TOYOTA CAMRY 2020 - 12” POWER PORT

Preparation

Part Number: PT976-03201

Kit Contents

Item #	Quantity Reqd.	Description
1	1	12” Power Port
2	2	Foam Tape Squares 2”x2”
3	7	Zip Ties 8”

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		
2		
3		

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1		
2		

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

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1	1	H-Harness (PT976-03202)
2		
3		

Conflicts

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
Marker	
Drill	
Step Drill Bit	1”
Side Cutters	
Torque Wrench	5.4 Nm (48 in lbs.)
Special Chemicals	**Notes**

General Applicability

MY20 Camry and newer

Recommended Sequence of Application

Item #	Accessory
1	
2	

*Mandatory

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.

<u>If vehicle is receiving 12” front and 60” rear Power Ports, start with 12” front Power Port Installation Instructions.</u>

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.

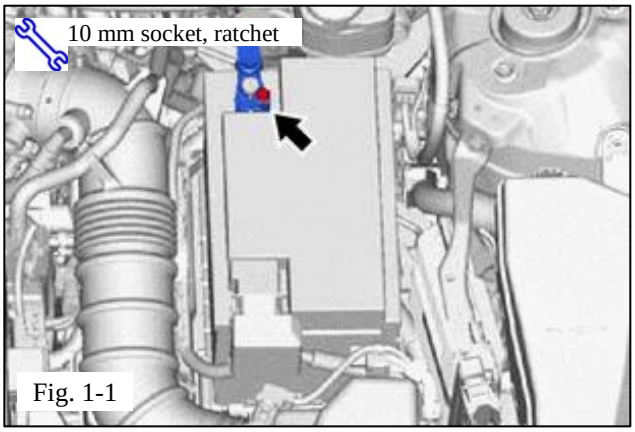


Fig. 1-1

2. Confirm Kit Contents

(a) Confirm all contents are present (Fig. 2-1).

(b) Confirm contents are not damaged.

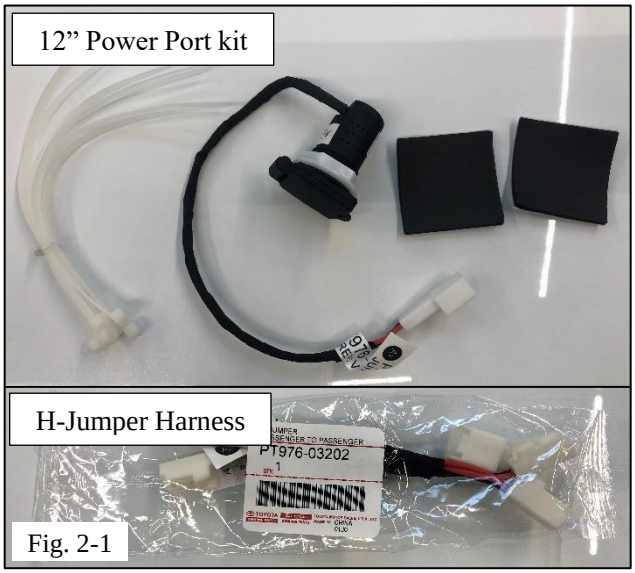


Fig. 2-1

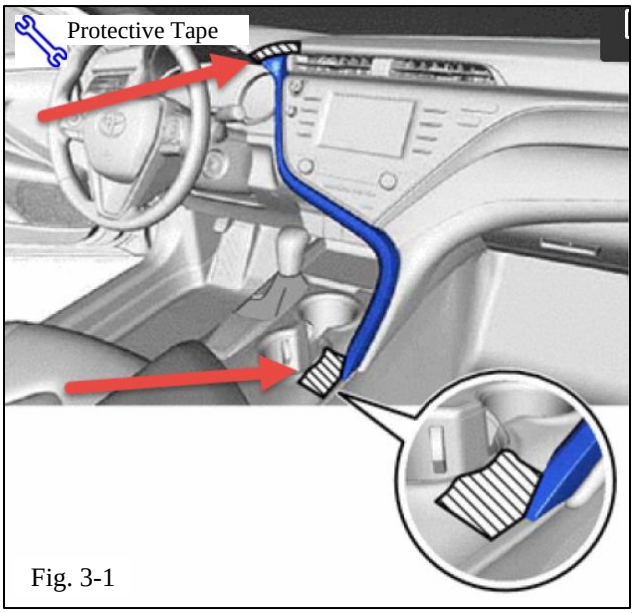


Fig. 3-1

3. Vehicle Disassembly

(a) Remove No.1 Meter Hood Cluster

(1) Apply protective tape to the area shown (Fig. 3-1).



