

Toyota Genuine

Foot Lamp

Installation Manual

Thank you for purchasing the Toyota Genuine Foot Lamp Accessory Kit.

This manual explains how to install this kit.

Please be sure to read this manual beforehand for proper installation.

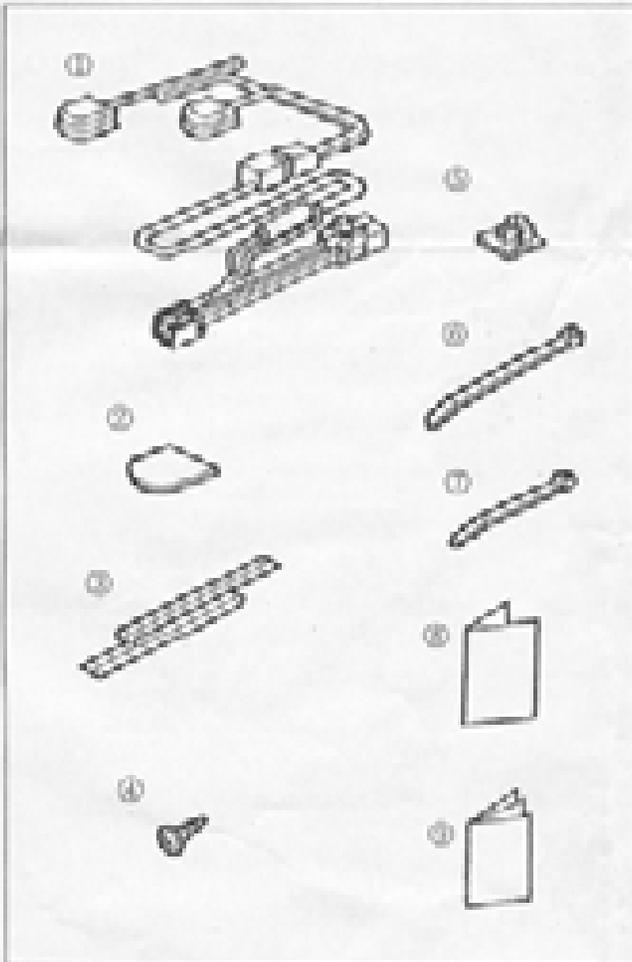
Parts No.

Parts No. 08527-47030

Components

Note:

This Manual has been adapted for Left Hand Drive vehicles.



No.	Parts Name	Parts No.	Qty
①	Foot Lamp Assembly		1
②	Double-Sided Tape Pad		2
③	Vinyl Plastic Tie (Black)		1
④	Screw, Self-Tapping		2
⑤	Clip, Shell		1
⑥	Wire Tie, Large (White)		1
⑦	Wire Tie, Small (White)		4
⑧	User Operation Manual		1
⑨	Installation Manual		1

Channel Supply Number	08512-00110	1
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Tools for Installation

General tools in a toolbox set, Scissors or clipper, nipper, vinyl plastic electrical tape, small punch/awl/scraper

Before Installation

Turn off the vehicle using the ignition key. Be sure all accessories are off.

Precautions for Installation

- This manual uses the following marks to remind you of the points for safe installation:
 -  **Caution** - The points that prevent you from having accident or injury.
 -  **Advice** - The points for a speedy and/or efficient installation.
- Keep track of all parts that have been disassembled and removed from the vehicle. Do not mix up parts and screws. Treat all disassembled parts with care.

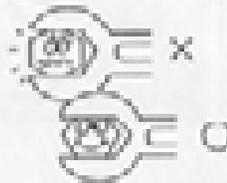
Before Installation

- Disconnect Negative (-) side of the battery.



For Assembly

- Use the proper equipment.



Be careful about back side. Do not cut cables accidentally.



Be careful not to pinch cables

For Cables

- Do not pull on cables to disconnect connectors.



- Protect sharp edges with tape.



- Use clamps to bind cables.



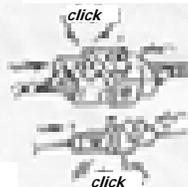
Use vehicle wiring harnesses as attaching points to bind cables.

- Avoid water and wet locations.



Be sure to waterproof installation when using grommets.

- Be sure to mate connectors firmly.



- Put harness in proper before reassembling all parts.



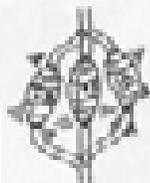
For Clamps

- Do not squeeze too tightly.

- Be sure the end of the clamp does not touch other harnesses.

