

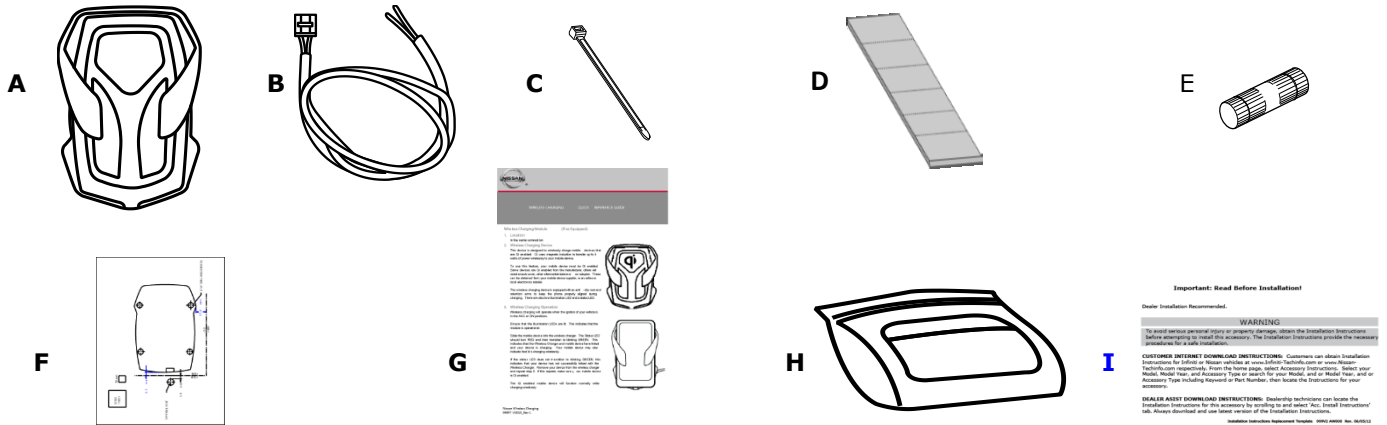


GENUINE PARTS

INSTALLATION INSTRUCTIONS

DESCRIPTION: Wireless Charging Kit
APPLICATION: Maxima
PART NUMBER(S) REQUIRED FOR INSTALLATION: 999F7 V4000
 999Q9-AY001 (Accessory Service Connector) - **Not Included in kit.**
KIT CONTENTS:

Item	Qty.	Part Description	Service Part Number
A	1	Module/Handset Holder Assembly	999F7 V4006
B	1	Harness Assembly	999F7 V4002
C	8	Wire Ties	
D	11	Foam Tape	
E	2	Posi-Taps	999M1 VT000
F	1	Drilling Template	
G	1	Owners Manual/Quick reference	999F7 V3010
H	1	Poly Bag	
I	1	Installation Instruction Replacement Template	999V2 AW000



999Q9 AY001 (ACCESSORY SERVICE CONNECTOR) - SERVICE PART

Item	Qty.	Part Description	Service Part Number
AA	1	Accessory Service Connector (NOT INCLUDED IN KIT)	999Q9-AY001



Note: 1 or 2 ASC may already be installed in the vehicle.

TOOLS REQUIRED:

- Right Angle Drill
- 3/8" Drill Bit
- 1/16" Drill Bit
- Step Drill Bit
- 12mm Wrench
- Trim Removal Tool
- Round File
- Alcohol Wipes
- Silicone Adhesive Sealant (RTV)

Vehicle Preparation:

⚠ CAUTION

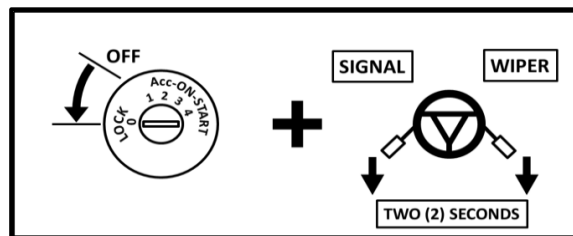
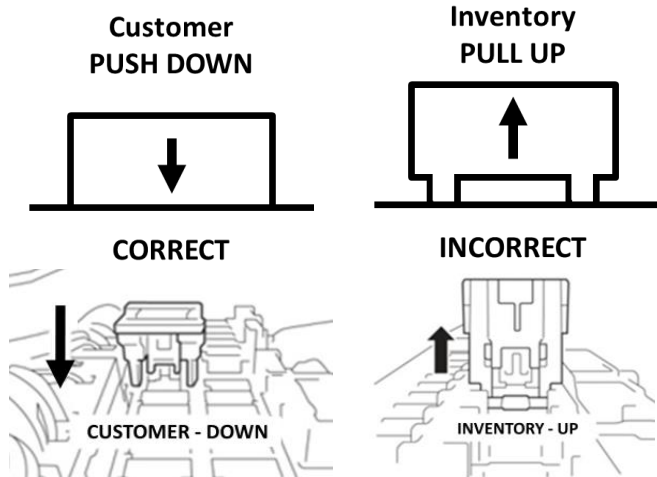
• Always confirm the ignition is in the "OFF" position before changing the switch condition.

- 1) Apply parking brake
- 2) Confirm vehicle is not in the default shipping state or "Inventory position" as shown below. Failure to confirm vehicle has been removed from this state will result in loss of normal vehicle operation.
- 3) Locate Extended Storage Switch in cabin fuse block. Confirm it is in the "Customer" position. See below for reference.

- a) To remove transit mode (Fuse Block):
1. Remove fuse cover lid.
 2. Push down shorting pin.
 3. Ign On 2 times without starting the vehicle.

- b) To remove transit mode (BCM):
1. Confirm ignition switch is in "OFF" position.
 2. Simultaneously push the signal and wiper switch fully down for two (2) seconds.

NOTE: While in BCM Transit Mode, turn signal indicators will remain illuminated for one minute.



- c) To return to transit mode for storage:
1. Ign Off.
 2. Remove fuse cover lid.
 3. Pull up shorting pin.
 4. Assemble fuse cover lid.
 5. Ign On 2 times without turn the vehicle on.
 6. Confirm transit mode condition on meter

NOTE: Typical vehicle condition shown above. Switch is easily identifiable by the permanent, push-pull fuse holder. Actual position on the fuse block may vary, vehicle to vehicle.

Condition	Switch Position	Note
Vehicle is delivered to the dealer	Inventory Condition	
Technician performs PDI	Customer Delivery	Return to Inventory position after PDI.
Customer test drives the vehicle	Customer Delivery	Return to Inventory position after test drive.
Vehicle is being stored at the dealer	Inventory Condition	
Vehicle is delivered to customer	Customer Delivery	

NOTE: The Extended Storage Switch is only an aid to improve battery life during vehicle storage at the dealer. If the Extended Storage Switch fuse ever needs service after vehicle delivery, discard the Extended Storage Switch and install the correct fuse in its place.

