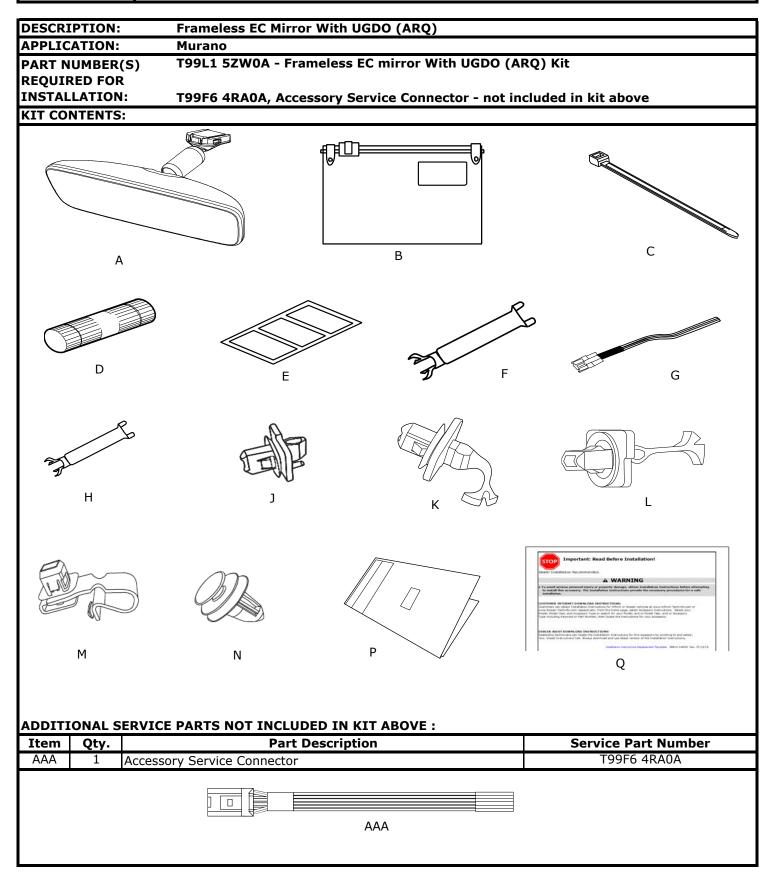


# **GENUINE PARTS**

# **INSTALLATION INSTRUCTIONS**



REQUIE INSTAL KIT CO	LATIO	N: T99F6 4RA0A , Accessory Service Connecto	r - not included in kit above
Item		Part Description	Service Part Number
А	1	Frameless EC Mirror W/UGDO	999L1 V5001
		UGDO Module	999S3 V5110
		UGDO Clip	999S3 V5111
В	1	Parts Kit	T98L1 5ZW0A
С	12	Cable Tie	
D	2	<ul> <li>Posi-Tap<sup>™</sup> Connector</li> </ul>	No Causian Daub Number
E	9	<ul> <li>Foam Tape, black, 60 x 45mm</li> </ul>	No Service Part Number
F	1	Wire Cover(Long)	Available as kit only Kit PN#T98L1 5ZW0A
G	1	<ul> <li>Harness Assembly- Ignition and Ground</li> </ul>	
Н	1	Wire Cover(Short)	
J	2	Clip(A-pillar) (Pink)	
К	2	<ul> <li>Tether Clip(A-pillar)(Green)</li> </ul>	These cline are not required for MV10
L	2	<ul> <li>Tether Clip(A-pillar)(Black)</li> </ul>	These clips are not required for MY19 Murano.
М	1	<ul> <li>Tether Clip(A-pillar)(Black)</li> </ul>	
Ν	1	<ul> <li>Clip(A-pillar)(White)</li> </ul>	
Р	1	User Guide	
Q	1	Installation Instruction website Address	