- Cut excess clamp material away.

- Clamp connectors securely to prevent rattles and noise.



After Installation

- Put all parts back to their original



Caution:

When battery is reconnected, be sure not to give an electrical shock to the airbag sensor circuitry.

Left Hand Drive
Model Shown

Power Supply (B+, CTY, GND)
6-Pin Connector

Timer Case

Foot Lamp Lead
for Passenger Side

Double-Sided Adhesive
Tape Pad

Vinyl Tie (Black)

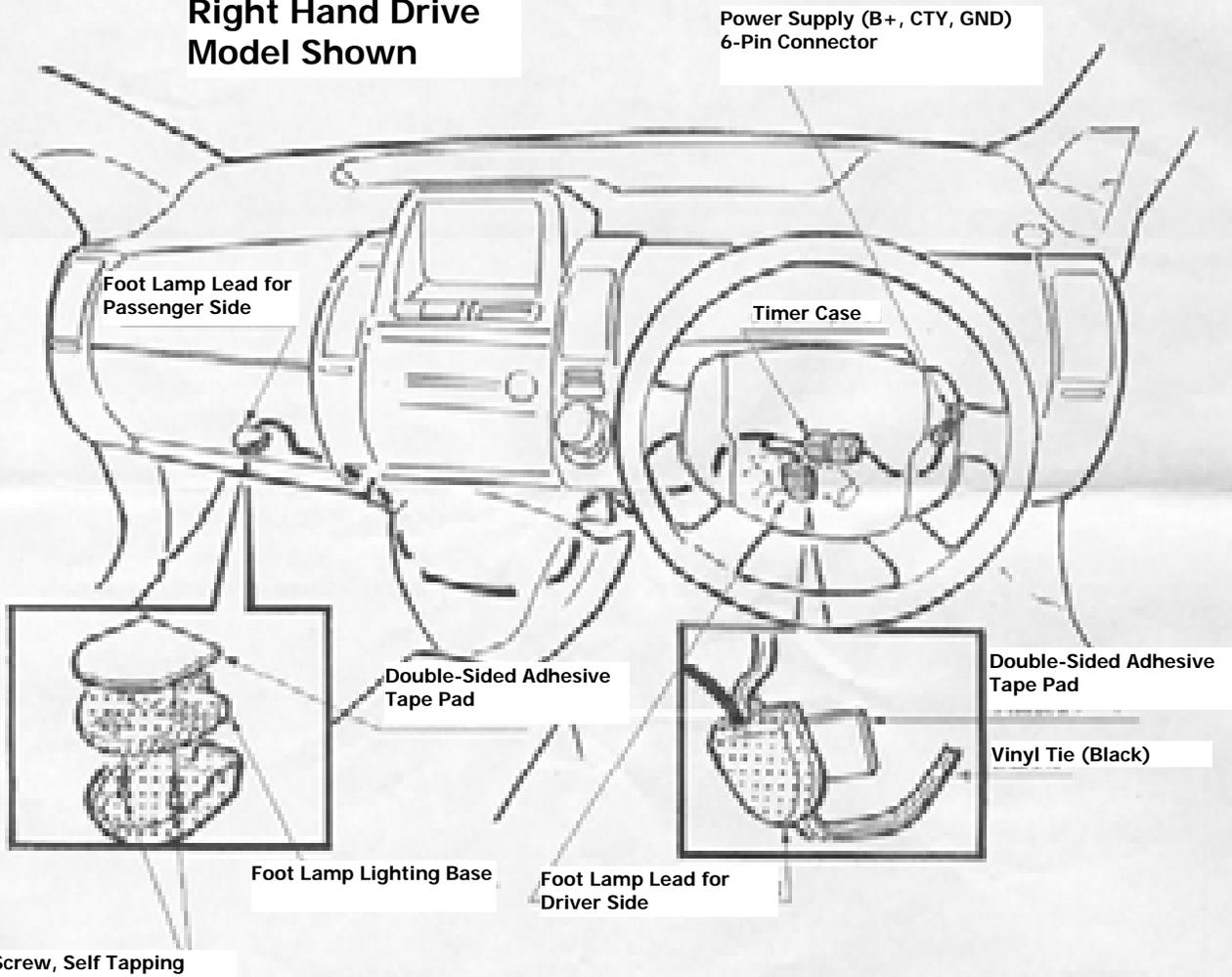
Double-Sided
Adhesive Tape Pad

Foot Lamp Lead for
Driver Side

Foot Lamp Lighting Base

Screw, Self Tapping

Right Hand Drive
Model Shown

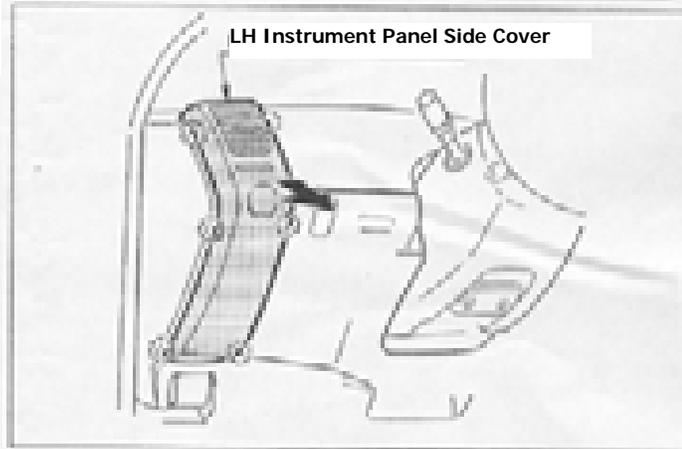


1. Disassembly of Parts

(1) Remove the Left Hand Instrument Panel Side Cover

Pull the cover toward the direction of the arrow, then take off the Left Hand Instrument Panel Side Cover.

