the vehicle.

9-3. Removing the Trunk Front Finisher



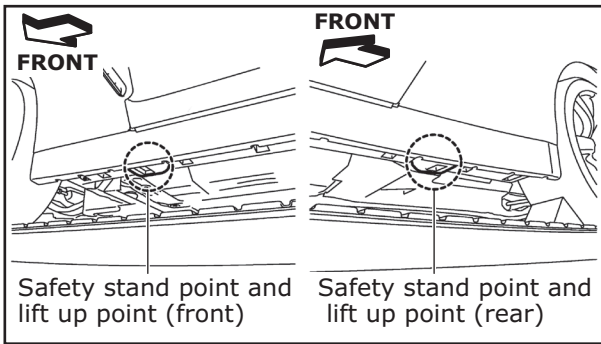
- (1) Remove the trunk front finisher's clips to detach it.

9-4. Removing the Trunk Side Finishers



- (1) Remove the trunk side finisher's clips to detach it.
- (2) Remove the trunk's floor carpet.

9-5. Jacking Up the Vehicle

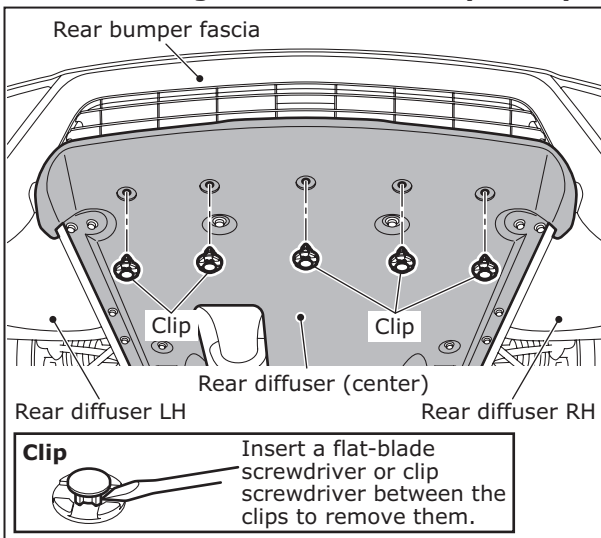


- (1) Jack up the vehicle.

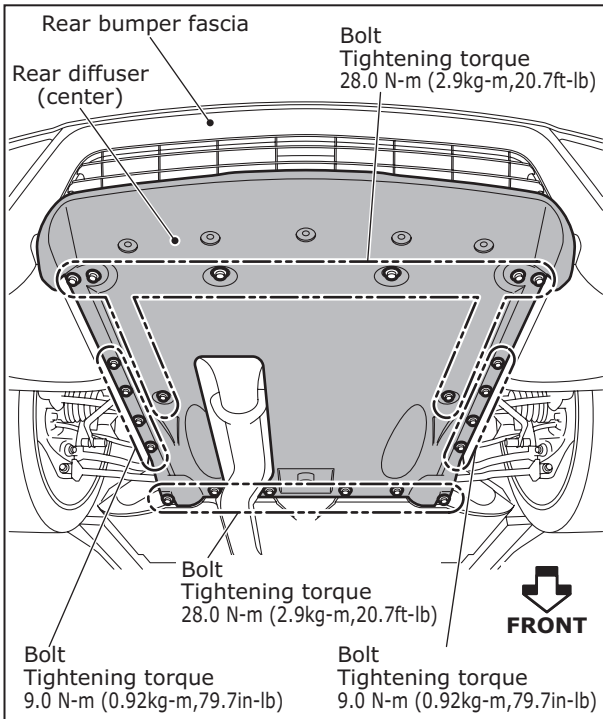
CAUTION

- Park the vehicle on a level surface when using the jack. Check to avoid damaging pipes, tubes, etc. under the vehicle.
- Never get under the vehicle while it is supported only by the jack. Always use safety stands when you have to get under the vehicle.
- Place wheel chocks at both front and back of the wheels on the ground.
- When lifting the vehicle, open the lift arms as wide as possible and ensure that the front and rear of the vehicle are well balanced.
- When setting the lift arm, never allow the arm to contact the brake tubes, brake cable, fuel lines and sill spoiler.

9-6. Removing the Rear Diffuser (Center)



- (1) Remove the clips attached to the bottom of the rear bumper fascia.

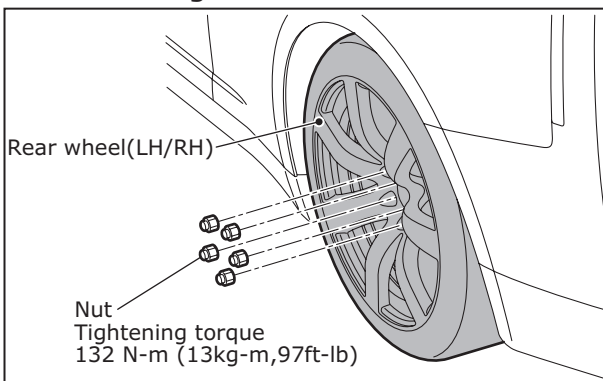


- (2) Remove the bolts securing the rear diffuser (center).
- (3) Remove the rear diffuser (center).

CAUTION

- Never apply any chemical products like wax, coating agent, and compound for carbon parts. They are produced by composite manufacturing methods similar to a racing vehicle and special paint is adopted to enhance the look and feel of materials. (Otherwise, water may penetrate to carbon layers and may cause corrosion.)
- Never place any carbon parts directly on the ground. Always protect them using a soft sheet during removal, installation, and replacement operations. Never touch carbon parts with oily hands or allow oil or grease to get on them.
- When rear diffuser mounting bolt is removed, check for surface treatment peel off and oxidation of mounting bolt and washer so that electric corrosion is prevented.
- Regarding mounting bolt and washer with surface treatment peel off, paint contact surface of washer and carbon using touch pen or others. By doing so, mounting bolt and washer are reusable. However, regarding oxidation, never reuse.
- Visually check the clips for deformation and damage at installation. Replace with new ones if necessary.
- Always tighten the mounting bolts to the specified torque.