Fig. 3-2

(2) Using Nylon Plastic Removal Tool, remove No.1 Meter Hood Cluster by disengaging the 7 clips and 3 guides (Fig. 3-2 and Fig. 3-3).

(3) Disconnect the connector to remove the No.1 Meter Hood Cluster (if equipped).

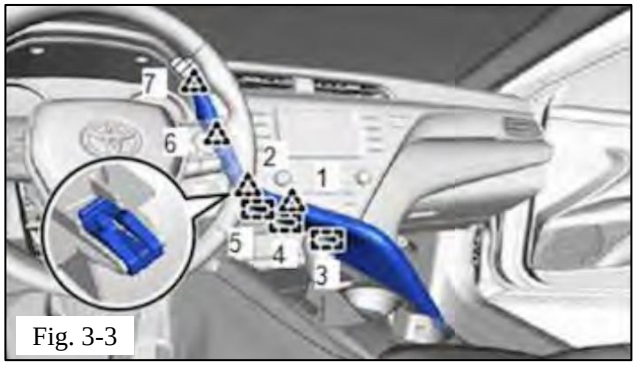


Fig. 3-3

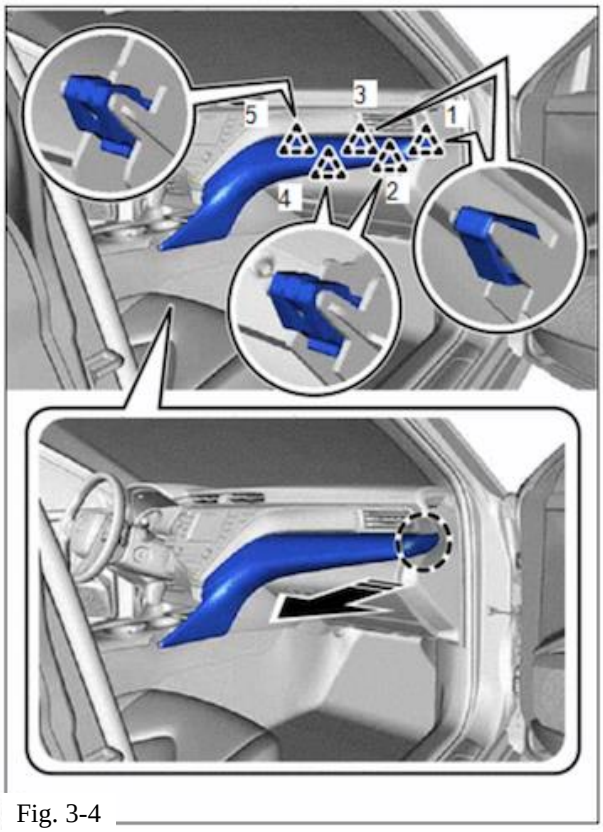


Fig. 3-4

	Place Hand Here
	Remove in this Direction

(b) Remove No.2 Instrument Panel Garnish Sub-Assembly

(1) Disengage the 5 clips in the order shown (Fig. 3-4).