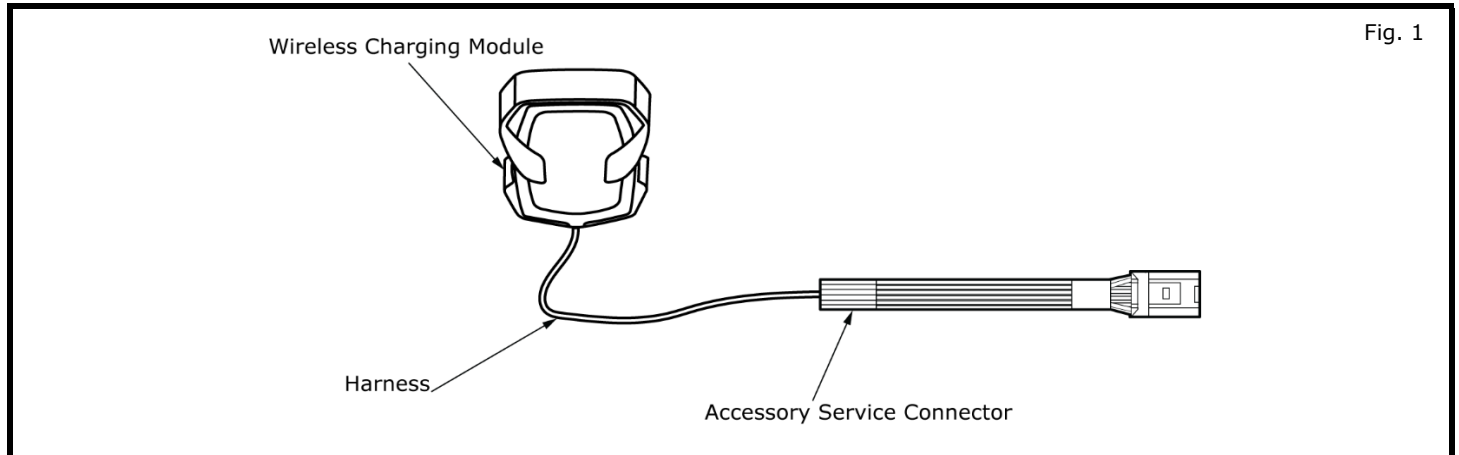
- 4) Turn ignition switch to "ON" position
- 5) Record the customer radio presets and other presets as required.

Preset	1	2	3	4	5	6		

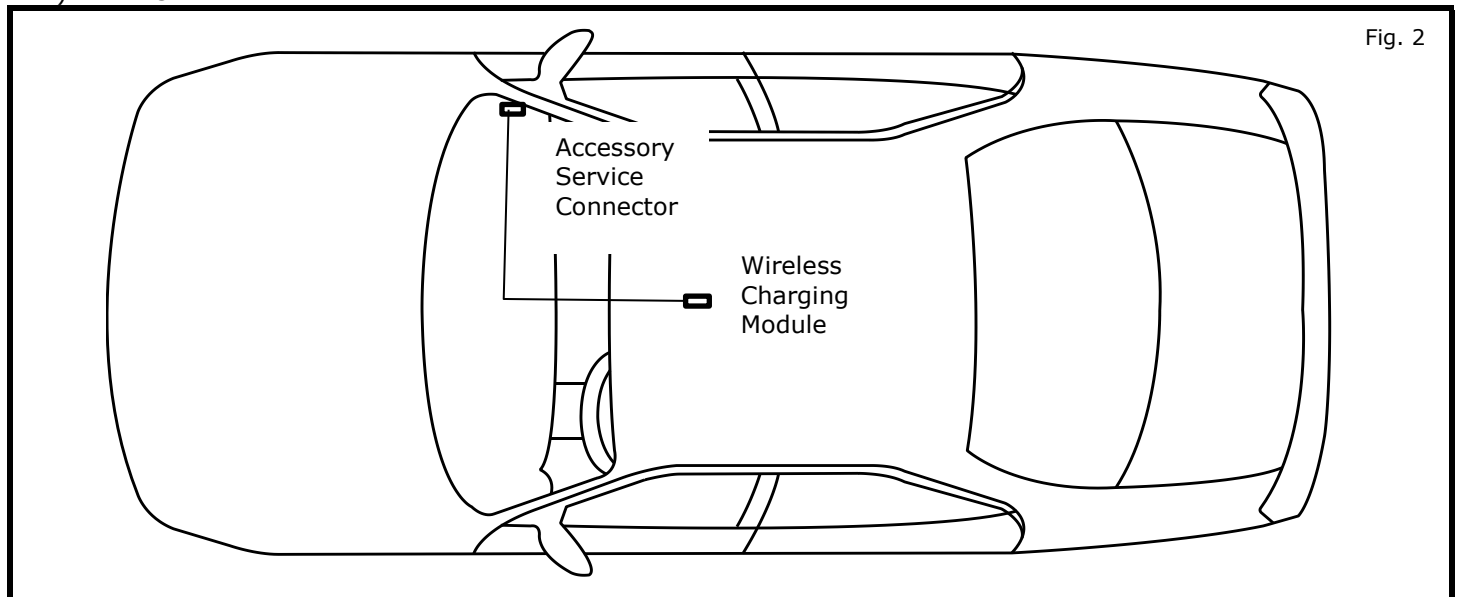
- 6) Put shift lever in "P" position for A/T and CVT or "1st" for M/T
- 7) Turn ignition switch to "OFF" position
- 8) Use seat and floor protection.

8. INSTALLATION OVERVIEW:

1.) SYSTEM



2.) VEHICLE



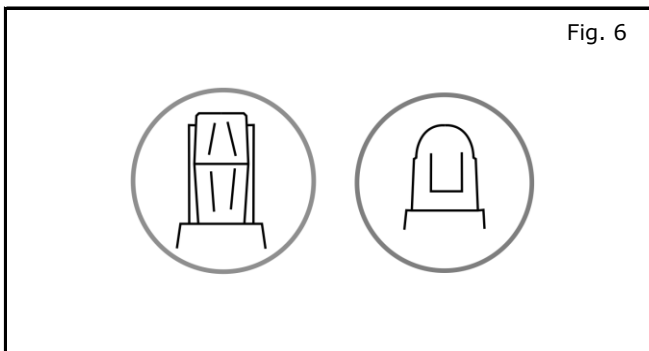
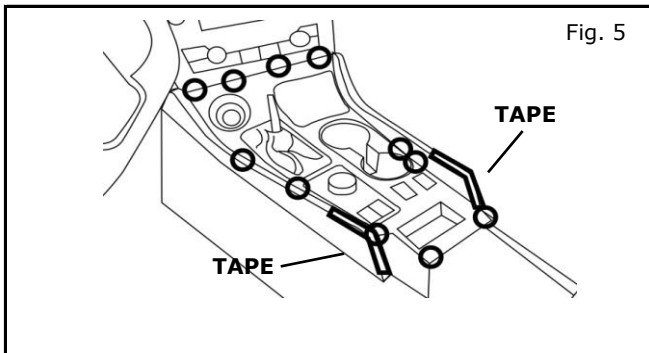
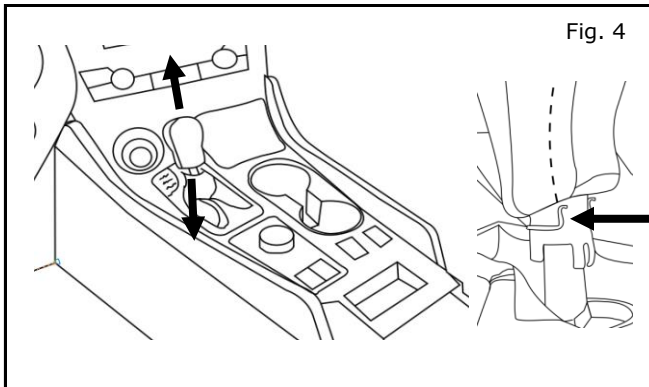
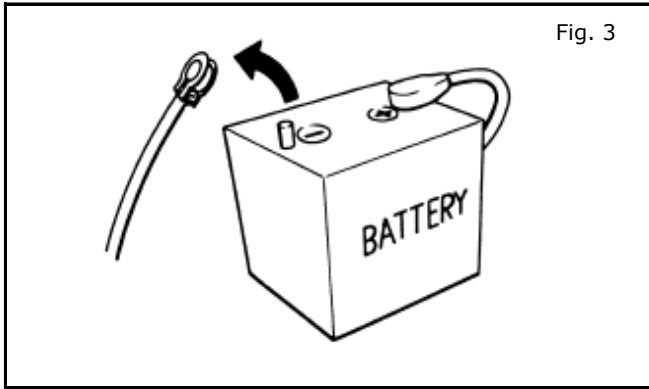
PRE-INSTALLATION CAUTION/NOTES