9-7. Removing the rear wheels

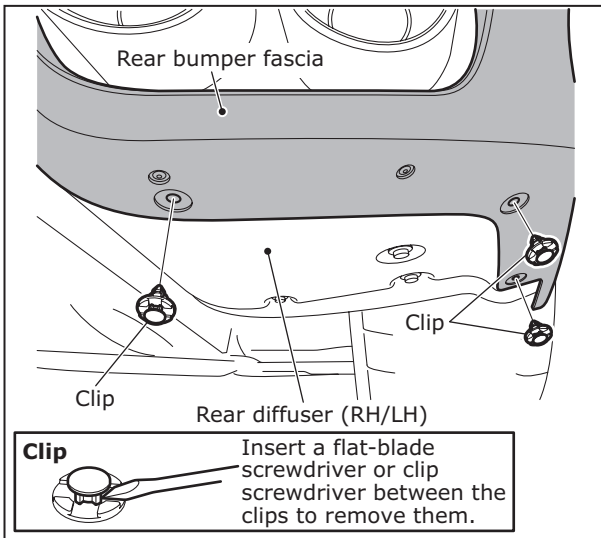


- (1) Remove the wheel nuts.
- (2) Remove the rear wheels (LH/RH).

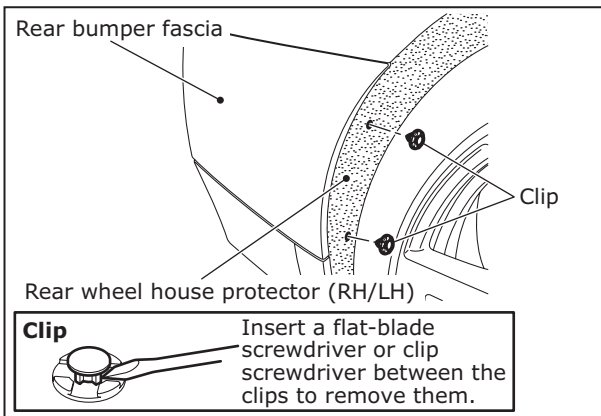
CAUTION

- Use caution when handling the aluminum wheels, because they can be easily scratched. When removing dirt, do not use any abrasives, a wire brush, or other items that may scratch the coating. Use a neutral detergent if a detergent is needed.
- Be careful of the oil that contacts bolt and nut threads, or the nut seat.
- Never use power tools when working with the lock nuts.
- Tighten the wheel nuts when the wheel is cold to the specified torque 132 N·m (13 kg·m, 97 ft·lb).
- When installing or removing the road wheels to from the vehicle, be careful of scratches due to contact between the road wheels and the hub bolts, brake calipers, brake rotors, brake tubes, brake hoses, or other parts.

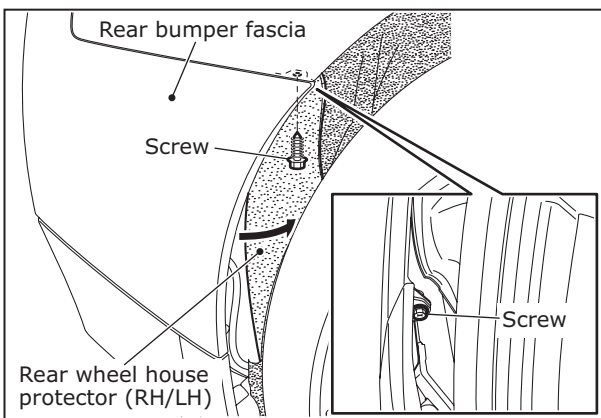
9-8. Removing the Rear Bumper Fascia



- (1) Remove the clips attached to the bottom of the rear bumper fascia.



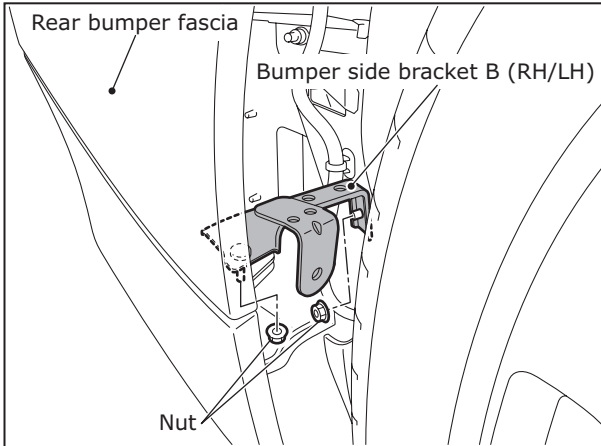
- (2) Remove the clips attached to the rear wheelhouse protectors (RH/LH).