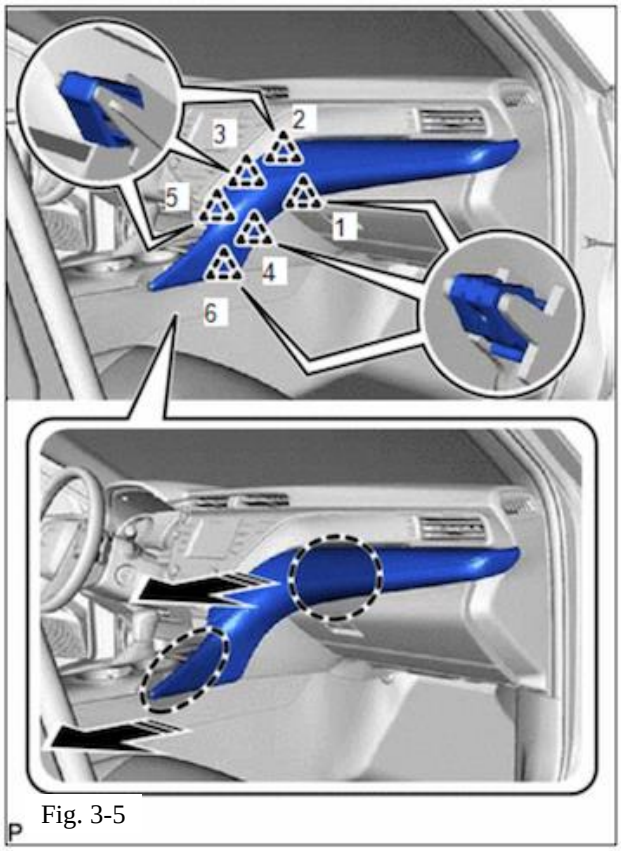


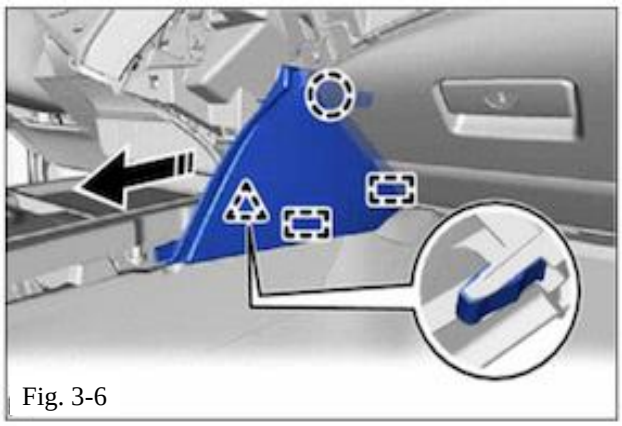
Fig. 3-5

	Place Hand Here
	Remove in this Direction

(2) Disengage the 6 clips in the order shown (Fig. 3-5).

(c) Remove Instrument Panel Finish Plate Garnish

(1) Disengage the clip, claw, and 2 guides (Fig. 3-6).


Fig. 3-6

	Remove in this Direction

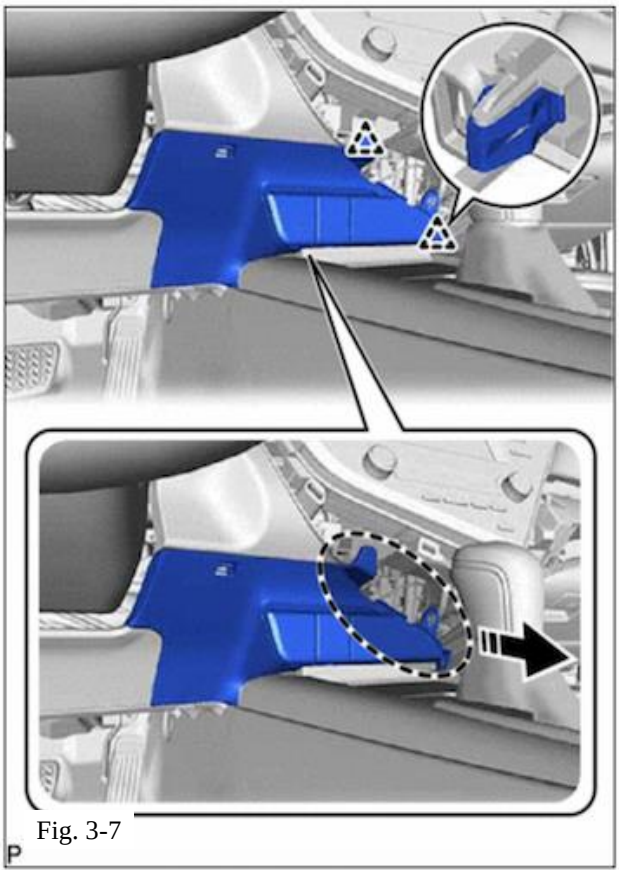
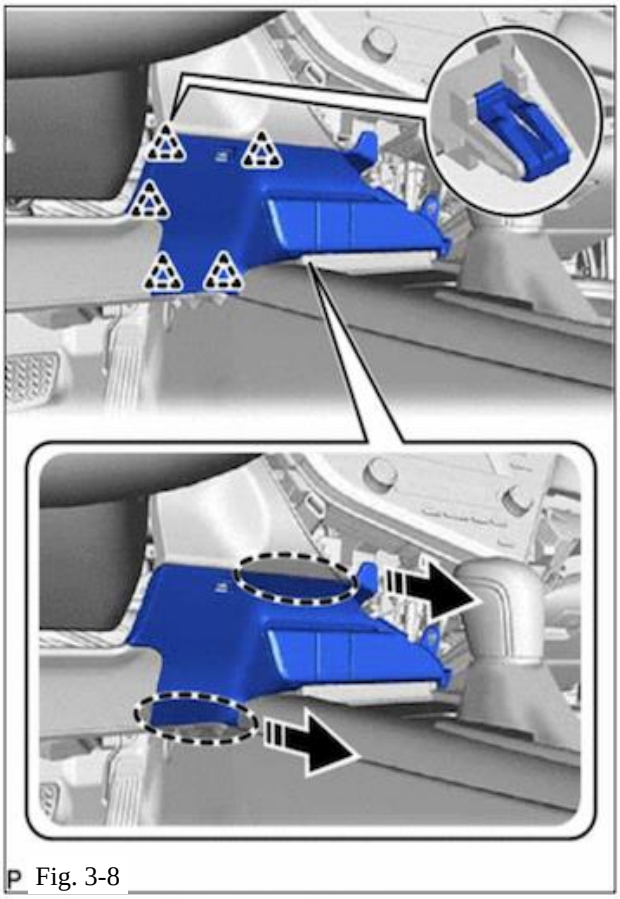