- Dealer installation recommended. Instructions may refer to Service Manual
- Installation may require special tools
- This part is to be installed within a surface temperature range of 65-100°F

⚠ CAUTION

- This accessory must only be installed as specified in these instructions.
- Ensure at all times that parts are securely fitted and will not compromise the safe function of vehicle systems
- Take care not to scratch or damage any component during the removal or re-installation process.
- Always remove vehicle parts in the sequence they are shown, improper procedure can damage parts.
- Store removed parts in a safe and protected manner.
- Place module in vehicle as described to ensure that the vehicle I_Key system works properly

INSTALLATION PROCEDURE:



- 1) Turn ignition switch to "**OFF**" position
- 2) Disconnect the negative battery terminal.
 - a) Lower both the driver and passenger windows to prevent damage.
 - b) Disconnect the negative battery terminal.
- 3) Remove gear selector knob
 - a) With shift lever in neutral position, use nylon pry tool to release finisher ring at bottom of shift knob and push boot down.
 - b) Remove retaining clip holding shifter knob to selector lever.
 - c) Lift shift knob upward to remove and reinstall clip with bend upward. Set shift knob aside.

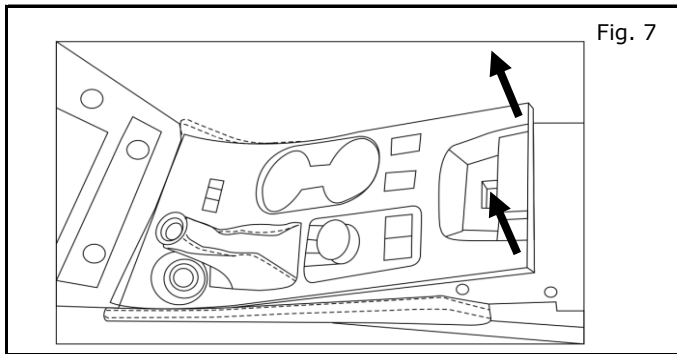
- 4) Console AT finisher panel clip locations.

NOTE:

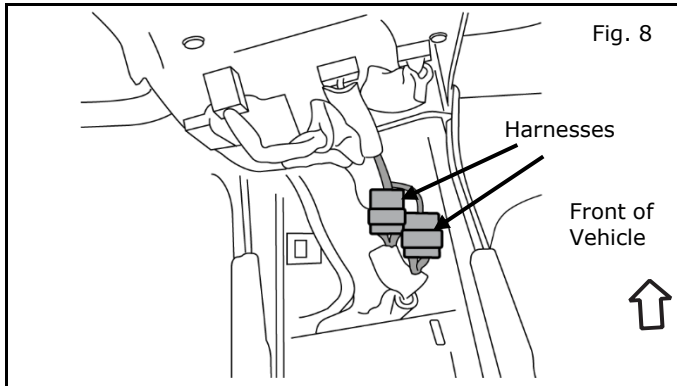
Apply Protective Tape to console along top edges and rear corners to protect leather.

- 5) Console finisher panel clip detail.

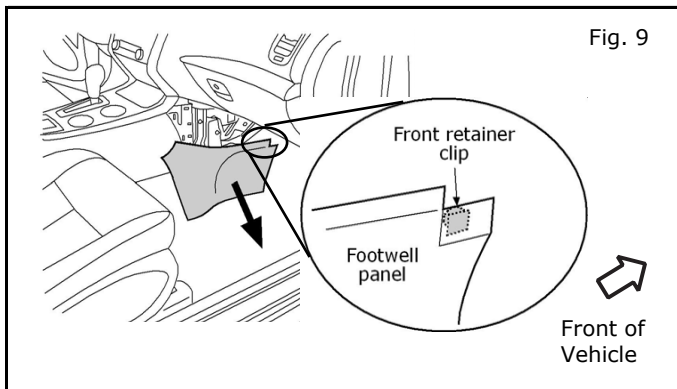
INSTALLATION PROCEDURE:



- 6) Remove AT finisher panel
 - a) Starting at rear of the AT finisher with nylon pry tool to release rear clips.
 - b) Lift finisher upward, holding at both rear corners to release clips without twisting.
 - c) When all side clips are released, pull finisher toward rear of console to remove.
 - d) Disconnect connectors and set finisher aside.



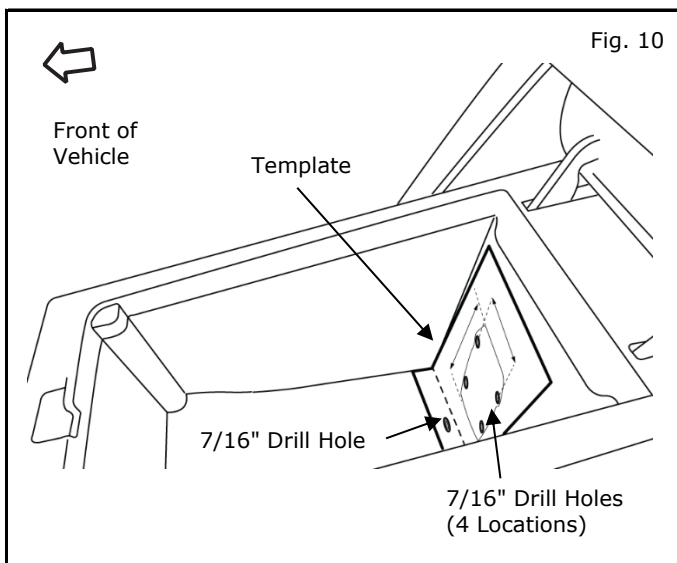
- 7) Disconnect two indicated large white harness connectors from AT finisher and set finisher aside.



- 8) Carefully pry out center footwell panel from passenger side of center console.
 - a) Pull out at center and slide to the rear.

NOTE:

Be sure the front retainer clip stays with the panel.