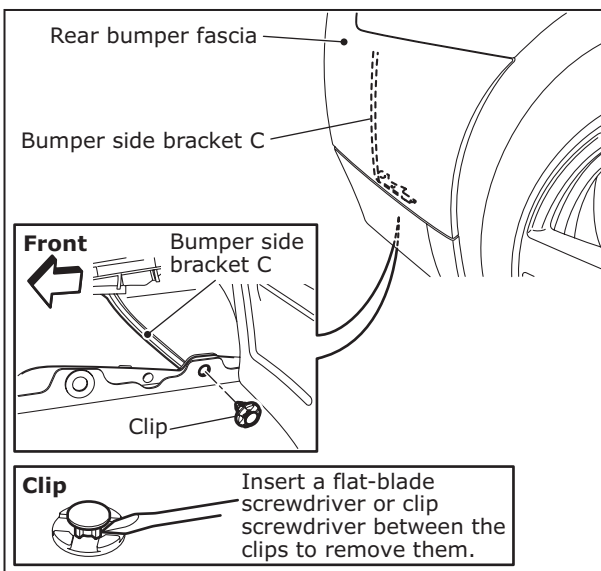
- (3) Pull back the rear wheelhouse protectors (RH/LH) to make space, and then remove the screws on both sides of the rear bumper fascia.

Rear View Monitor Kit

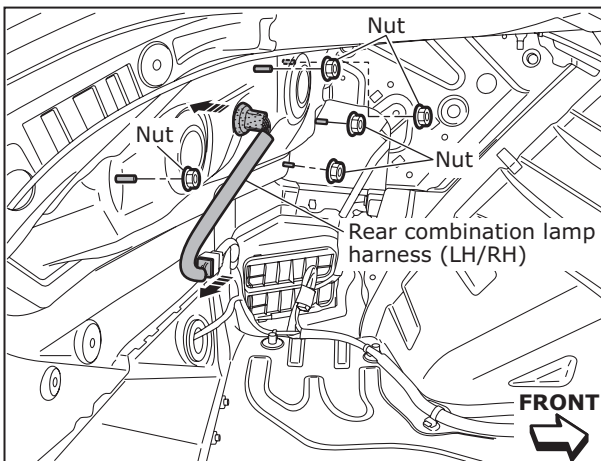
GT-R



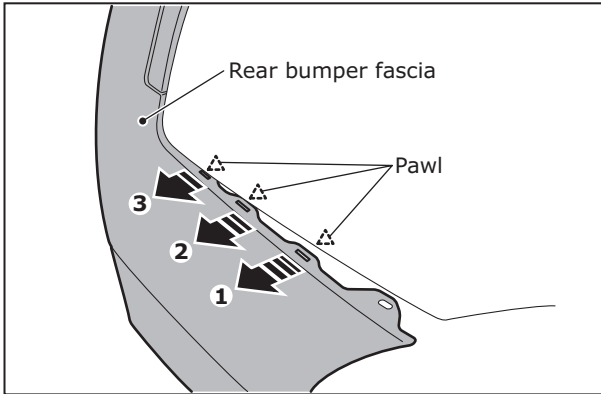
- (4) Remove the nuts securing the rear bumper fascia to bumper side brackets B (RH/LH).
- (5) Remove the nuts securing the bumper side brackets B (RH/LH) to the vehicle side to detach them.



- (6) Remove the clips securing the rear bumper fascia to bumper side brackets C (RH/LH).



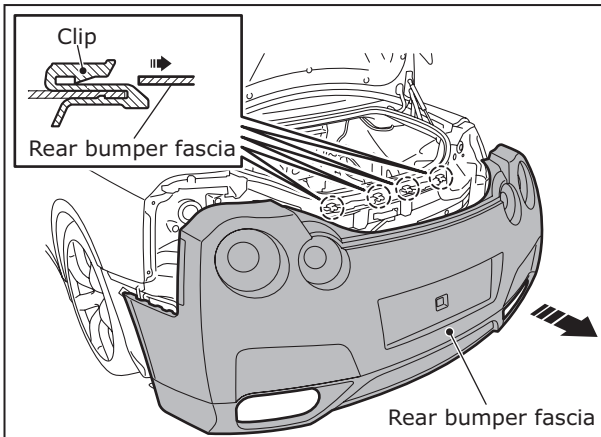
- (7) Remove the nuts securing the rear combination lamps (LH/RH).
- (8) Remove the nuts securing the side marker lenses (LH/RH).
- (9) Disconnect the rear combination lamp harness connectors (LH/RH).
- (10) Push the grommets on the rear combination lamp harnesses (LH/RH) to the outside of the vehicle to remove them.



- (11) Pull both sides of the rear bumper fascia sequentially to the sides of the vehicle as shown in the diagram on the left in the order of 1-3, and then detach from the pawl attachments of the bumper side brackets.

CAUTION

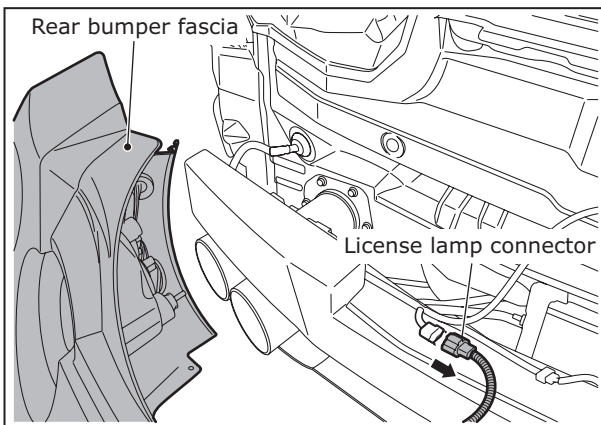
Make sure the pawls of the rear bumper fascia and the pawl attachments of the bumper side bracket are not damaged during removal.



- (12) Pull the rear bumper fascia to the rear of the vehicle and detach from the clips of the rear bumper upper frame.