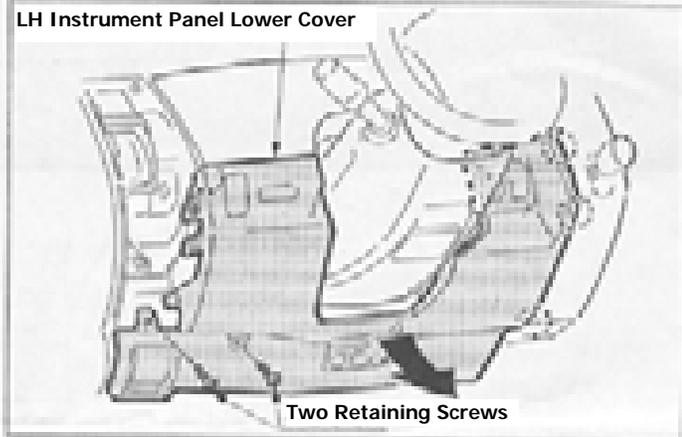
Clips are located as per diagram in six (6) locations.



(2) Remove the Left Hand Instrument Panel Lower Cover

Unscrew the two screws as shown in the diagram, pull the cover toward the direction of the arrow, and then take off the Left Hand Instrument Panel Lower Cover.

Clips are located as per diagram in four (4) locations.



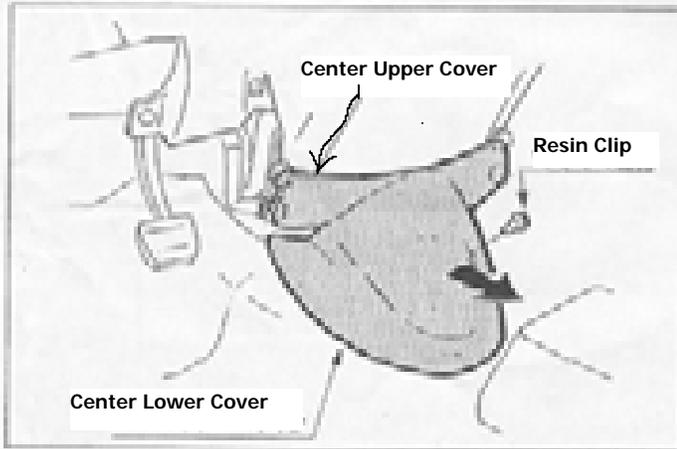
(3) Remove the Center Lower Cover (hump)

Unhook the one resin clip located at the point that is shown in the diagram, pull the cover toward the direction of the arrow, and then take off the Center Lower Cover.

(4) Remove the Center Upper Cover

Pull the cover toward the direction of the arrow, and then take off the Center Upper Cover.