9) NOTE:

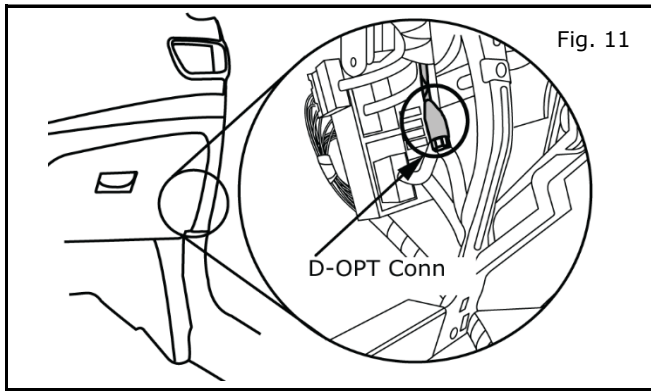
Locate wireless charging module as shown. Failure to do so may impact vehicle operation.

When printing drill template, set page scaling to "NONE".

Drill holes in console box.

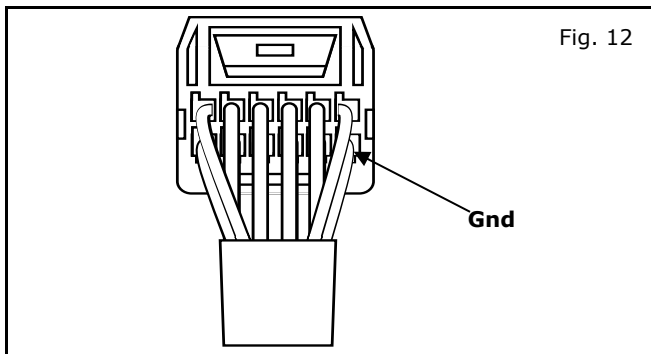
- a) Attach supplied templates to bottom and rear of bin with tape.
- b) Using center punch, locate center of hole locations. One hole located on bottom of bin and four located on rear of bin. See Figure 10.
- c) Using 7/16" bit to drill hole on bottom of bin.
- d) Using 1/8" bit, drill pilot holes on side of bin. Use 7/16" drill bit to finish holes.
- e) Use round file to clean flash from holes.

INSTALLATION PROCEDURE:



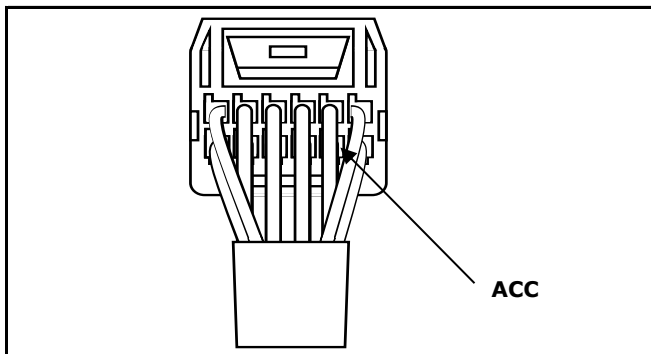
- 10) Locate passenger side D-Opt Connector plug. It will be next to the glovebox on the right side A-Pillar.

Note: A previously installed accessory may be present. If so, carefully remove the accessory connector harness from the accessory connector plug before posi-tapping. It is recommended that all posi-tapping be completed before reattaching the accessory connector harness to the plug.



- 11) Connect Wireless Charging harness (Part Number: 999F7 V4002) to accessory service connector using positaps. Refer to pages 7 through 9 for posi-tapping procedures.

a) Connect BLACK wire from Wireless Charging harness to BLACK wire on Accessory Service Connector Harness

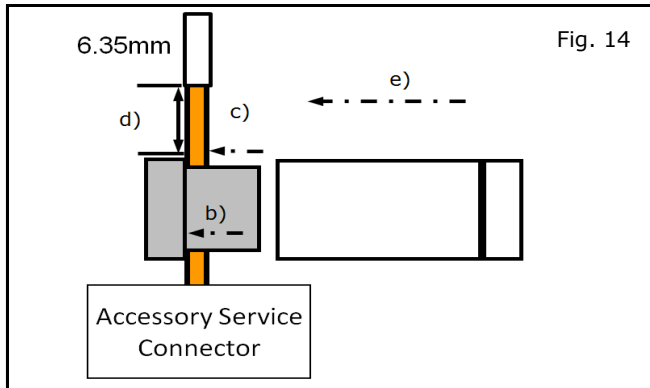


b) Connect RED wire from Wireless Charging harness to ORANGE wire on Accessory Service Connector Harness

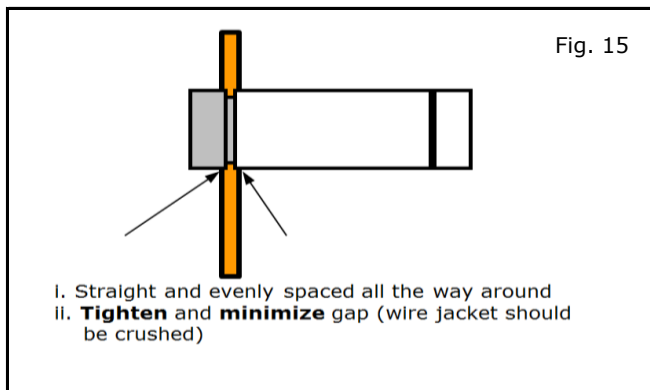
⚠ CAUTION

This Accessory Service Connector is for use only with Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories. Use of this connector with non Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories or failure to follow the installation instructions for the connector contained in this package may result in damage to the accessory and/or your vehicle. Nissan (or Infiniti) is not liable for loss or damage due to improper installation or the installation of non Genuine or non approved accessories.

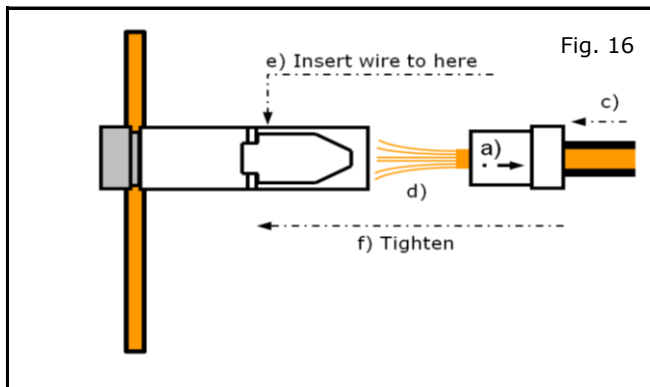
INSTALLATION PROCEDURE: POSI-TAP



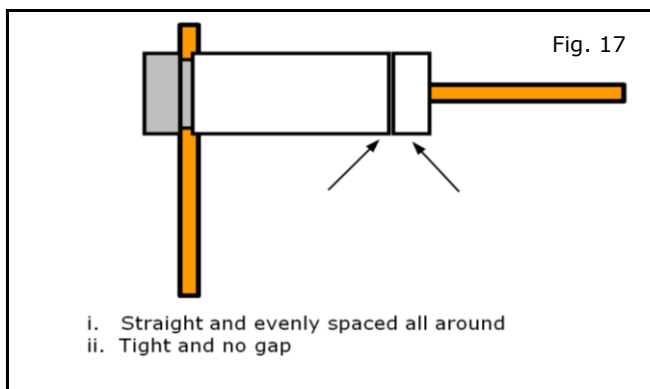
- 12) Posi-tapping an Accessory service wire (Fig. 14)
 - a) Identify and confirm correct wire in the Accessory Service Connector to be tapped.
 - b) Remove cap (slot side) from tap body.
 - c) Slide cap around single accessory wire.
 - d) Position cap $\geq 6.35\text{mm}(0.25\text{in})$ away from the heat shrink end of Accessory Service Connector (measurement for first posi-tap installed on the circuit).
 - e) Tighten the tap **TIGHT** with finger pressure.
 - f) Tighten by another quarter turn.