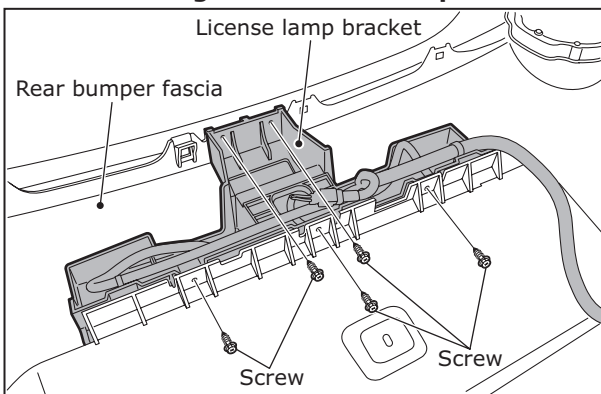
CAUTION

Rear bumper fascia attachment and detachment is to be carried out by two people to avoid dropping it.



- (13) Disconnect the license lamp connector.
- (14) Remove the rear bumper fascia.

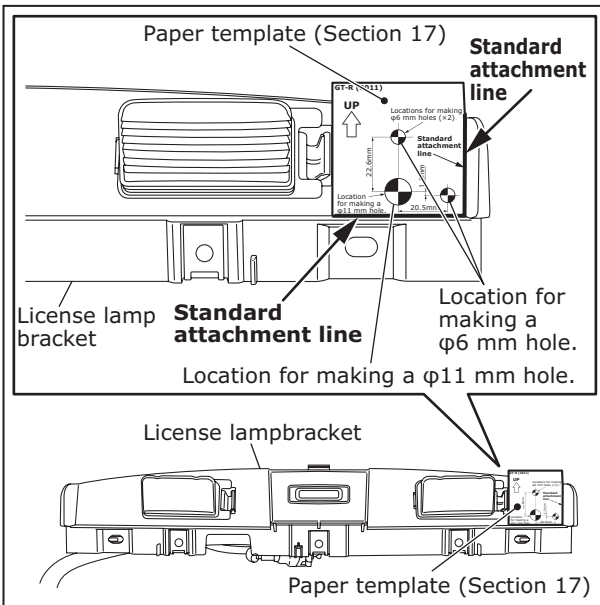
9-9. Removing the License Lamp Bracket



- (1) Remove the screws securing the license lamp bracket.
- (2) Remove the license lamp bracket from the rear bumper fascia.

10. ATTACHING THE CAMERA

10-1. Making Holes

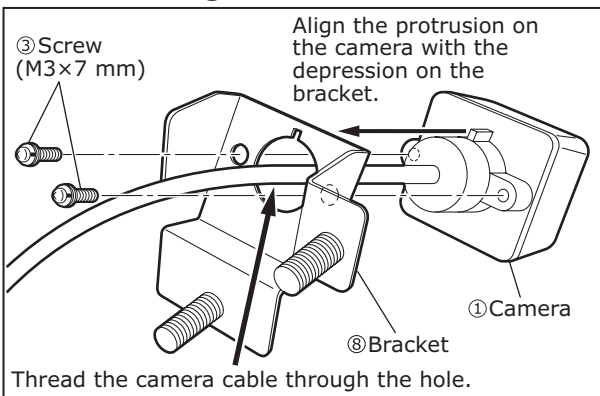


- (1) Cut out the paper template on page 18 of 18 with a box cutter or similar tool.
- (2) Align the standard attachment line on the paper template to corner of the license lamp bracket and stick it in place.
- (3) Make $\phi 6$ mm and $\phi 11$ mm holes in accordance with the directions on the paper.

⚠ CAUTION

Stick the paper template (Section 17) in place, making sure it is correctly oriented.

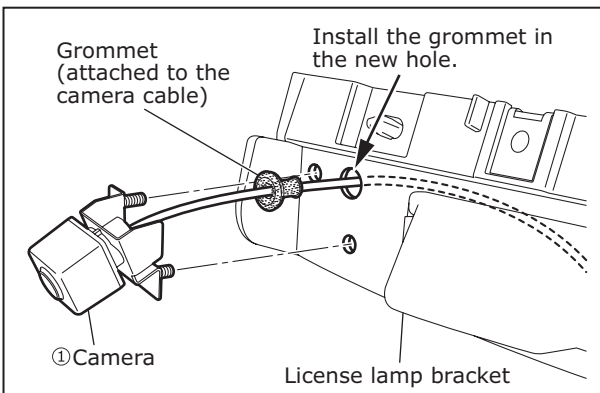
10-2. Attaching the Camera



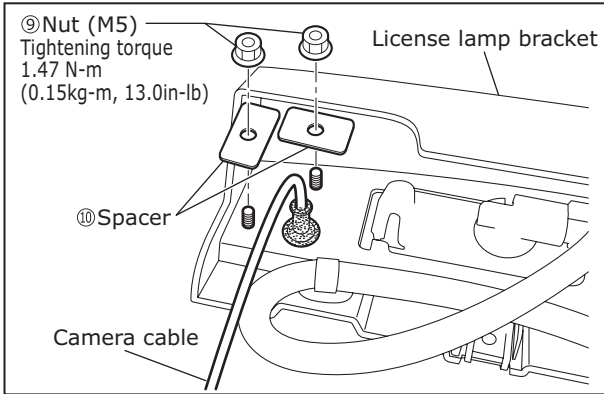
- (1) Thread the cable leading from camera ① through the hole in bracket ⑧, and then secure camera ① to bracket ⑧ with screws ③ (M3×7 mm.)

⚠ CAUTION

Align the protrusion on the camera with the depression on the bracket and secure it in place.



- (2) Thread the cable leading from camera ① through the hole (11 mm) in the license lamp bracket.
- (3) Install the grommet in the hole (11 mm) in the license lamp bracket.
- (4) Insert camera ① into the license lamp bracket.