## **TOOLS REQUIRED:**

- 3mm Flat Screw Driver
- Nylon Trim Removal Tool
- Electrical tape

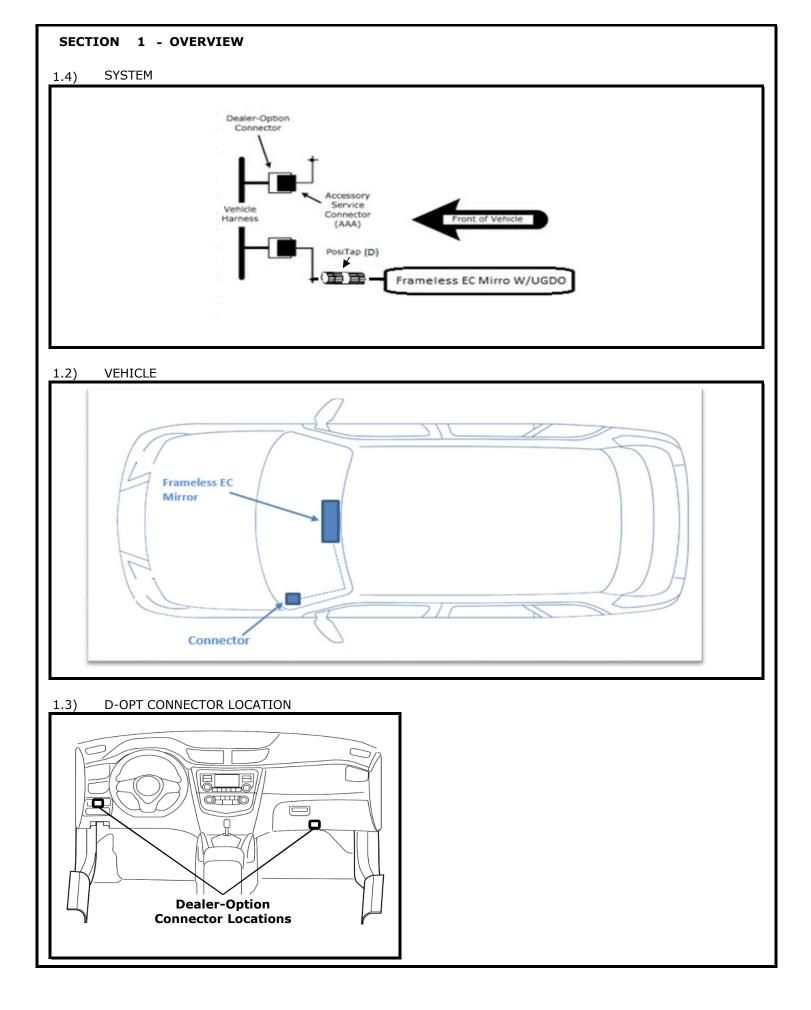
# **INSTALLATION CAUTIONS:**



- Dealer installation recommended. Instructions may refer to Service Manual.
- Please read this instruction carefully before installing this product for correct installation.
- Please DO NOT use or install the part in ways other than what is described.
- Always use floor, seat and steering wheel protection.
- Parts utilizing adhesion as method of attachment are to be installed at surface temperature of 15-38° C
- Posi-Tap<sup>™</sup> instructions must be specifically followed as described in Appendix A.
- Apply masking tape as needed to protect areas that may be scratched or damaged by tools.
- Always remove vehicle parts in the sequence directed. Improper procedure can damage parts.
- Take care not to scratch or damage any component during the removal or re-installation process.
- Trim pieces found to have witness marks or broken clips ARE NOT to be reinstalled.
- Store removed parts in a safe manner.
- If a problem occurs during installation, please contact Nissan dealer where you purchased the product.

- Screwdriver, Torx T-20
- Pliers

- Clean Rag
- Fish Wire

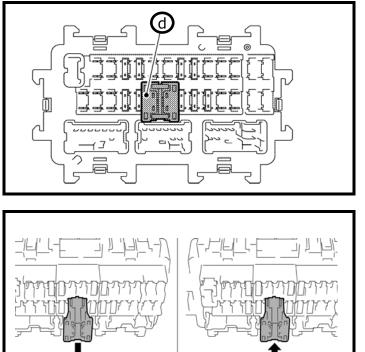


### SECTION 2 - VEHICLE PREPARATION

# CAUTION

• Always confirm the ignition is in the "OFF" position before changing the E.S.S. position.

• If E.S.S. is not in Customer Mode, there will be a loss of normal vehicle operation, preventing accessory function check.



