

**Part Number: PT976-03201****Kit Contents**

Item #	Quantity Req'd.	Description
1	1	12" Power Port
2	2	Foam Tape Squares 2"x2"
3	7	Zip Ties 8"

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1		
2		

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description

**Conflicts**

Rear panel contains USB ports (W/REG + USB)
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**Recommended Tools**

Personal & Vehicle Protection	Notes
Safety Glasses	
Safety Gloves	
Padded Work Surface	
Special Tools	Notes
Installation Tools	Notes
Socket	10mm
Ratchet	
Protective Tape	
Nylon Plastic Removal Tool	
Screwdriver	Flathead
Side Cutters	
Torque Wrench	5.4 Nm (48 in lbs.)
CLA Remover Tool	
Special Chemicals	Notes

**General Applicability**

MY22 and newer RAV4/HV LE and newer
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**Recommended Sequence of Application**

Item #	Accessory
1	
2	
3	

\*Mandatory

**Vehicle Service Parts** (may be required for reassembly)

Item #	Quantity Req'd.	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

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.).

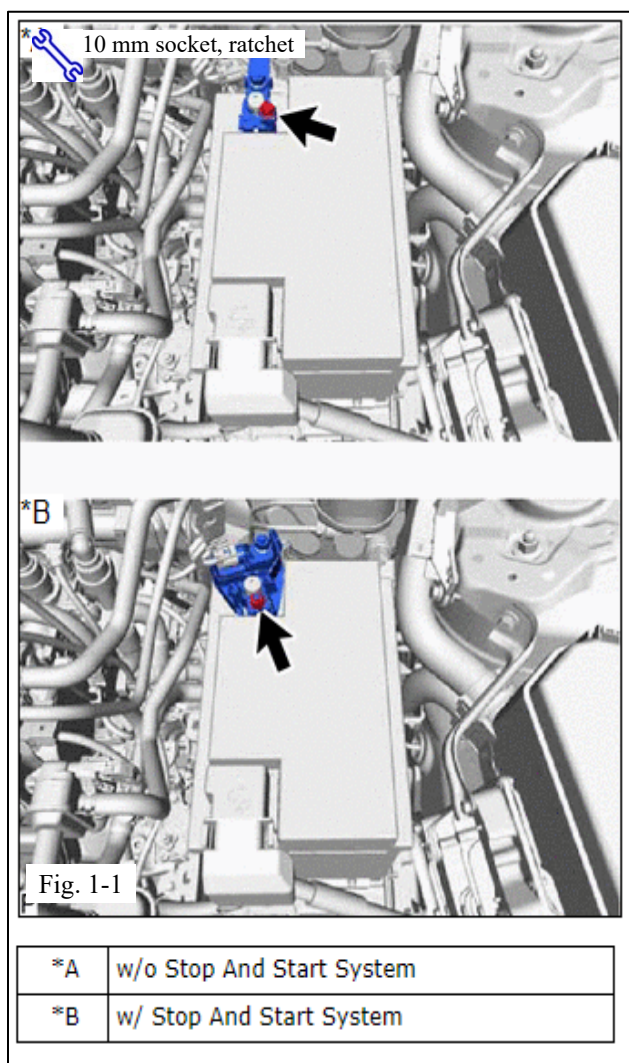
Please see your Toyota dealer for a copy of this document

## 1. Disconnect the Battery

**+** **NOTE:** The engine components and coolant may be hot.

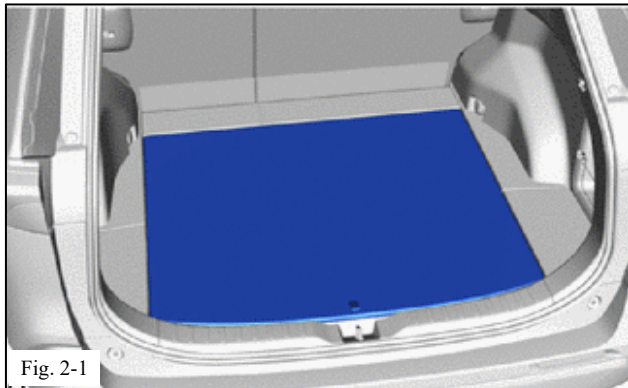
(a) Remove the negative battery terminal (Fig. 1-1).