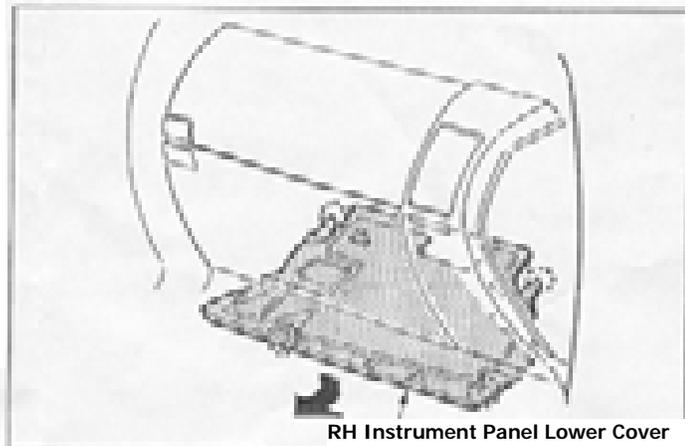
Clips are located as per diagram in four (4) locations.



(5) Remove the Right Hand Instrument Panel Lower Cover

Pull the cover located beneath the glove compartment toward the direction of the arrow and then take off the RH Instrument Panel Lower Cover.

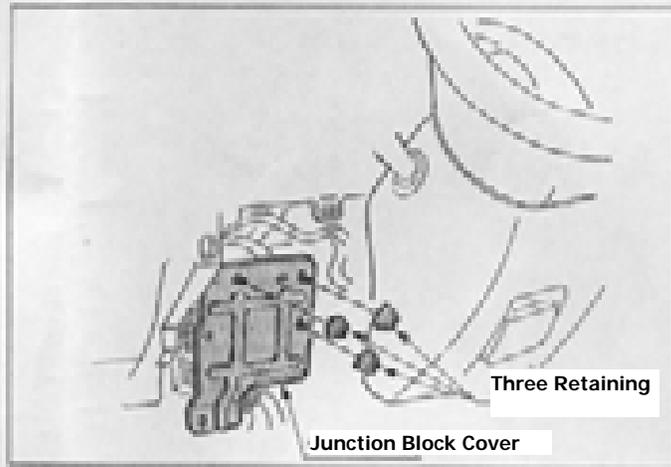
Clips are located as per diagram in four (4) locations.



(6) Remove the Wiring Junction Block Protective Metal Cover

Remove the three 10mm hex nuts located as in the diagram that hold down the Wiring Junction Block Metal Protective Cover, then remove the cover.

Hex nuts are located as per diagram in three (3) locations.

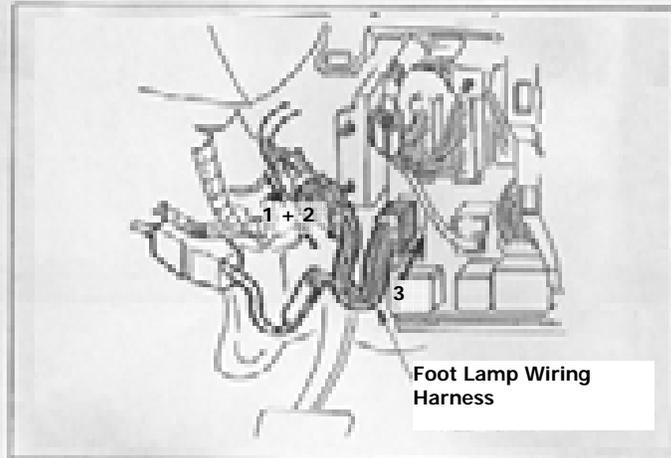


2. Wiring Installation of the Kit

(1) Locate the wire harness in the lower left of the junction block. It has three wires (red, white/black trace, blue/gold trace) with a white six pin connector. Squeeze the tab on the six-pin white connector and remove it from the socket on the wiring junction block.

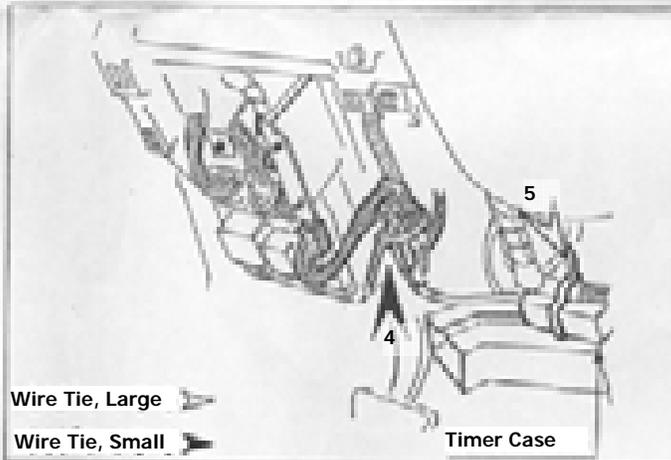
(2) Insert the male car wiring harness connector into the female accessory kit wiring harness receptacle.