Fig. 3-7

	Place Hand Here
	Remove in this Direction

(d) Remove Lower Center Instrument Panel Finish Panel

(1) Disengage the 2 clips as shown (Fig. 3-7).



P Fig. 3-8

	Place Hand Here
	Remove in this Direction

(2) Disengage the 5 clips as shown (Fig. 3-8).

(3) Disengage the clamp.

(4) Disconnect each connector.

(e) Remove Shift Knob

(1) Disengage the 2 claws (Fig. 3-9).

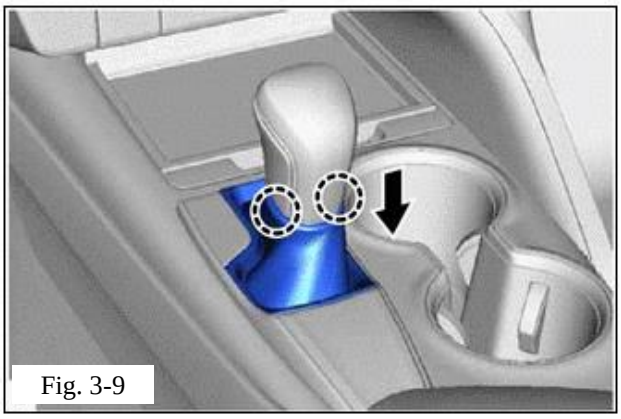


Fig. 3-9

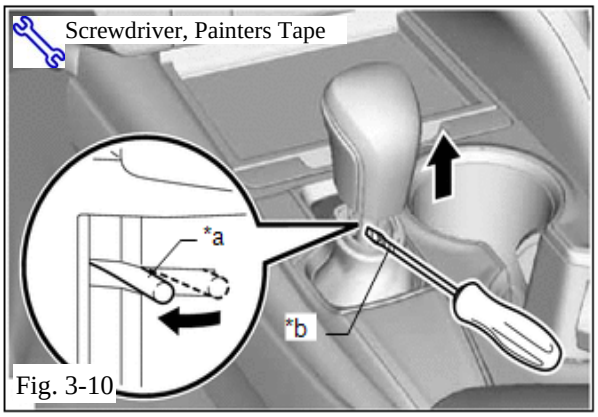


Fig. 3-10

*a	Clip
*b	Protective Tape

(2) Using a screwdriver with its tip wrapped with protective tape, expand the left side of the clip, and remove the shift lever knob sub-assembly from the transmission floor shift assembly (Fig. 3-10).

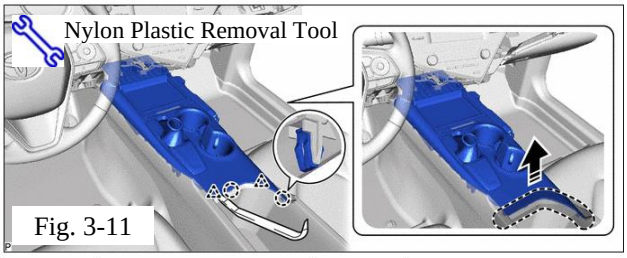
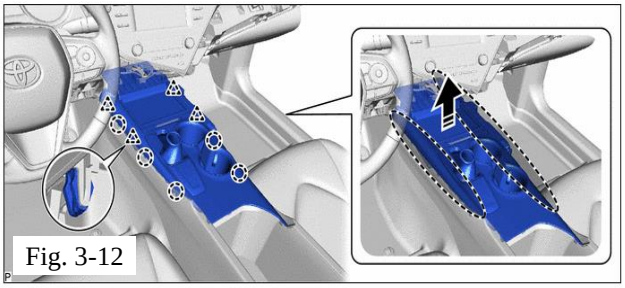


Fig. 3-11

	Insert Moulding Remover Here		Remove in this Direction

(f) Remove Rear Upper Console Panel Sub-Assembly

(1) Using Nylon Plastic Remover Tool, disengage the 2 claws and 2 clips (Fig. 3-11).


