Part Number: PT944-30230
PT944-48242

Kit Contents

Item #	Quantity Reqd.	Description
1	2	Side Puddle Lamp
2		
3		

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1		
2		
3		

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		
2		
3		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	**Notes**
Safety Glasses	
Safety Gloves	Optional
Vehicle Protection	Optional
Blue Painters Tape	
Special Tools	**Notes**
Plastic Pry Tool	
Installation Tools	**Notes**
Socket	10mm
Torque Wrench	48 in-lbf (5.4 N-m)
Special Chemicals	**Notes**

General Applicability

PT944-30230: MY23 and newer Crown models
PT944-48242: MY24 and newer Grand Highlander/HV models

Recommended Sequence of Application

Item #	Accessory
1	Remove OE Courtesy Lamp or Plug
2	Install Accessory Side Puddle Lamp
3	

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		
2		
3		

Legend

STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.

OPERATOR SAFETY: Use caution to avoid risk of injury.

CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

REVISION MARK: This mark highlights a change in installation with respect to previous issue.

SAFETY TORQUE: This mark indicates that torque is related to safety.

REGULATORY MARK: This mark indicates the component is related to regulatory compliance

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Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

1. Prepare for Installation

(a) Confirm Kit Contents are present.

(b) Open driver and passenger side doors.

2. Disconnect the Battery

(a) Locate and remove the negative (-) battery terminal (Fig. 2-1).

CAUTION: Do not touch the positive (+) terminal with any tool during removal.

(1) Remove the negative (-) battery terminal using a 10mm socket.

(2) Secure the negative (-) battery terminal so that it does not make intermittent contact with the battery terminals.

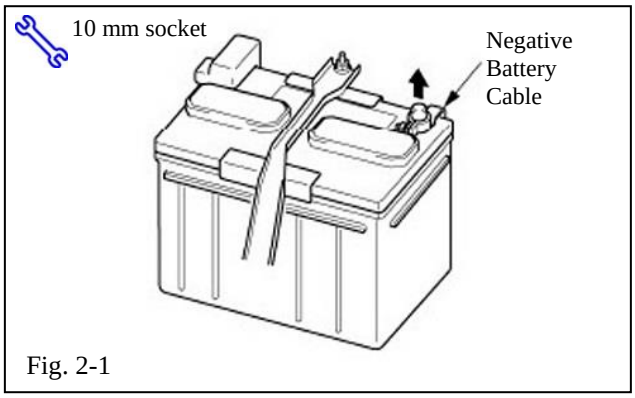


Fig. 2-1

3. Front Driver Courtesy Lamp Disassembly

(a) Apply tape on each side of the Courtesy Lamp or plug (Fig. 3-1).

(b) Remove the Courtesy Lamp, or plug, by disengaging the hook located at the side with triangle mark (Fig. 3-1).

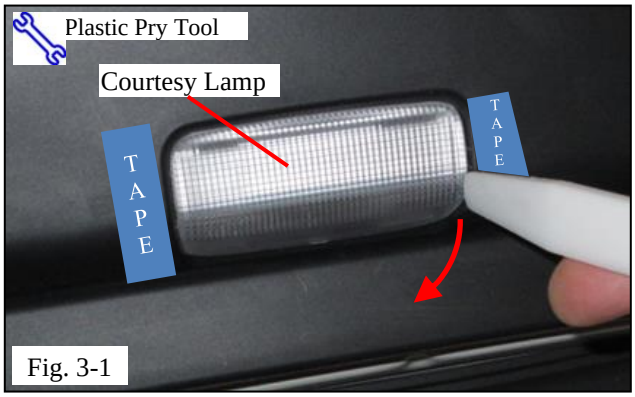
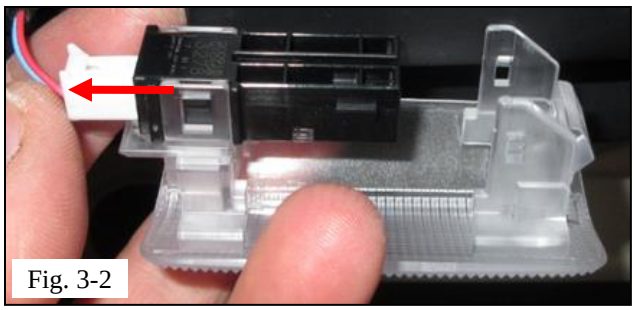


Fig. 3-1

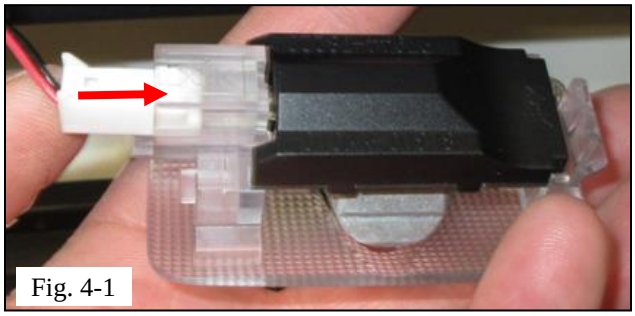
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Fig. 3-2

(c) Remove connector from Courtesy Lamp (Fig. 3-2).

(d) Discard Courtesy Lamp.

4. Front Driver Side Puddle Lamp Installation


Fig. 4-1

(a) Connect Side Puddle Lamp connector to OE connector (Fig. 4-1).



Fig. 4-2

(b) Install Side Puddle Lamp to door by first inserting the left side into the door and then pushing the right side into the door (Fig. 4-2).

(c) Remove tape.

5. Front Passenger Courtesy Lamp Removal and Side Puddle Lamp Installation

(a) Repeat Steps 1-4 on passenger side.

6. Connect Battery

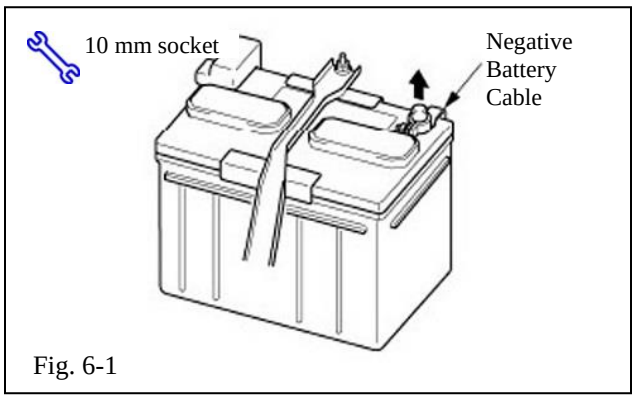


Fig. 6-1

(a) Position the negative (-) battery cable at the original factory location (Fig. 6-1).

(b) Tighten the nut to 48 in-lbf (5.4 N-m).

Torque: 48 in-lbf (5.4 N-m)

CAUTION: Do not touch the positive terminal.

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Checklist - these points **MUST** be checked to ensure a quality installation.

Check:	Look For:
Accessory Function Checks	
☐ Side Puddle Lamp Function	Front Driver and/or Passenger Door Open – Toyota logo illuminated on ground 
Vehicle Function Checks	
☐	
☐	
Vehicle Appearance Check	
☐ After accessory installation and removal of protective cover(s), perform a visual inspection.	Ensure no damage (including scuffs and scratches) was caused during the installation process. (For PPO installations, refer to TMNA Accessory Quality Shipping Standard.)

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