(3) Insert the male accessory kit wiring harness connector into the junction block plug where the male car wiring harness connector was removed.



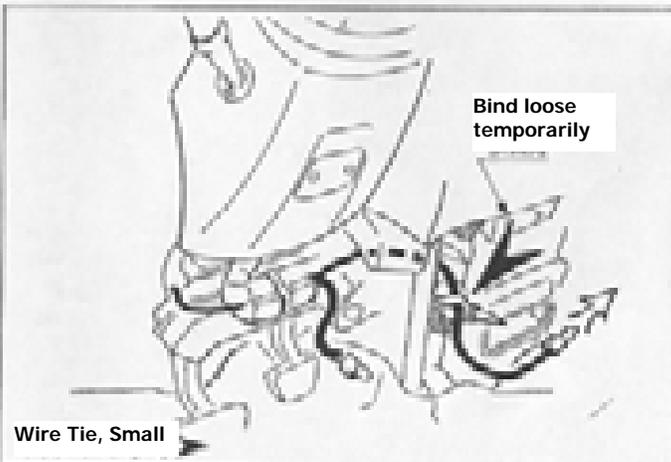
(4) Fasten the car wiring harness/accessory wiring harness connectors and fuse holder to car wiring harness as shown in the diagram with a small wire tie.

(5) Fasten the timer case to car wiring harness as shown in the diagram with large wire tie. Use the indentation in the middle of this circuit box when securing the wire tie.



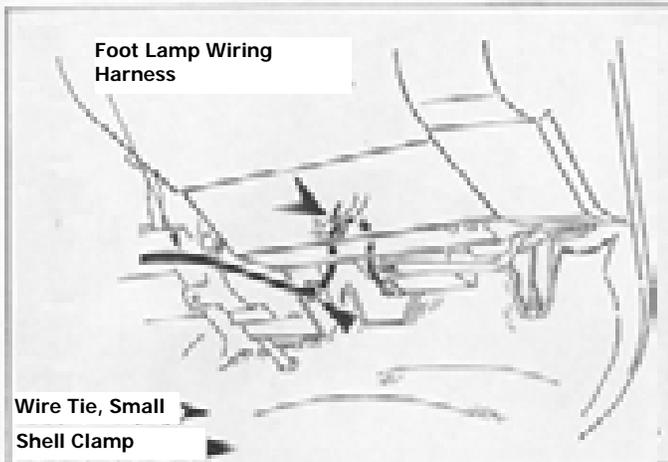
(6) Cable the shorter lead of the Foot Lamp Wiring Harness to the driver side as shown in the diagram.

(7) Cable the longer lead of the Foot Lamp Accessory wiring harness to the passenger side as shown in the diagram.

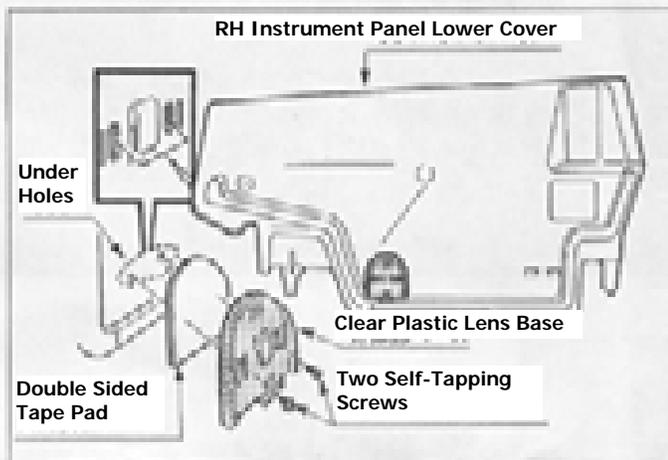


Advice

The Foot Lamp Wiring Harness will be adjusted at a later step so just bind the passenger side lead loose for now and do not fasten tightly.



(8) Attach the Foot Lamp Wiring Harness to the Blower Fan Unit under the glove box on the passenger side using the self adhesive shell clip and a small wire tie as shown in the diagram.