Fig. 3-12

	Place Hand Here		Remove in this Direction

(2) Disengage the 5 claws and 4 clips (Fig. 3-12).

(3) Disengage the clamp.

(4) Disconnect each connector.

4. Drill 1” Diameter Hole


Fig. 4-1

(a) Orient the Lower Center Instrument Finish Panel so that the inside surface is facing the T/M (Fig. 4-1).

⚠ **NOTE: Perform these steps on a padded work surface to avoid damaging the part.**


Fig. 4-2

(b) Cut out the template from the back of these installation instructions.

(c) Position the installation template into the back of the Lower Center Instrument Finish Panel (Fig. 4-2).

(d) Using a marker, mark the drill location for the 1” diameter hole.

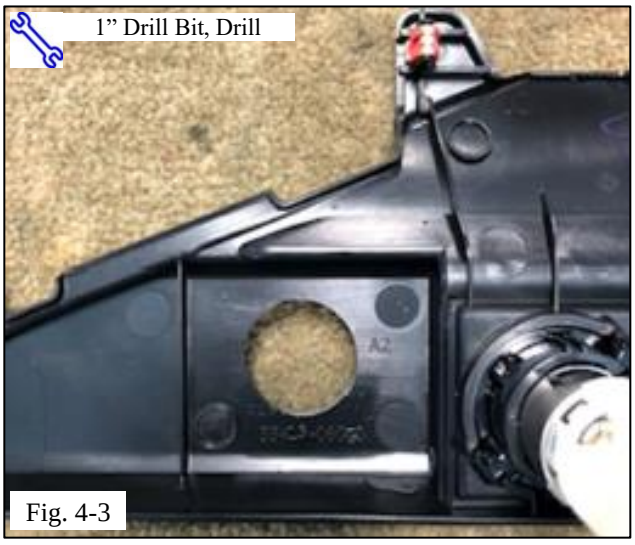


Fig. 4-3

(e) Using a 1” Step Drill Bit and the marked location from the previous step, drill a 1” diameter hole into the Lower Center Instrument Finish Panel (Fig. 4-3).

(f) Remove any shavings from the hole.



Fig. 5-1


Fig. 5-2


Fig. 5-3

5. Install Power Port to Lower Center Instrument Finish Panel

(a) Unscrew nut and remove lock washer, then feed the power and ground wires through the 1” hole from the outside of the Lower Center Instrument Finish Panel (Fig. 5-1).

(b) Peel the 3M double-side tape liner/backing off the Power Dock (Fig. 5-2).

(c) Feed the wires through the lock washer and nut. The lock washer goes on first (Fig. 5-3).

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


Fig. 5-4

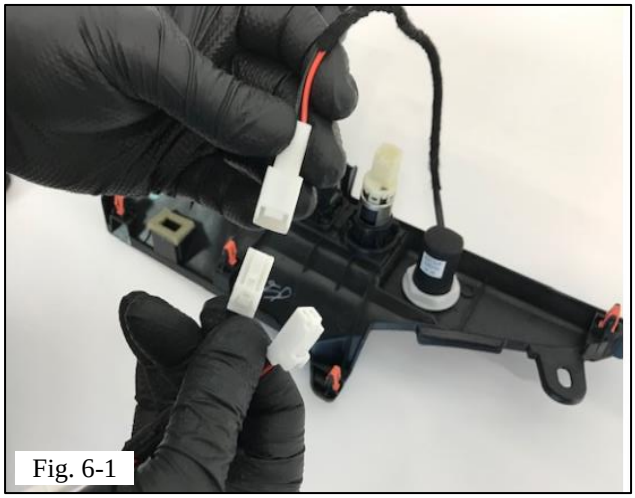
(d) Align the flat, horizontal surface (where the power and ground wire exit) at the end of the Power Port with the bottom surface of the Lower Center Instrument Finish Panel (Fig. 5-4).

(e) Hand tighten the nut until snug (Fig. 5-4).