- 13) Inspecting the tap for correct installation (Fig. 15).
 - a) Pull on the wire lightly to ensure connection.
 - b) Inspect the tap to ensure correct installation.
 - c) Test the signal to ensure that it is working

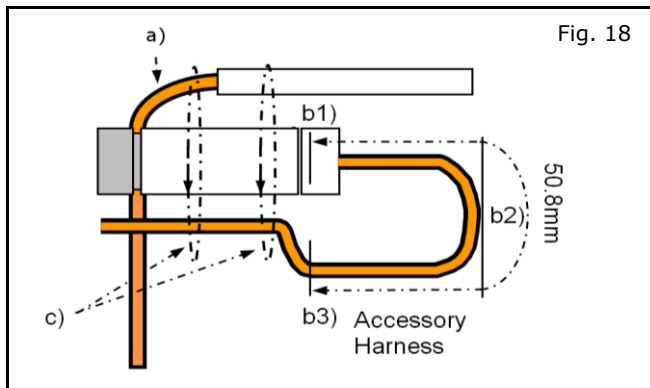


- 14) Tap accessory wire (Fig. 16).
 - a) Remove tap (non-pierce) side from tap.
 - b) Remove the protective stub from the wire.
 - c) Insert wire through the non-pierce side opening.
 - d) Spread the individual strands into fan shape.
 - e) Insert wire into the tap body and ensure that it is all the way in.
 - f) Tighten the tap **TIGHT** with finger pressure.
 - g) Tighten by another quarter turn.

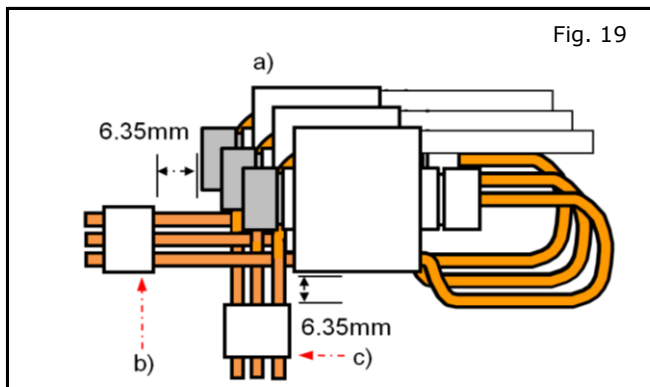


- 15) Confirm the tapped accessory wire.
 - a) Pull on the wire lightly to ensure connection.
 - b) Inspect the tap to ensure correct installation as shown in Fig. 17.

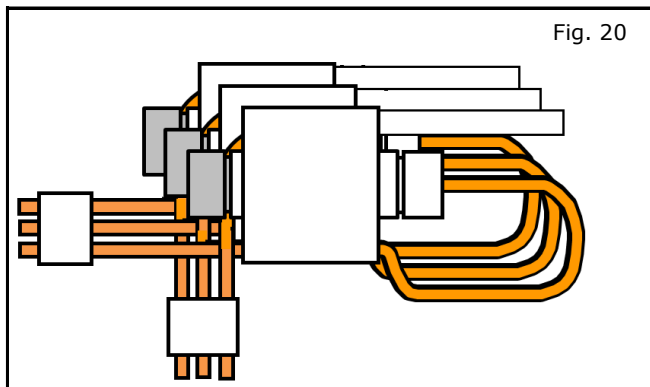
INSTALLATION PROCEDURE: POSI-TAP



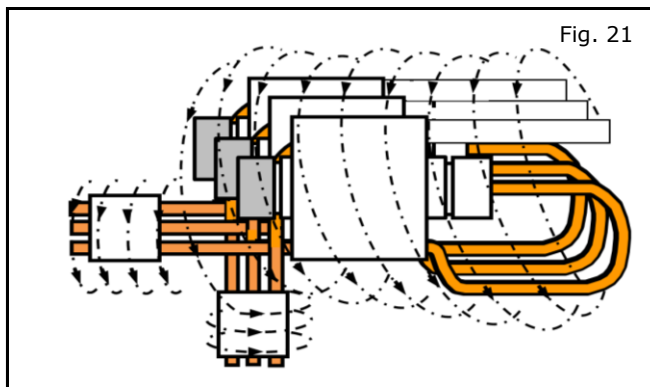
- 16) Forming strain relief loop - required (Fig. 18).
- Gently bend end of pierced wire (where it exits cap) down towards body of posi-tap.
 - On tapped side wire; starting at point b1), measure 50mm to point b3). Make first bend of loop b2), half measured distance - 25mm, and up toward body of posi-tap, make second bend of loop b3).
 - Secure pierced wire on heat shrink side and tapped wire to body of tap with electrical tape (≥ 2 revolutions).



- 17) Securing multiple accessory taps (Fig. 19).
- Tapped accessories (wires already secured to tap bodies) are stacked in a stagger on top of each other as shown in Fig a).
 - Secure tapped wires on connector side of posi-taps to each other with electrical tape (≥ 2 revolutions) at a distance of ≥ 6.35 mm as shown in Fig b).
 - Pierced wires of posi-taps are secured to each other with electrical tape (≥ 2 revolutions) at a distance of ≥ 6.35 mm (0.25in) as shown in Fig c).

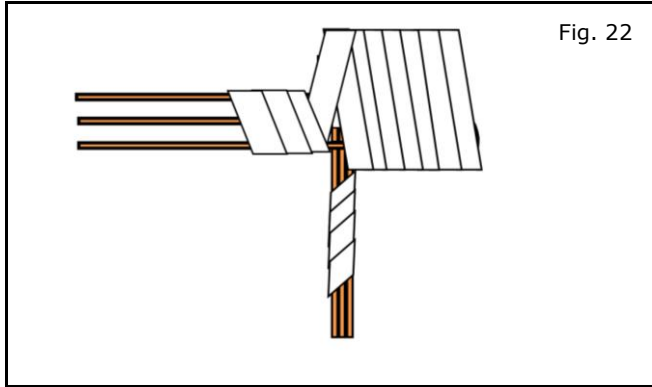


- 18) Securing multiple accessory taps (Fig. 20).
- Make sure the accessory taps have been wrapped appropriately as detailed previously and as shown.