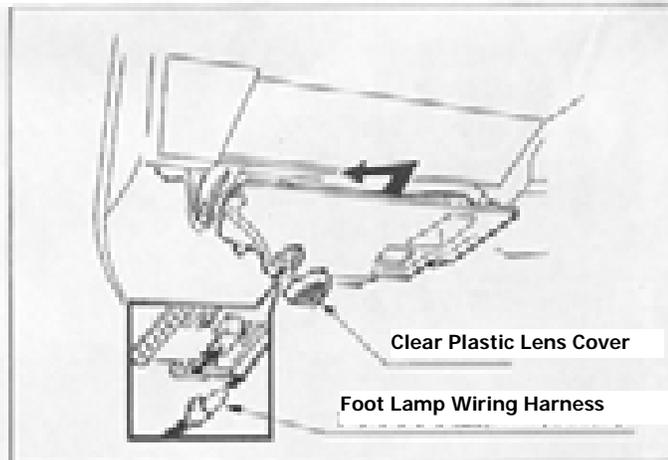
3. Assemble the Lighting Units

Passenger Side

(1) Fit the clear plastic lens base of the wire harness passenger lead as shown in the picture. Using a scribe/awl, mark the two hole points from the inner holes on the RH Instrument Panel Lower Cover. Then, make the holes.

(2) Place a Double Sides Adhesive Pad on the underside of the clear plastic lens base and affix it to the RH Instrument Panel Lower Cover.

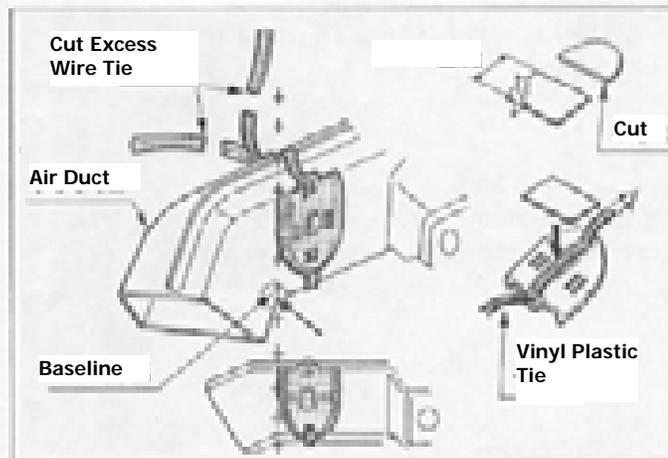
(3) Use the two self-tapping screws to mount the clear plastic lens base to the RH Instrument Panel Lower Cover.



(4) Insert the bulb socket unit to the clear lens base.

(5) Assemble the clear lens cover to the clear lens base.

(6) Reinstall the RH Instrument Panel Lower Cover in place.



Driver Side

(7) Thread the black Vinyl Plastic Wire Tie through the clear plastic lens base as shown in the diagram. Place a double sided adhesive pad on the base.

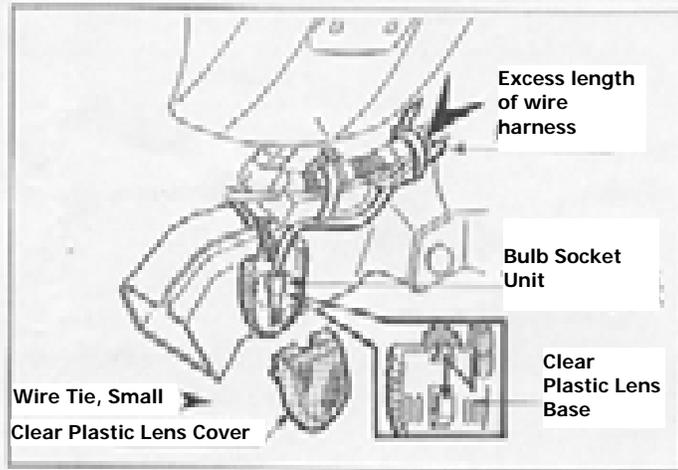
(8) Affix the clear plastic lens base on the white air duct to fit at the baseline as shown in the diagram.

(9) Wind the black Vinyl Plastic Wire Tie around the air duct as shown in the diagram and cut off excess.