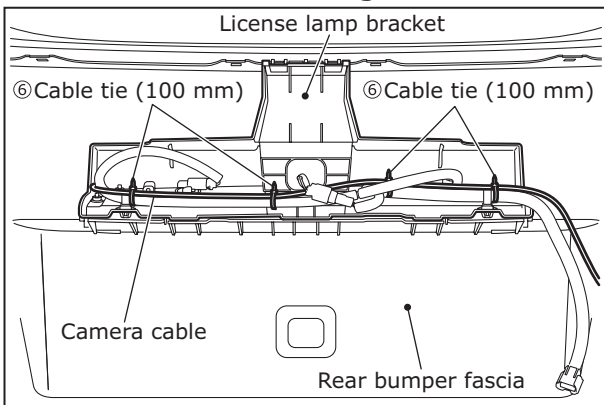


- (5) Attach spacers ⑩ to the stud-bolts on bracket ⑧.
- (6) Secure camera ① onto the license lamp bracket with nuts ⑨ (M5.)

NOTE

- Tighten the nuts ⑨ (M5) to an approximate torque of 1.47 N·m (0.15 kg·m, 13.0 in·lb), using thread locker [equivalent to the Pit Work product (Part No. KA420-89904)].
- Install the camera ① so that it is perfectly straight when seen from the back of the vehicle.

10-3. Camera Cable Wiring



NOTE

Avoid scratches to rear bumper fascia when installing license lamp bracket with camera ①.

- (1) Reattach the license lamp bracket onto the rear bumper fascia.

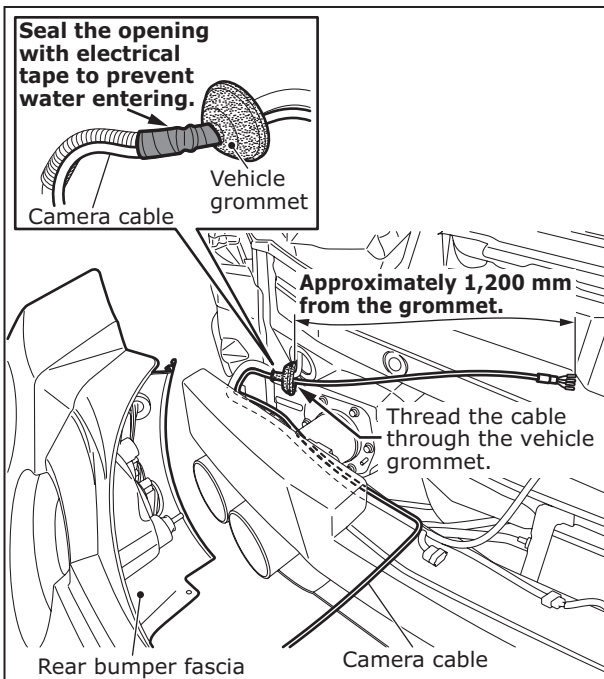
CAUTION

Make sure care is taken to avoid scratching the camera ① lens when reattaching the license lamp bracket.

- (2) Fix the camera cable to the license lamp cord with cable ties ⑥ (100 mm.)
- (3) Remove the vehicle grommet on the license lamp cord on the left-hand side of the rear panel.
- (4) Remove the taping from the vehicle grommet and thread the camera cable through it.
- (5) Make sure that 1,200 mm of the camera cable protrudes from the vehicle grommet.
- (6) Wrap tape around the insertion end of the vehicle grommet cord to protect it from water.

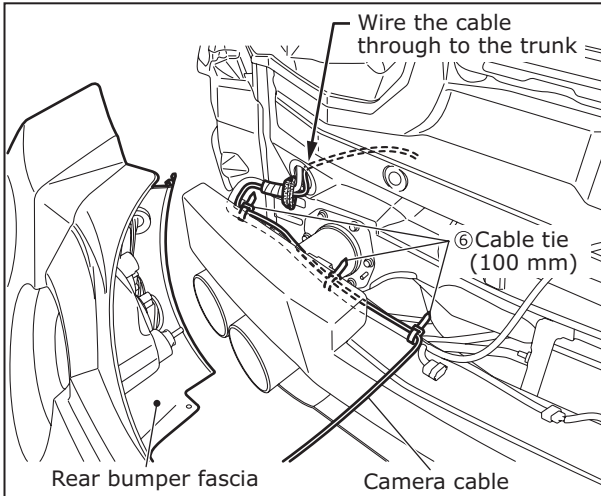
CAUTION

Make sure the insertion end of the vehicle grommet cord is firmly taped. Failure to observe this may result in water leaks.



Rear View Monitor Kit

GT-R

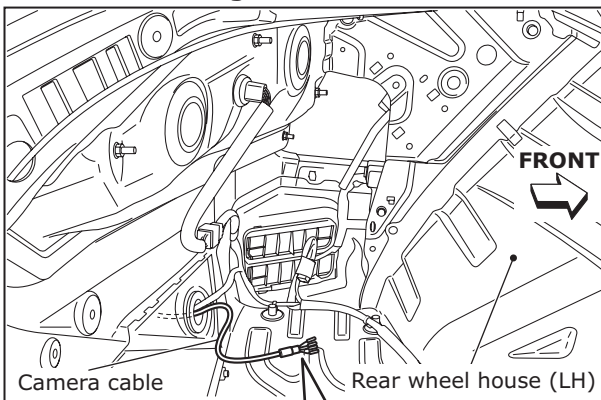


- (7) Fix the camera cable to the license lamp cord with cable ties Ⓞ (100 mm.)
- (8) Pull the camera cable through to the trunk room and return the vehicle grommet to its original location.

⚠ CAUTION

Make sure the vehicle grommet is firmly restored to place. Failure to observe this may result in water leaks.