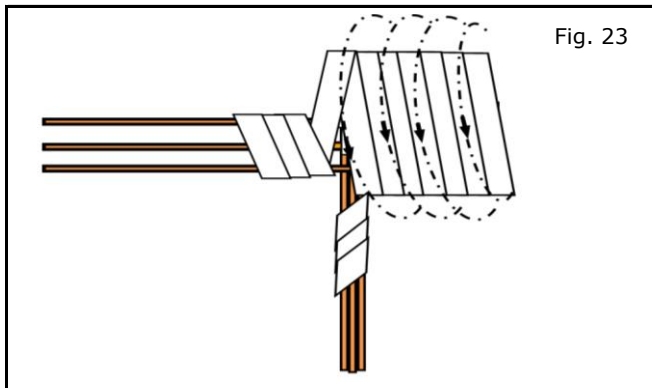


- 19) Securing multiple accessory taps
- Starting at heat shrink; firmly wrap posi-tap bundle with electrical tape or non-adhesive wire harness tape, making sure to overlap previous revolution.
- Note:** If using non adhesive tape secure at the of wrap with electrical tape ≥ 2 revolutions.

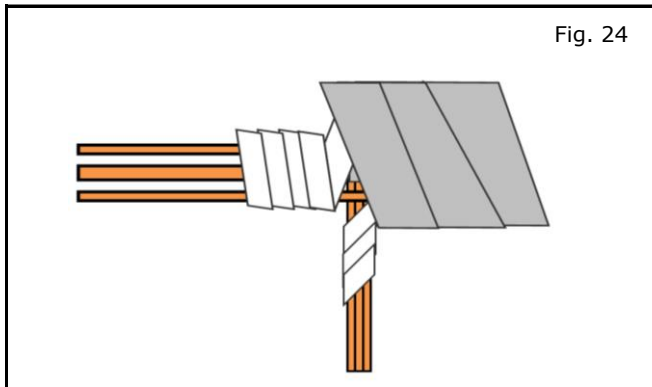
INSTALLATION PROCEDURE: POSI-TAP



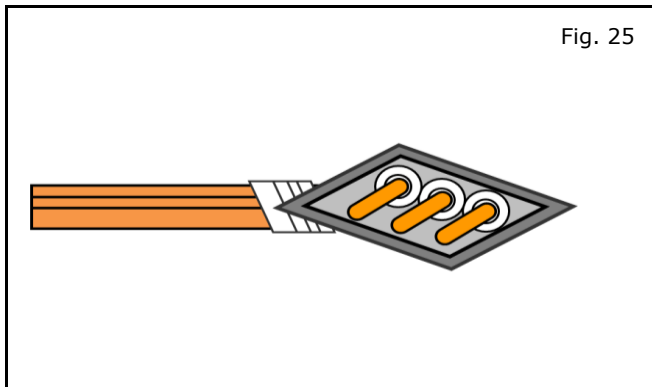
- 20) Securing multiple accessory taps
a) Make sure the finished wrap looks similar to Fig. 22.



- 21) Foam wrap for posi-tap bundle (foam strips)
a) Wrap the posi-tap bundle with foam tape, following a pattern similar to the electrical tape, making the best use of foam strips provided.

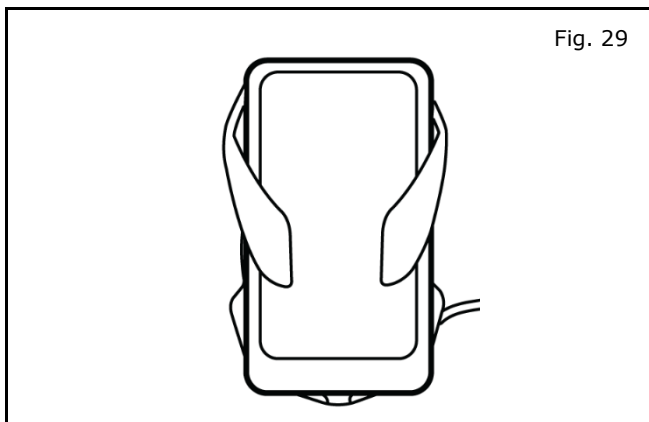
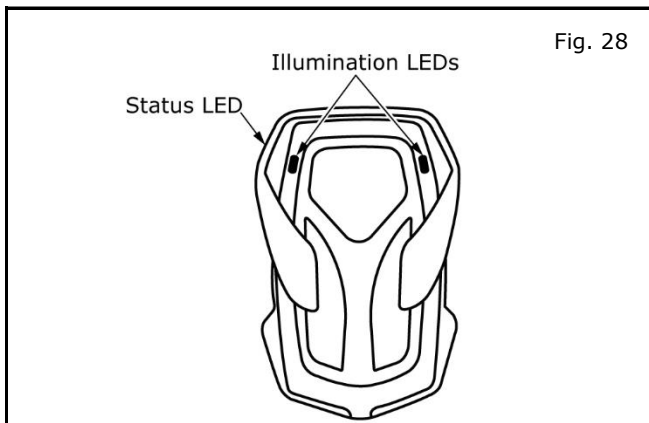
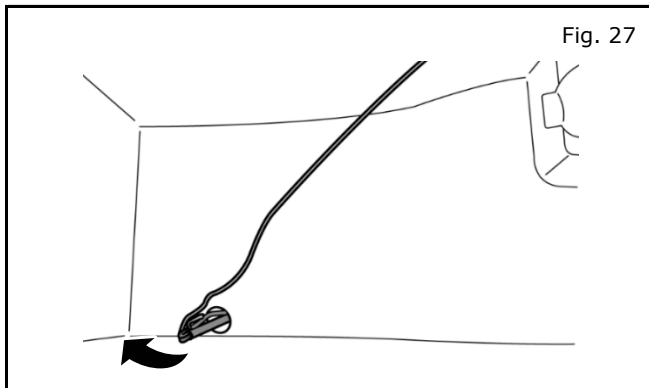
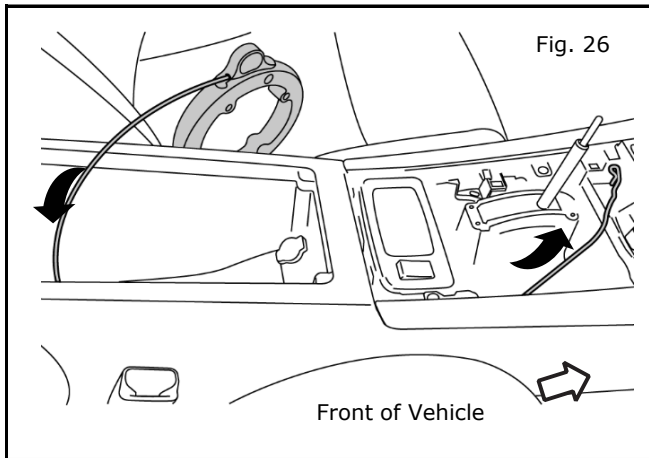


- 22) Finished foam wrap for bundle (strips-top view)
a) Make sure the finished wrap looks similar to Fig. 24.



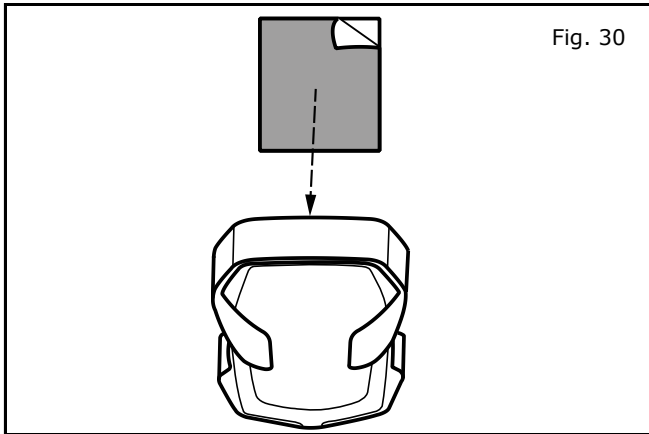
- 23) Finished foam wrap for bundle (strips-side view)
a) Make sure the finished wrap looks similar to what is shown in Fig. 25.