6. Install H-Jumper Harness

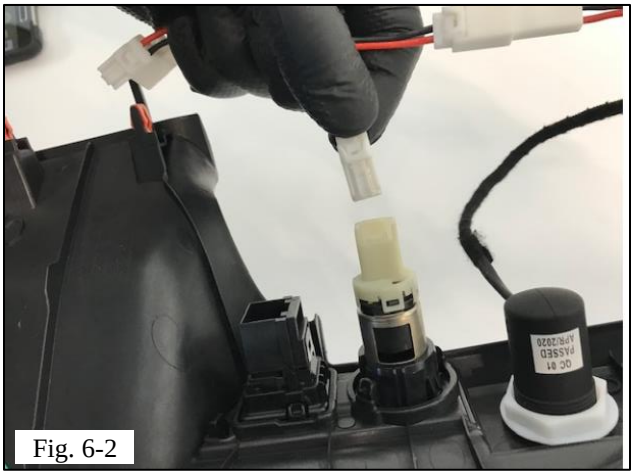
(a) Connect H-Jumper harness to the Power Port wire harness (Fig. 6-1).

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

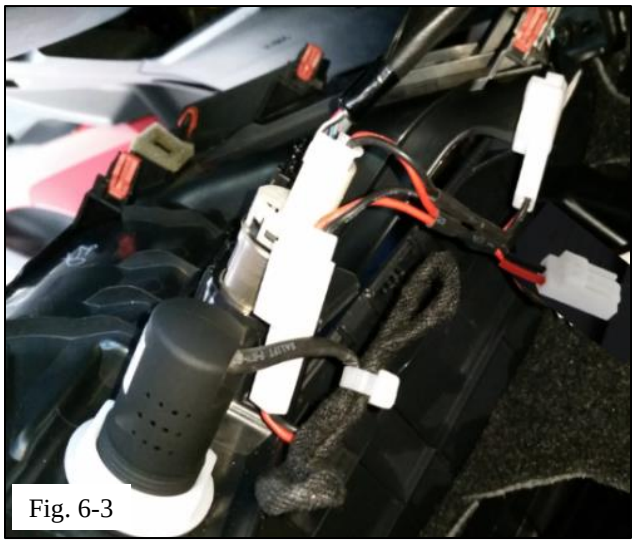

Fig. 6-1

(b) Connect H-Jumper harness to power outlet (Fig. 6-2).

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


Fig. 6-2

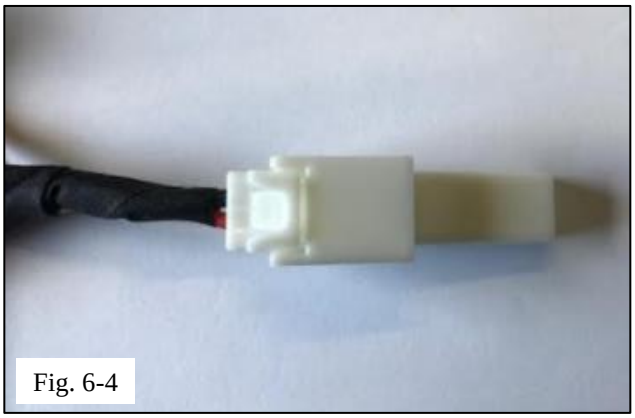
(c) Place Lower Center Instrument Finish Panel loosely in position on the front center console.


Fig. 6-3

(d) Connect the H-Jumper harness larger male connector to the vehicle’s K25 (white 2-pin) connector (Fig. 6-3).

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

NOTE: There will be one female connector from the H-Jumper harness that is unused to this point.


Fig. 6-4

(a) If vehicle is not getting 60” Rear Power Port, use single connector in H-Harness kit to ‘plug’ extra female connector on H-Jumper harness (Fig. 6-4). Proceed to Step 7.

(b) If vehicle is getting 60” Rear Port Power Port, **discard** single connector in H-Harness kit. **Proceed to 60” Power Dock Installation Instructions.**

NOTE: DO NOT continue with this installation instruction if vehicle is receiving 60” Rear Power Dock.

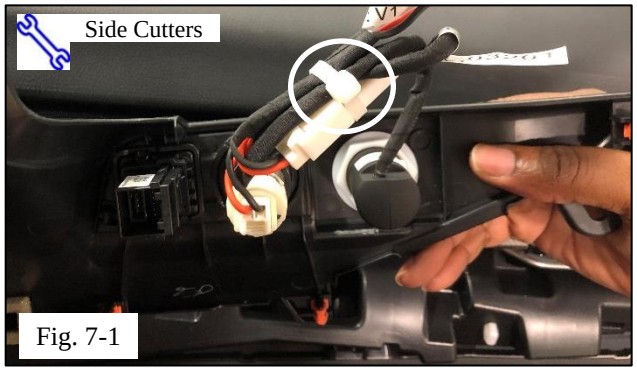


Fig. 7-1

7. Bundle and Secure Wires

(a) Using (1) wire tie provided in 12” Power Port kit to bundle the 12” Power Port, H-Jumper harness, and vehicle’s K25 wire harness (Fig. 7-1).