10-4. Connecting the Camera Cable



- (1) Remove the tube from the end of the camera cable.

⚠ CAUTION

Do not exert excessive force or pull the protective tube when removing it. Failure to observe this may result in terminal damage, wire severance or faulty contacts.

- (2) Lift up the connector housing ② lock.
- (3) Insert the camera cable terminals into the connector housing ② until they click and lock into place, as shown in the diagram on the left.

NOTE

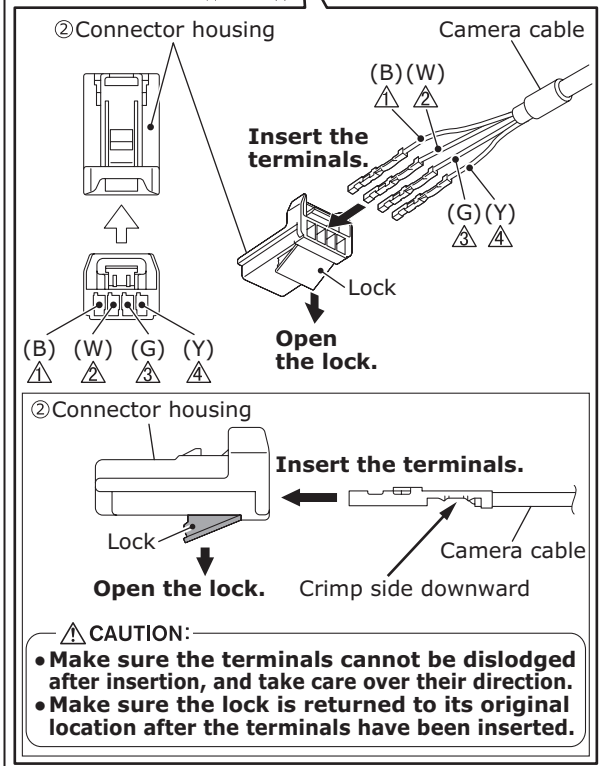
- This shows a code for the color of the wire.

(B) = Black (W) = White
(G) = Green (Y) = Yellow

⚠ CAUTION

- Make sure the terminals cannot be dislodged after insertion, and take care over their direction.
- Make sure the terminals are inserted into the correct locations. Failure to observe this may result in malfunctions.

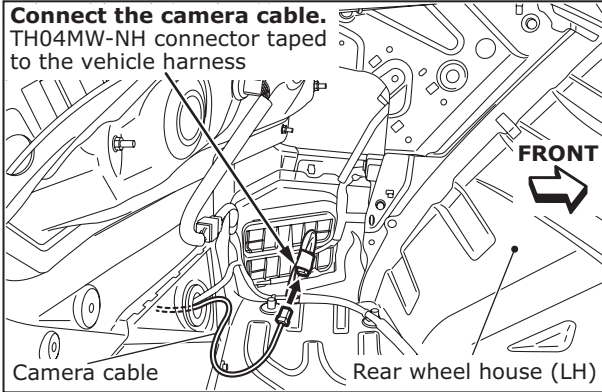
- (4) Press down on the open lock until it is firmly locked in place on the connector housing ②.



Rear View Monitor Kit

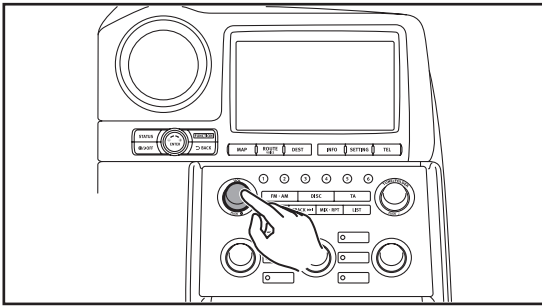
GT-R

Connect the camera cable.
TH04MW-NH connector taped
to the vehicle harness

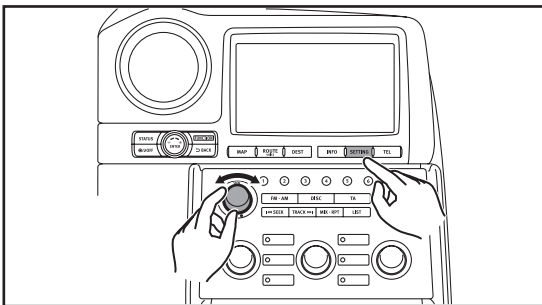
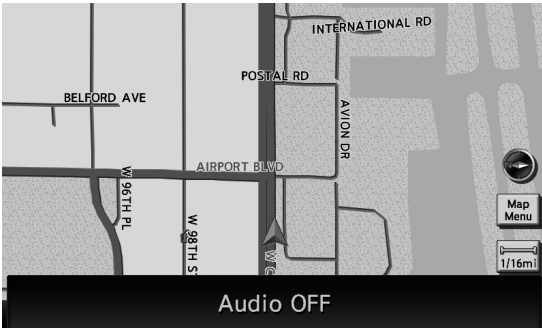


- (5) Connect the camera cable to the TH04MW-NH connector taped on the vehicle harness as shown in the diagram on the left.

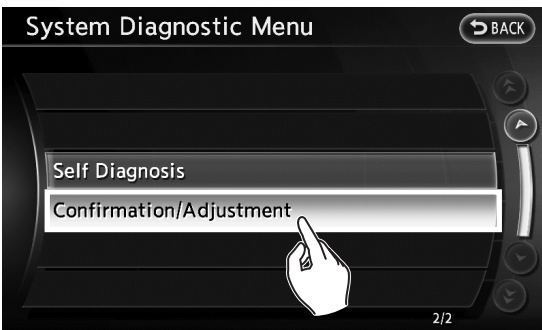
11. OPERATION CHECK:



- (1) Connect the battery negative terminal.
- (2) Start the engine.
- (3) Press the **PUSH** ⏻ switch on the A/V operation panel to switch **OFF** the audio.