**!** **CAUTION:** Do not touch the positive terminal with any tool during removal.

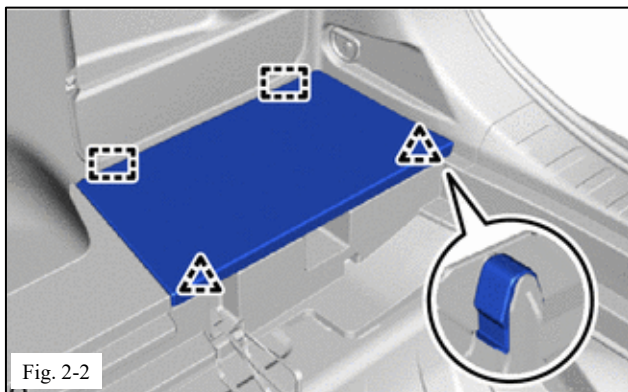


**2. Disconnect the Battery HV (if applicable)**

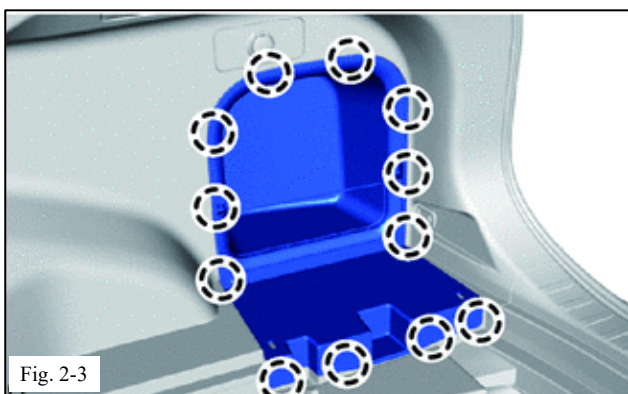
(a) Remove the deck board assembly (Fig. 2-1).

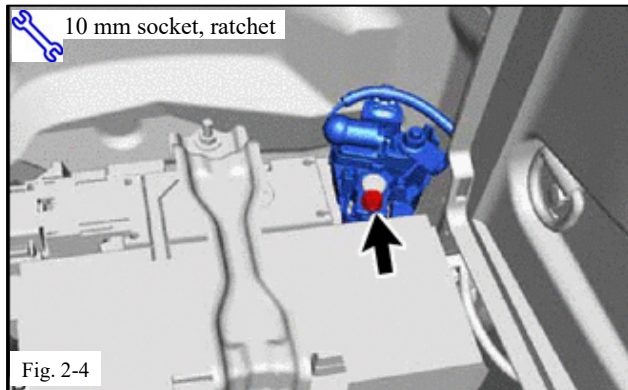


(b) Remove Rear No. 2 Floorboard (Fig. 2-2).



(c) Remove Battery Hole Cover (Fig. 2-3)





- (d) Remove the negative battery terminal (Fig 2-4).

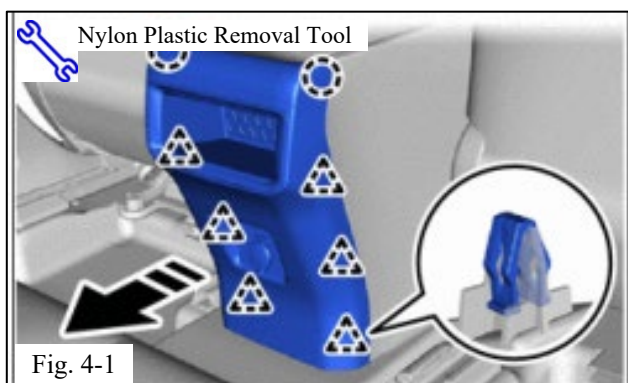
### 3. Confirm Kit Contents

- (a) Confirm all contents are present (Fig. 3-1).  
(b) Confirm contents are not damaged.