INSTALLATION PROCEDURE:



- 24) Fishing wire into console bin.
 - a) Feed fishing wire through previously drilled hole in console bin.
 - b) Attach harness to fishing wire and route harness under and into console bin through hole in bottom of bin.
 - c) Connect the wire harness connector to the Wireless Charging module at the bottom (look for the "click" to confirm the connection.)
- 25) Check Wireless Charger module function.
 - a) Connect Accessory Service Connector to D-Opt connector.
 - b) Connect harness to module.
 - c) Reconnect battery.
 - d) Place vehicle ignition in ACC position.
 - e) Two illumination LEDs will light, Status LED will blink RED and then turn off.
- 26) Check Wireless Charger module function (continued)
 - f) Optional: If mobile device compatible with Qi specification is available, place device in charging surface. Status LED will blink red once and then flash green. Mobile device should indicate it is charging.
 - g) Turn off vehicle.
 - h) Disconnect battery.
 - i) Disconnect Accessory Service Connector.

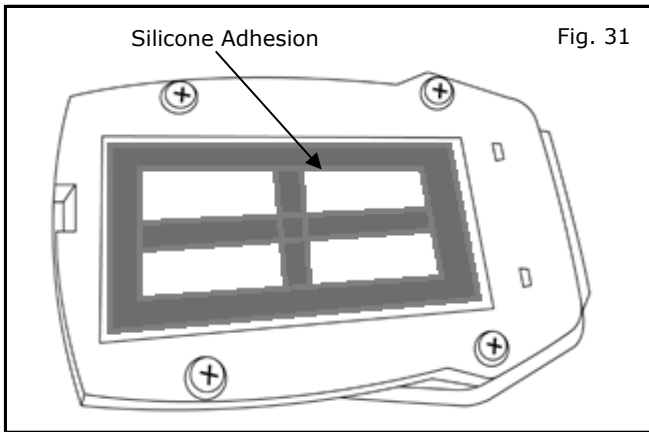
INSTALLATION PROCEDURE (Continued):



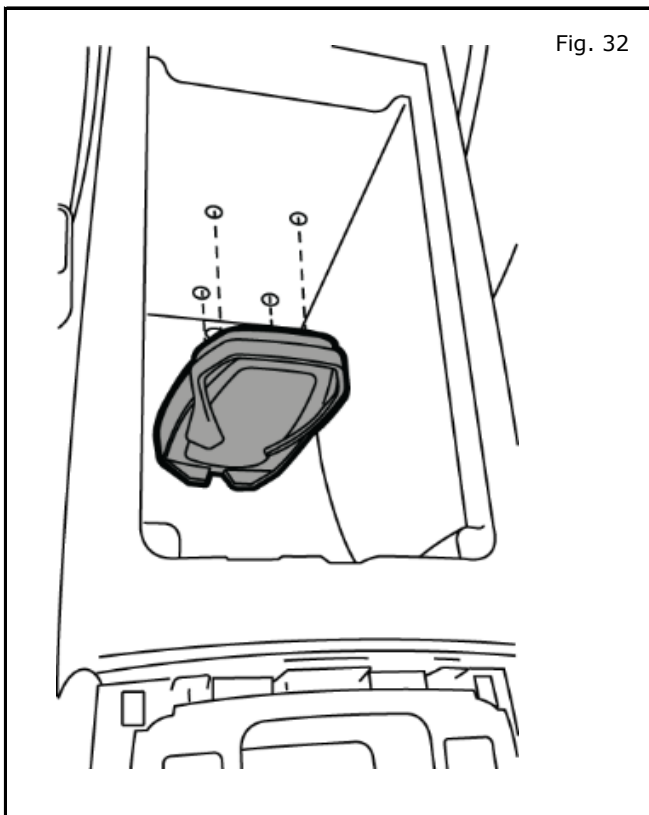
- 27) Follow the steps below after functionality is confirmed.

Install module to bin as follows.

- a) Remove liner from one side of double sided tape and adhere tape to back of module.
- b) Remove liner from other side of double sided tape.



- 28) Apply generous beads of silicone adhesion sealant (RTV) uniformly to ensure no dripping.

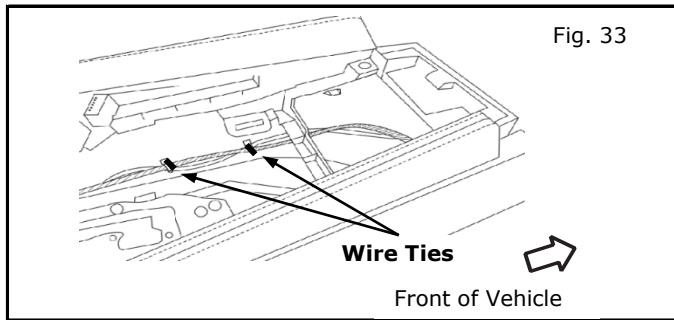


- 29) Align four bosses on back of module with four previously drilled location holes.

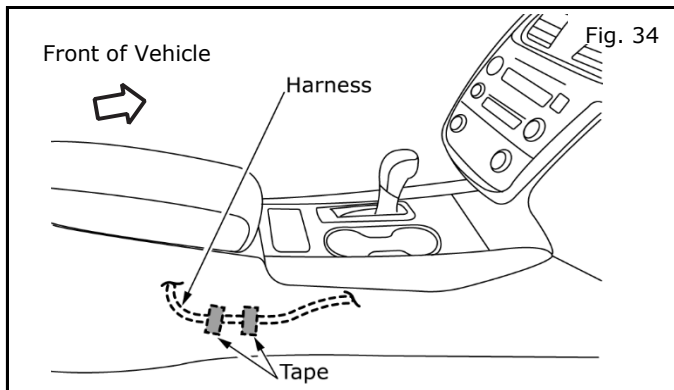
Press and hold module to bin to allow module to adhere.

Note: After the installation of the unit, allow the glue to cure for one day. DO NOT LOAD ANY PHONES FOR A PERIOD OF ONE DAY.