- (4) Press down on the **SETTING** switch on the navigation panel with the audio switched off, and then turn the **VOL** dial on the A/V operation panel more than 40 clicks clockwise or counterclockwise until **[System Diagnostic Menu]** is displayed.
(A beep will sound when the diagnostics function has been activated.)

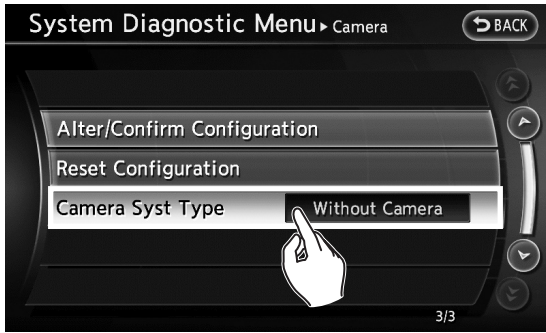


- (5) Touch the **[Confirmation/Adjustment]** switch on the **[System Diagnostic Menu]**.

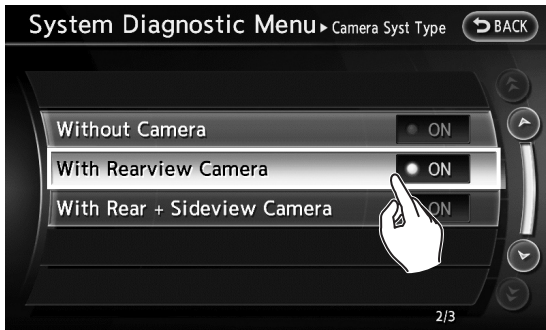
• The items displayed on the screen will differ in accordance with the options connected. Press the scroll buttons (⏴ and ⏵) to scroll through the available items and touch the required switch when located.



- (6) Touch the ⏴ or ⏵ button on the **[System Diagnostic Menu > Confirmation/Ad...]** screen to scroll the menu. Then touch the **[Camera]** switch.



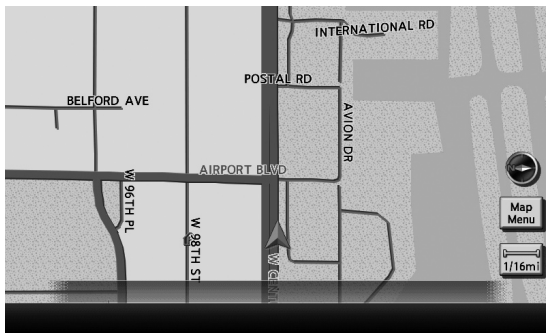
(7) Touch the **[Camera Syst Type]** switch on the **[System Diagnostics Menu ▶ Camera]** screen.

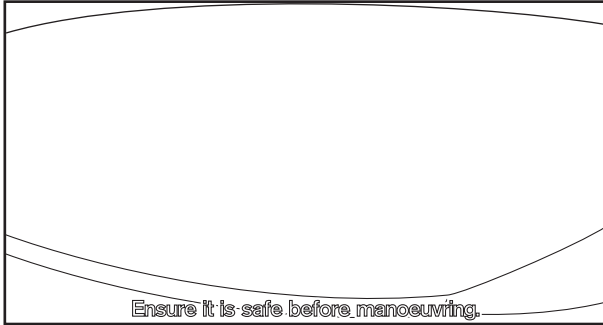


(8) Touch the **[With Rearview Camera]** switch on the **[System Diagnostics Menu ▶ Camera Syst Type]** screen to illuminate the **[ON]** indicator.



(9) Once the **[ON]** indicator has been illuminated, press the **[BACK]** switch on the navigation panel four times to display the map screen.

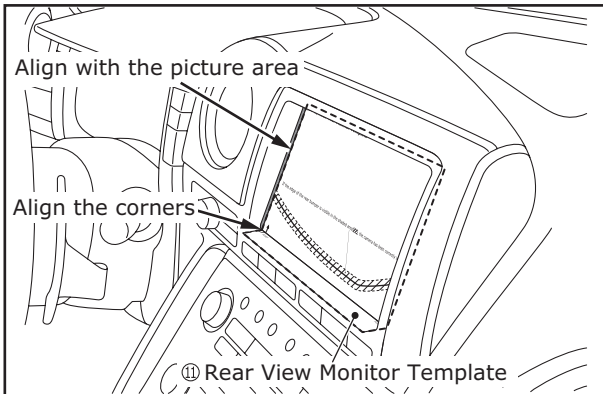




- (10) Set the gear shift lever in the R (reverse) position once the map screen has been displayed and check the camera display.
 - If the camera image doesn't display (a blue screen appears), check whether the camera cable terminal is correctly inserted into the connector housing ②.

⚠ CAUTION

Do not leave the gear shift lever in the R (reverse) position more than one minute.

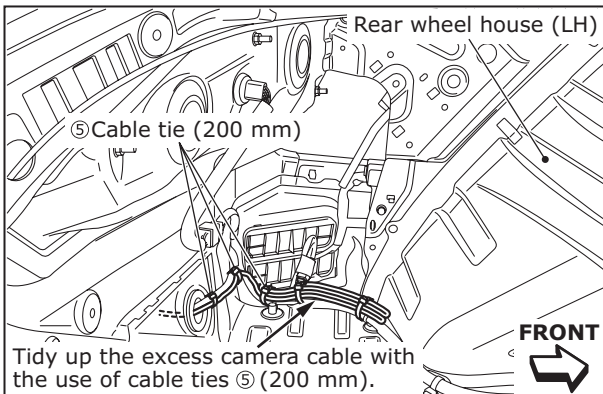


- (11) Fold the Rear View Monitor Template ⑪ along the dotted lines.
- (12) Place the Rear View Monitor Template ⑪ against the display and check that the edge of the rear bumper is visible in the shaded area ▨. If not, check the following.
 - Are the holes in the license lamp bracket in the right place?
 - Has the license lamp bracket been reattached in the correct position onto the rear bumper fascia?