(b) Using side cutters, snip the excess zip tie length.

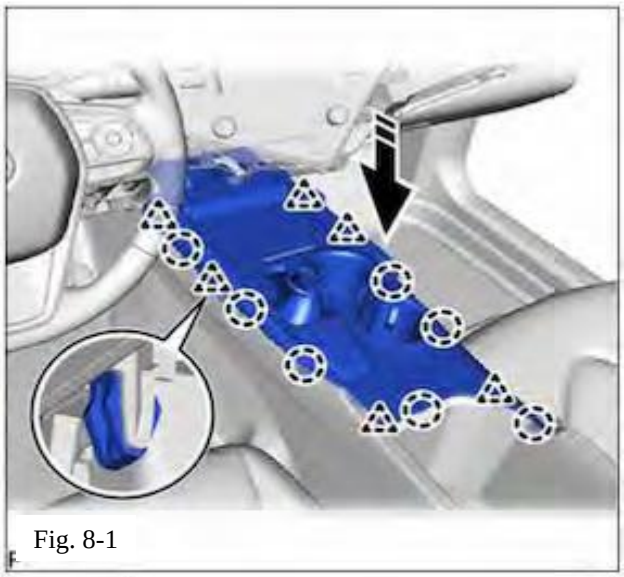
(c) Discard the remaining (6) wire ties and the (2) foam tape squares.

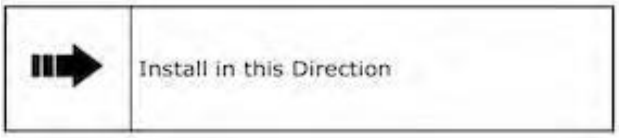
8. Reassemble Vehicle

(a) Install Rear Upper Console Panel Sub-Assembly (Fig. 8-1).

(1) Connect each connector.

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


Fig. 8-1



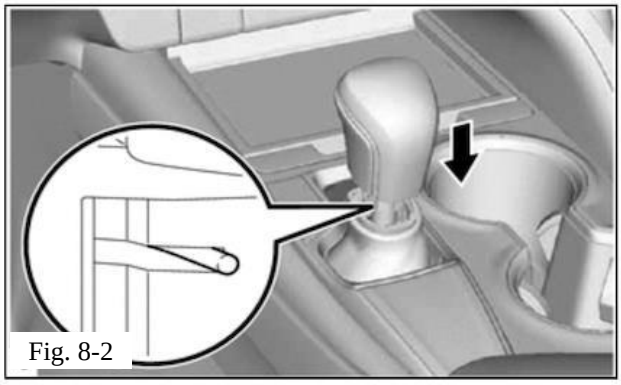


Fig. 8-2

(b) Install Shift Lever Knob Sub-Assembly (Fig. 8-2).

NOTE: Make sure the Shifting Hole Cover Sub-Assembly does not twist after installing the Shift Lever Knob Sub-Assembly.

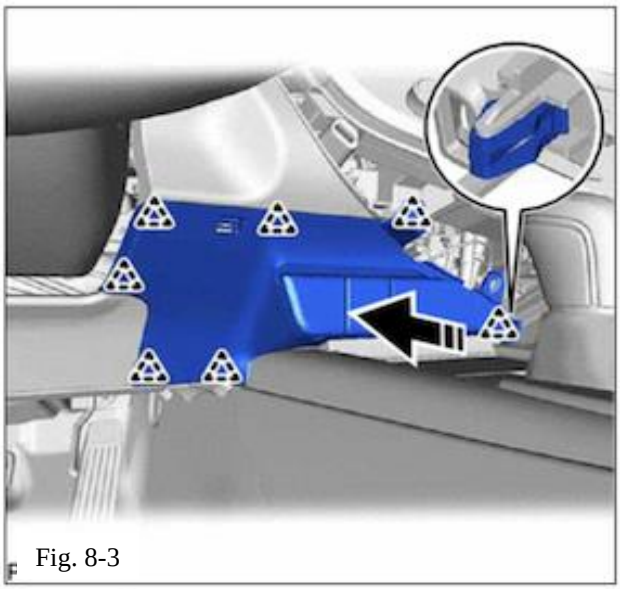


Fig. 8-3

	Install in this Direction

(c) Install Lower Center Instrument Finish Panel (Fig. 8-3).

(1) Connect each connector.