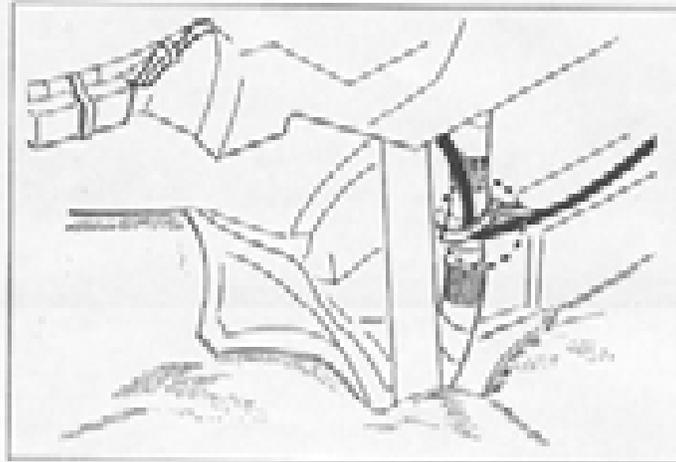
(10) Insert the bulb socket unit onto the clear plastic lens base.

(11) Assemble the clear lens cover to the clear lens base.

(12) Bind the excess Foot Lamp Wiring Harness Driver Side Lead as shown in the diagram using a small wire tie.



(13) Securely fasten the small wire tie loosely holding the passenger side wiring harness previously referenced in Step 7 of this procedure.



Final Verification

1. Verify the installation:

- (1) Check for any irregularities in your wiring and installation.
- (2) Verify that you have not over-pulled, over-pushed, or pinched and vehicle or accessory wiring harnesses.
- (3) Verify that no clamps or bands are unaffixed and no parts are all parts are fastened securely.

2. Verify the accessory foot lamp lights turn on:

- (1) Verify the ground wires are secure and make sure the foot lamps work correctly per the operation sequences stated in the Foot Lamp User Manual for the car owner.
- (2) Check that as soon as the door opens, the lights immediately turn on and the foot lamps turn off about 8 seconds after the door closes and the courtesy lights turn off.

Reassembly

1. Reinstall all dash covers that were previously removed for installation.

2. Initialize the Door Power Windows:

Turn on the ignition switch and operate each window switch at each door. Push the UP button to close windows. Keep continuously pushing the UP button over one second (keep AUTO UP) even after the window is closed and the glass is at the up stop. In case the windows are already closed before beginning this procedure, open all the windows about half way and then start the procedure.

- NOTE: Initialization is complete when lights of indicators of each door are changed from blinking to steady illuminated.

- NOTE: Initialization is complete when each door window is able to be closed and opened with the power window master switch at the driver's seat.

3. Initialize the Back Door Lock:

- (1) Close the back door.
- (2) Operate the master lock switch at the driver's seat to lock and unlock.

- NOTE: Initialization is complete when you can open the back door by hand.

4. Initialize Back Up Camera Display Monitor:

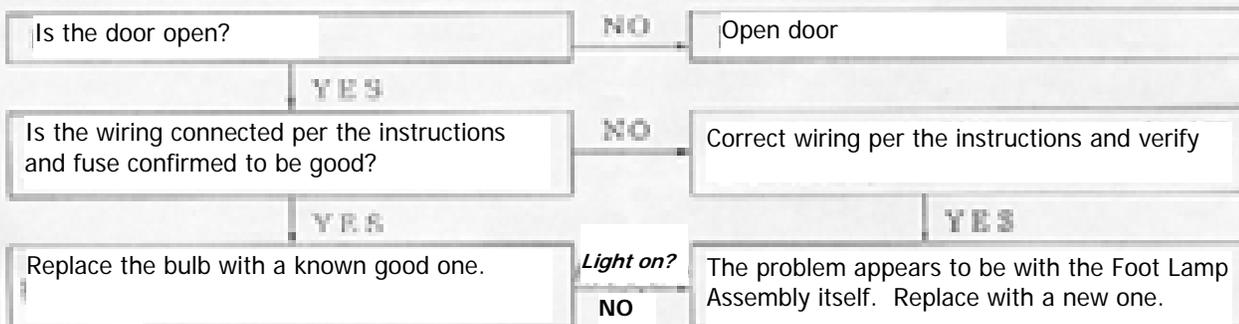
(Vehicles equipped with this accessory only.)

- (1) Turn on ignition switch.
- (2) Put gear shift lever to "R" (Reverse) while depressing the brake. The display monitor should change to the back up guide monitor.
- (3) Verify the system initialization message on the monitor screen, then turn the steering wheel fully counterclockwise to the left. Next, turn the steering wheel fully clockwise to the right.

- NOTE: Initialization is complete when the system initialization message is not displayed any longer.

Troubleshooting

1. Unable to Turn On



⚠ Caution

Do not bend any terminals in the bulb sockets when replacing bulbs. Replacing bulbs in sockets with bent terminals might break the electrical circuit of the Foot Lamp Assembly.