⚠ CAUTION

Do not leave the gear shift lever in the R (reverse) position more than one minute.

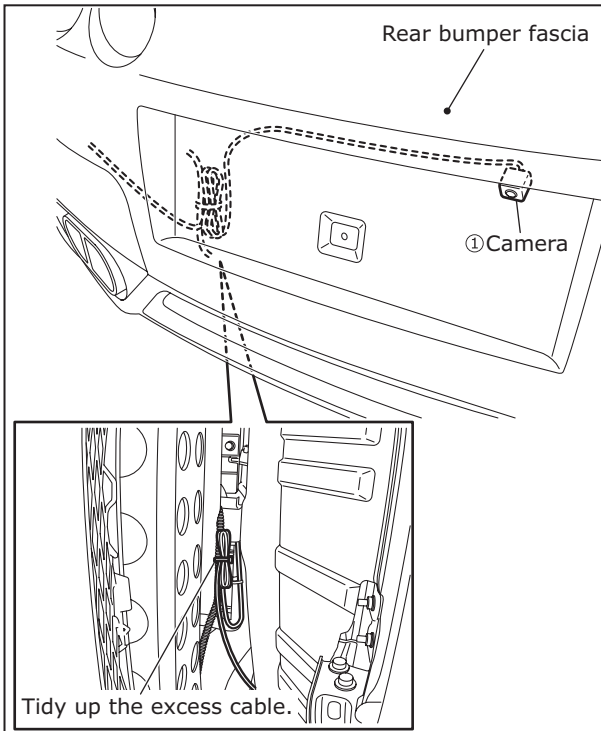
12. Tidying Up the Excess Camera Cable



- (1) Lay the camera cable alongside the vehicle harness and secure it in position with cable ties ⑤ (200 mm).
- (2) Tidy up the excess camera cable by attaching it to the vehicle harness with the use of cable ties ⑤ (200 mm).

Rear View Monitor Kit

GT-R



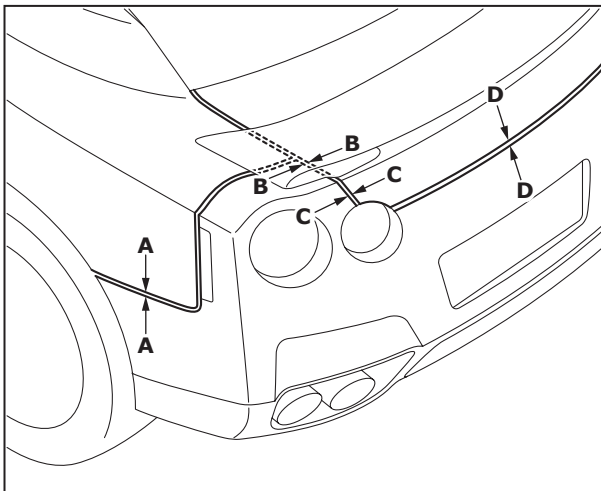
- (3) Reattach the rear bumper fascia.

CAUTION

Make sure that the camera cable is not caught when reattaching the rear bumper fascia.

- (4) Tidy up the excess camera cable by attaching it to the vehicle harness with the use of cable ties ⑤ (200 mm).

13. CLEARANCE BETWEEN REAR BUMPER AND EACH UNIT:



- (1) Adjust the positioning of the rear bumper fascia and adjoining parts in accordance with the following clearance table.

| Portion | | Clearance | Surface height difference |
|-----------------------------|-------|---------------------------------|-----------------------------------|
| Rear bumper and rear fender | A - A | 0.0 - 0.8 mm (0.000 - 0.031 in) | -1.8 - 0.2 mm (-0.071 - 0.008 in) |
| Rear bumper and trunk lid | B - B | 2.0 - 6.0 mm (0.079 - 0.236 in) | -2.0 - 1.0 mm (-0.079 - 0.039 in) |
| Rear bumper and trunk lid | C - C | 2.5 - 6.5 mm (0.098 - 0.256 in) | -1.9 - 1.9 mm (-0.075 - 0.075 in) |
| Rear bumper and trunk lid | D - D | 4.0 - 8.0 mm (0.157 - 0.315 in) | — |

14. CAUTION ITEMS AFTER INSTALLATION:

- Reinstall the parts you removed back to their original position.
- Make sure that the harness is not pinched or squeezed when reinstalling parts back to their original position.

15. REINSTALLATION OF REMOVED PARTS:

- (1) Re-install all removed vehicle parts referring to the service manual for the vehicle.

⚠ CAUTION

Use caution when re-installing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle specific service manual for more information.

- (2) Clean interior of vehicle.

16. FINAL INSPECTION:

- (1) Inspect the vehicle interior and exterior for damage.
- (2) Confirm proper operation of vehicle systems.
- (3) Reset radio presets to the recorded settings.
- (4) Check the vehicle's service manual and adjust or re-initialize the vehicle's electrical parts if necessary.
- (5) Place the Owners Manual in the glove box.
- (6) Check the trim for a proper flush fit after re-installing the interior components.

17. PAPER TEMPLATE:

Tear the paper template out along the perforated lines for use in section [10-1. Making Holes].