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

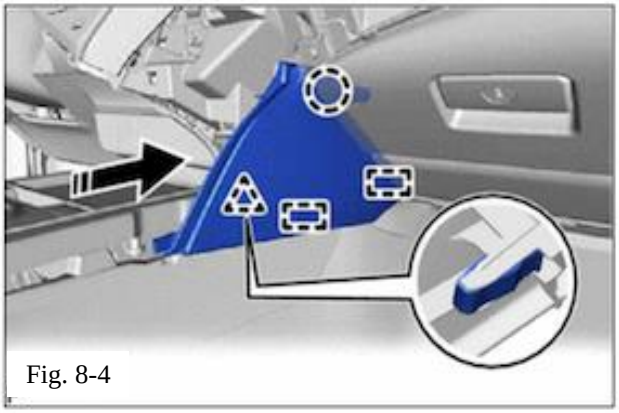


Fig. 8-4

➡	Install in this Direction

(d) Install Instrument Panel Finish Plate Garnish (Fig. 8-4).

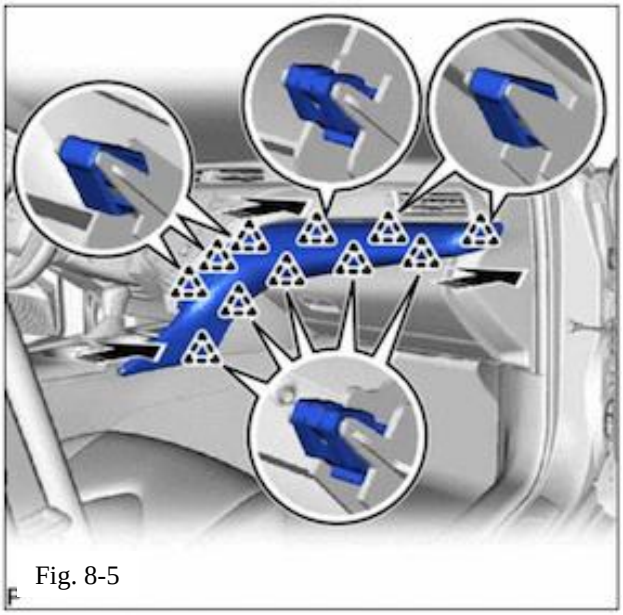


Fig. 8-5

➡	Install in this Direction

(e) Install No.2 Instrument Panel Garnish Sub-Assembly (Fig. 8-5).

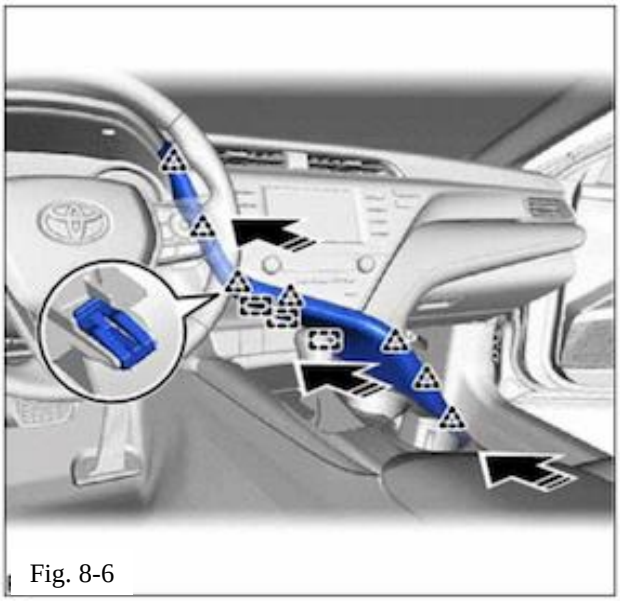


Fig. 8-6

➡	Install in this Direction

(f) Install No.1 Meter Hood Cluster (Fig. 8-6).

(1) Connect the connector.

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

(a) Perform function checks.

9. Connect the Battery

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

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

TOYOTA CAMRY 2020 - 12” POWER PORT

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

Check:	Look For:
Accessory Function Checks	
☐ Factory panel alignment	Power Port is aligned vertically
☐ Discarded parts	Foam squares and 6 zip ties from kit are discarded
☐ Turn ignition (ACC power) to ON	Power Port illuminates
Vehicle Function Checks	
☐ Check meter hood light (PRNDL)	Start the engine and check that the vehicle moves forward when the shift lever is moved from P to D and moves rearward when the shift lever is moved to R. Move the shift lever to P. Turn the ignition switch off.
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.)

Scale 1:1