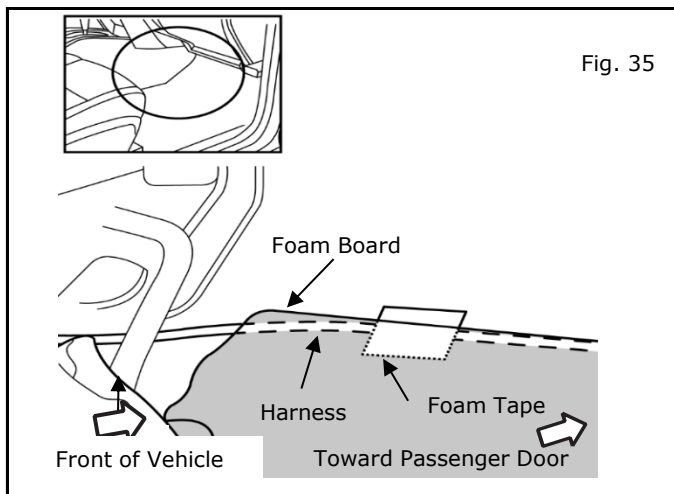
INSTALLATION PROCEDURE (Continued):



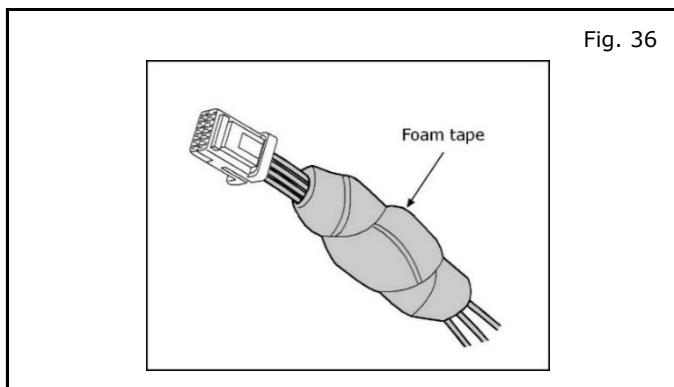
- 30) Route Wireless Charging Harness3
- Route charger harness to controller following the routing of the vehicle harness.
 - Install 2 wire ties as shown in Fig.33 .



- 31) Using foam tape, secure harness to side of console box in two places.

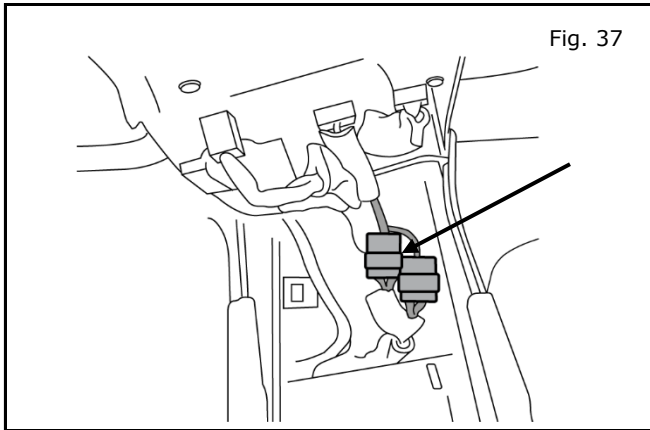


- 32) Route Wireless Charging harness.
- Route harness under foam panel under carpet.
 - Route charger harness behind HVAC drain tube and to center console area.
 - Under foam board, secure harness to floor with foam tape.



- 33) Secure bundle to existing harness near service connector using cable ties as shown.

Re-assembly process:



- 34) Reconnect all harness connectors to AT finisher panel.

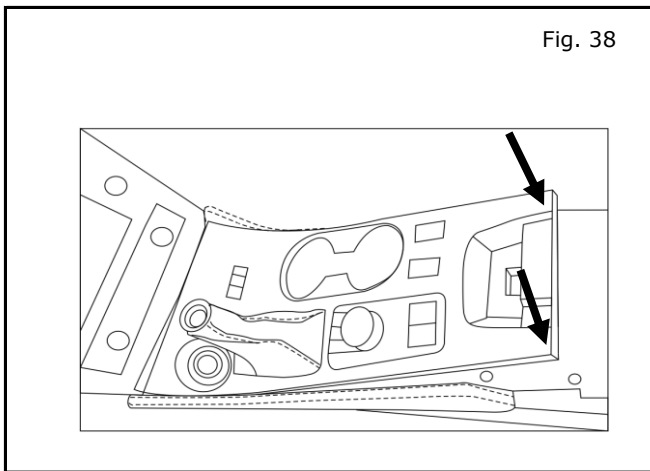
Firmly insert harness connector.

Listen for "Click" to confirm.

Apply a slight tug to connector to check.

NOTE:

Number of connectors will vary by model and vehicle equipment.



- 35) Reinstall AT finisher panel harness.

a) Return harness to original position.

b) Make sure harness and connectors are securely attached to original anchor points.

⚠ CAUTION

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

- Reconnect Accessory Service connector to vehicle harness.
- Reinstall center finisher, AT finisher, and kick panels.
- Connect harnesses to center console rear finisher connectors.
- Replace center console rear finisher.
- Reconnect battery, reprogram radio presets if required, and verify accessory operation

FINAL INSPECTION:

- Verify re-installed trim parts for proper flush fit (no gap, no waviness, etc.).
- Verify all clips are fully engaged and locked.
- Verify re-installed trim parts are free from cracks, scratches or stress marks.
- Verify vehicle headliner, seat, steering wheel, center console, floor carpets, etc. are not soiled.
- Verify interior and exterior is not damaged.
- Turn ignition switch to "ON" and confirm proper operation of Vehicle Systems
 - If equipped, verify all window and sunroof one touch operation and perform the reset procedure if necessary. Refer to the vehicle service manual for more details.
 - Confirm proper audio function (AM, FM, SAT, CD and AUX).
 - Confirm operation of heated seats if equipped.
- Start engine and verify that there are no new Diagnostic Trouble Code. Turn ignition switch to "**OFF**".
- Place the Owner Manual, Quick Reference Guide, and/or other Manual in the glove box.
- If this vehicle will be returned to a dealer lot or showroom for an extended period of time, be sure the extended storage switch is placed in the "inventory" position. Refer to the Extended Storage Switch verbiage at the beginning of the 'INSTALLATION PROCEDURE' section.

BILL OF MATERIALS:

Wireless Charging Kit - 999F7 V4000

Item	Part Description	Qty.	Service Part Number
	Wireless Charging Module	1	999F7 V4000
	Module/Handset Holder Assembly	1	999F7 V4006
	Harness Assembly	1	999F7 V4002
	Wire Tie	8	
	Foam Tape	11	
	Posi-Taps	2	999M1 VT000
	Drilling Template	1	
	Quick Reference Guide	1	999F7 V3010
	Poly Bag - Large	1	

ACCY_SER_CONN

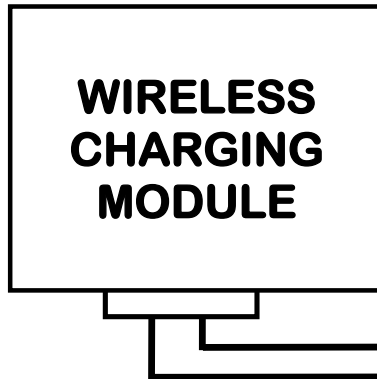
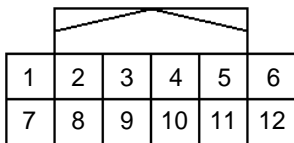
IGN	1
BAT	2
TAIL_LAMP	3
ROOM_LAMP	4
BAT_SAVER	5
FR_DOOR_SW_RH	6
FR_DOOR_SW_LH	7
THRU_SIGNAL_1	8
RR_DOOR_RH	9
RR_DOOR_LH	10
ACC	11
GND	12

WIRELESS CHARGERKIT

PASSENGER SIDE CONNECTOR



TH12FW-NH



Note: Pin location is referenced looking into wire side of connector.