### 4. Disassemble Vehicle

- (a) Using nylon plastic removal tool, Remove the Rear Console End Panel Sub-Assembly.
- (1) Pull in the direction indicated by the arrow to detach the clip and claw (Fig. 4-1).
- (2) Disconnect each connector (if applicable) and remove the rear console end panel sub-assembly (Fig. 4-1).





## 5. Remove Power Outlet Socket Assembly

- (a) Insert the CLA Removal Tool into the square cutouts inside the Power Outlet Socket Assembly (Fig. 5-1).

**⚠ NOTE:** One side of the “T” of the CLA Removal Tool must be inserted in the square cutout then the other should be angled into the opposite cutout.

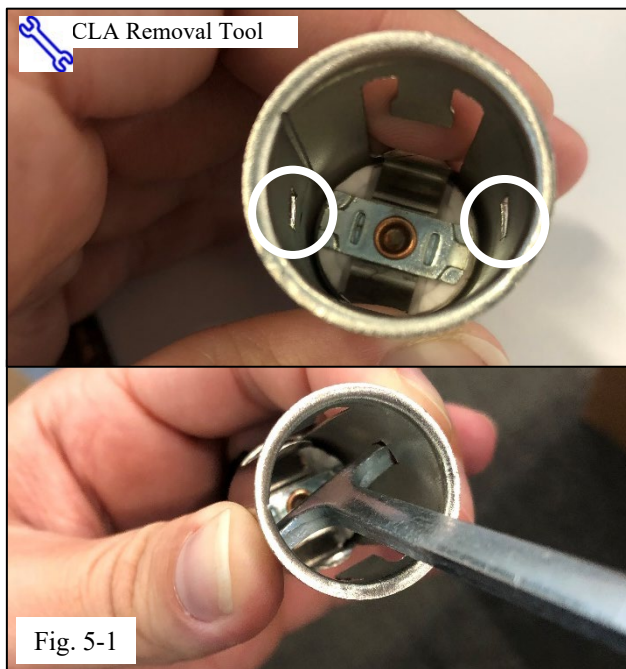
- (b) Gently pull on the CLA Removal Tool handle to remove the Power Outlet Socket Assembly.

- (c) Remove the Power Outlet Socket Cover by detaching the 2 claws (Fig. 5-2).

**⚠ NOTE:** Based on vehicle configuration, you may need a screwdriver wrapped in protective tape to help with disengaging one of the claws.

## 6. Install Power Port to Panel

- (a) Unscrew the Nut and Washer from the Power Port (Fig. 6-1).

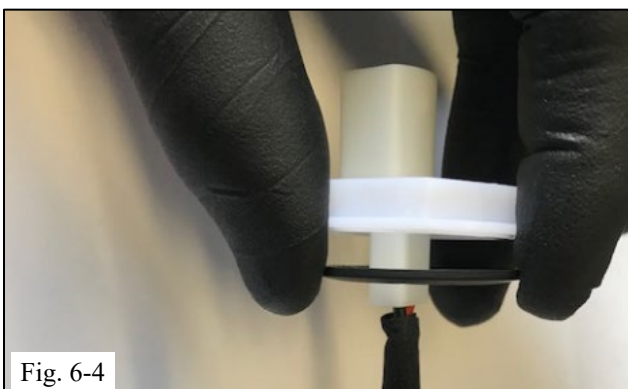




- (b) Feed the power and ground wires through the 1" hole from the outside of the Lower Center Instrument Finish Panel (Fig. 6-2).