2 Unable to Turn Off

Are all doors completely closed?

NO

Close all doors completely. Foot Lamps should be turned off about 8 seconds after the courtesy lamps are turned off.

YES

Is the wiring connected per the instructions?

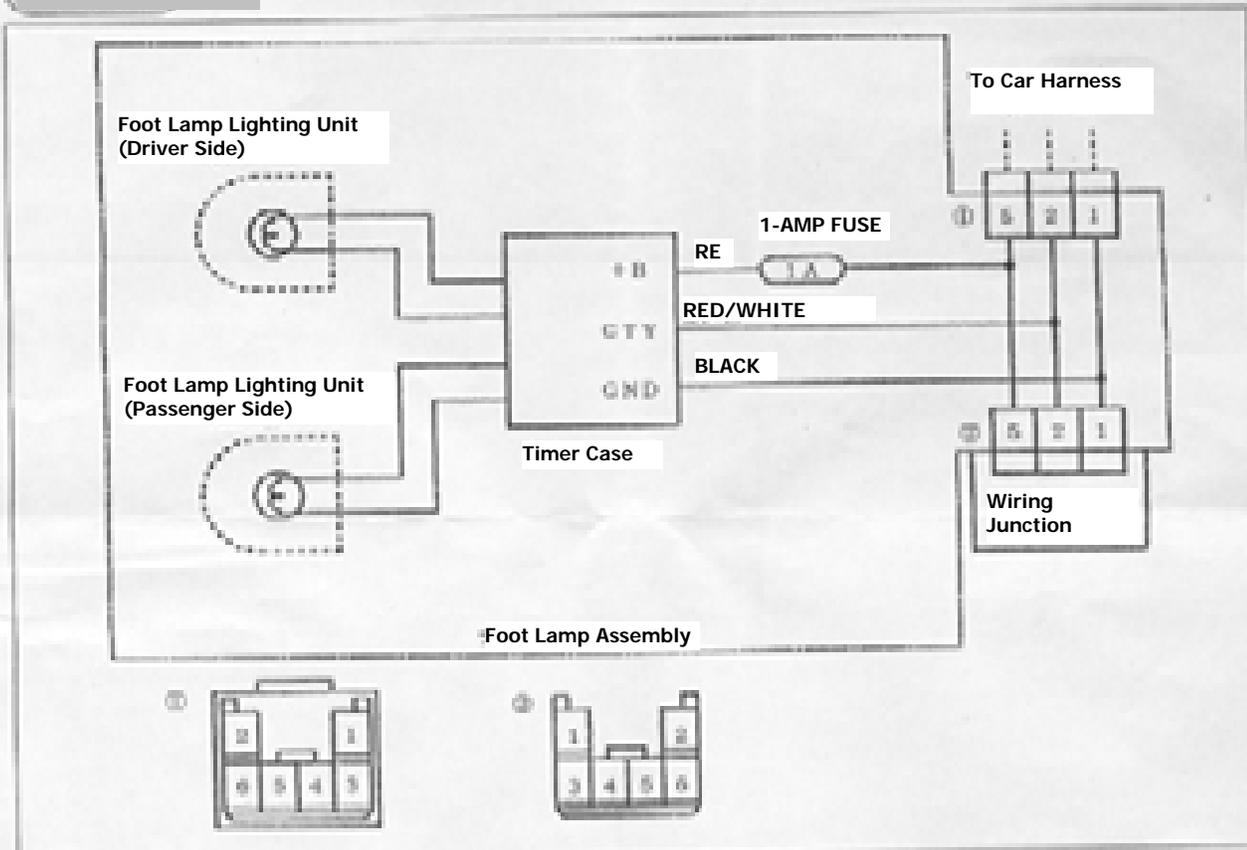
NO

Correct wiring per the instructions.

YES

The problem appears to be with the Foot Lamp Assembly itself. Replace with a new one.

Wiring Diagram



Connector Pinouts above are referenced as to the Connection Side of the connector.

Specifications

Specifications	Description
Nominal Voltage	DC 12.0V
Wattage	4.0W (2.0W x 2)
Voltage Range	10.0V ~ 16.0V
Operating Temp. Range	-20°C ~ +60°C
Bulb Type	Wedge Base Bulb
Weight	100g

Specifications are subject to change without notice.

To The Installation Vendor

- Explain how to operate the Foot Lamp function to your customers.
- Please give the Owner's Manual (separate booklet) to your customers.