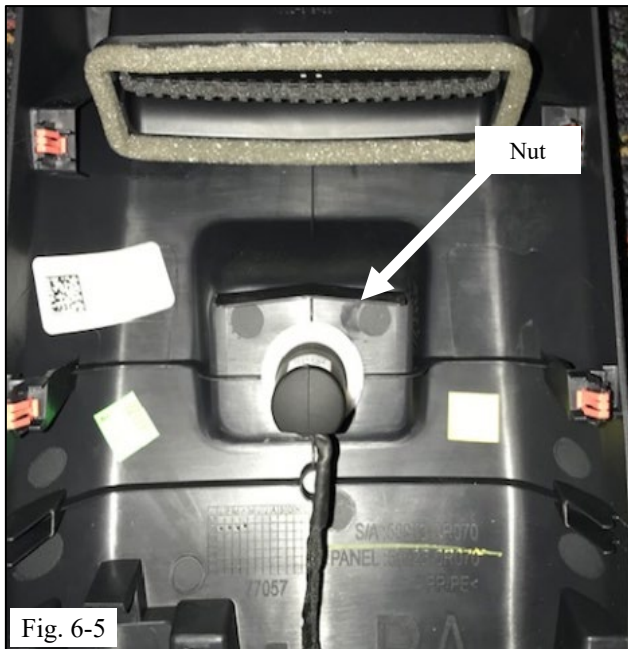


- (c) Peel the 3M double-side tape liner/backing off the Power Dock (Fig. 6-3).



- (d) Feed the wires through the lock washer and nut. The lock washer goes on first (Fig. 6-4).

**⚠ NOTE: The lock washer is non-directional, therefore it can be installed in either direction.**



(e) Hand tighten the nut until snug (Fig. 6-5).

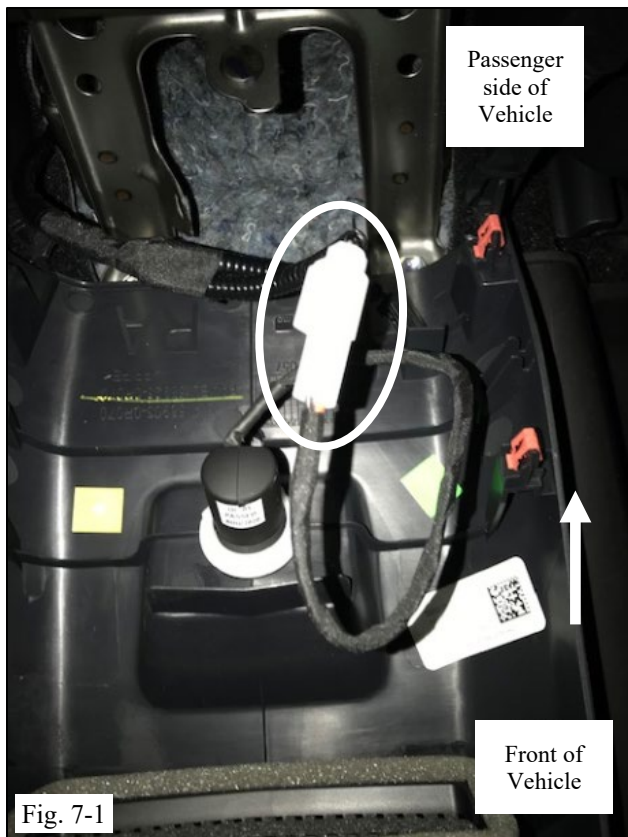


**STOP** NOTE: Take note to alignment on vehicle interior side to look as shown in (Fig. 6-6)

## 7. Connect & Bundle the Power Port Wire Harness

- (a) Lay the Lower Center Instrument Finish Panel in place to install and connect the Power Port's to the factory connector (Fig. 7-1).
- (b) Add (1) foam tape square (from the kit) around connectors.

**STOP** NOTE: Push, pull, push to confirm wire harness connection.



- (c) Make a loop with the Power Port wire harness and then zip tie (Fig. 7-2).





Fig. 7-3

- (d) Use the remaining piece of foam tape to 'package'/wrap the connector and wire harness. Then, place the foam tape 'package' in between the edges of the bracket and secure with wire tie (around bracket) (Fig. 7-3).

- (e) Reconnect unused connector at base of panel (Fig. 7-3).

- (f) Using side cutters, trim the zip ties.

## 8. Reassemble Vehicle

- (a) Install Rear Console End Panel Sub-Assembly.

- (1) Attach the clip and claw to install the rear console end panel sub-assembly in the direction indicated by the arrow shown in the illustration (Fig. 8-1).

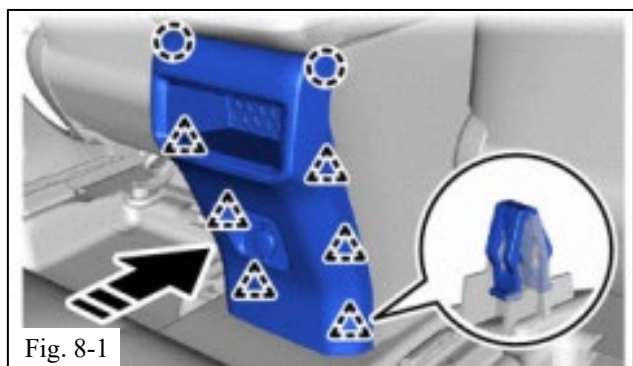


Fig. 8-1

**NOTE:** Ensure wire harness bundle does not interfere with clips (Fig. 8-1) nor weld stud (Fig. 7-3) when reassembling the rear panel to the console box.

## 9. Connect the Battery

- (a) Reconnect the vehicle's negative battery cable (Fig. 9-1).

**S** 5.4 Nm (48 in lbs.)

**NOTE:** Do not come into contact with the positive terminal during the replacement of the negative cable.

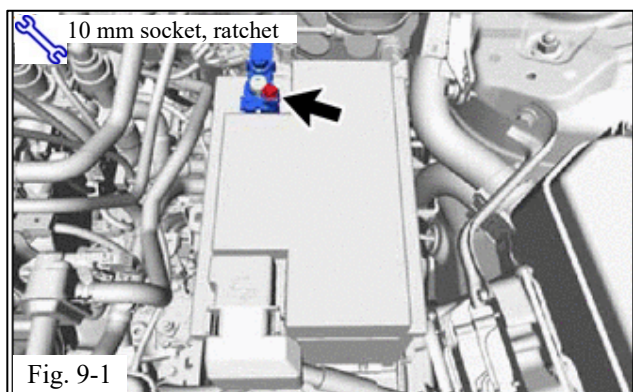


Fig. 9-1

### 10. Connect the Battery (Hybrid Models)

- (a) Reconnect the vehicle's negative battery cable.



5.4 Nm (48 in lbs.)



**NOTE: Do not come into contact with the positive terminal during the replacement of the negative cable.**

- (b) Reassemble Battery Hole Cover.
- (c) Reassemble the Rear No. 2 Floor Board.
- (d) Install the deck board assembly.

**TOYOTA RAV4/HV 2022 - 12" POWER PORT**

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

<u>Check:</u>	<u>Look For:</u>
<u>Accessory Function Checks</u>  <input type="checkbox"/> Factory panel alignment  <input type="checkbox"/> Discarded parts  <input type="checkbox"/> Turn ignition (ACC power) to ON	  Power Port is aligned vertically     5 zip ties from kit are discarded  Power Port illuminates
<u>Vehicle Function Checks</u>  <input type="checkbox"/> Proper function of 12V/120W port and USB Ports	  Item plugged in is illuminating, flashing, and/or charging (depending on type of item utilized for this confirmation)
<u>Vehicle Appearance Check</u>  <input type="checkbox"/> 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.)