- 2.1) Check Extended Storage Switch Position
  - a ) Put shift lever in "P" position for A/T and CVT or "1st" for M/T .
  - b) Apply park brake.
  - c ) Place ignition in "OFF" mode.
  - d ) Locate Extended Storage Switch in cabin fuse block as shown.
  - e ) Confirm Extended Storage Switch is in "Customer" (In/Engaged) position.
  - f ) If ESS is not In/Engaged, then proceed to step  $$2.2^{\circ}$$  .
- 2.2) Changing ESS Position
  - a ) To disengage Customer Mode, pull out in **A** direction as shown.
  - ${\sf b}$  ) To engage Customer Mode, press in  ${\bf B}$  direction as shown.

Condition	Switch Position	Note
Vehicle is delivered to the dealer	Transit (OUT)	
Vehicle is being stored at the dealer	Transit (OUT)	
Vehicle is delivered to customer	Customer (IN)	

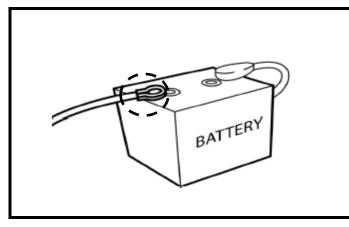
2.3) Record Customer Presets

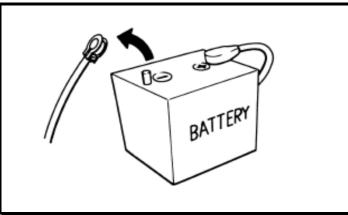
- a ) Place ignition in "ON" mode.
- b ) Record the customer radio presets and other presets as required.

Preset	1	2	3	4	5	6	7	8	9	10

c ) Place ignition in "OFF" mode.

## SECTION 2 - VEHICLE PREPARATION





- 2.4) Disconnect battery terminal
  - a ) Open vehicle hood.
  - b ) Locate negative battery terminal.
  - c ) Loosen nut with 10mm socket.

Battery Terminal Nut



# **A** CAUTION

- Allow 3 min after key off with doors closed for vehicle power to time out.
- 2.5) Disconnect battery terminal
  - a ) Lift negative battery terminal off stud.
  - b ) Isolate negative battery terminal.

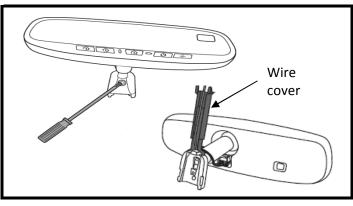


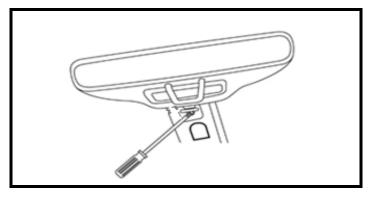
• Allow 3 min after negative terminal disconnect before separating any electrical connectors.

## SECTION 3 - REPLACING EC MIRROR W/COMPASS AND HOMELINK



# IF VEHICLE IS EQUIPED WITH EC MIRROR W/COMPASS AND HOMELINK FOLLOW STEP 3.1 - 3.3. OTHERWISE SKIP TO STEP 4.1



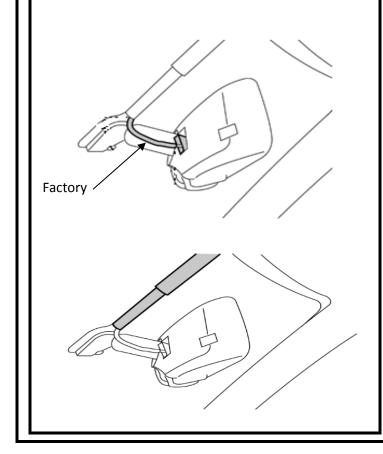


- 3.1) Remove Factory mirror
  - a ) Unplug connector from back of Factory mirror.
  - b ) Remove factory mirror using Torx T-20 Screw driver.
  - c ) Discard the wire cover removed from factory mirror.
- 3.2) Frameless Mirror Installation
  - a ) Slide Frameless mirror base over mirror button on windshield.
  - b ) Using T-20 Torx head driver tighten screw on mirror mount with force of 1.5-2.0 Nm(1.3ftlbs)

- 3.3) Frameless Mirror Installation
  - a ) Plug factory harness connector (unpluged from factory mirror) into back of frameless mirror, pressing firmly until a "click" is heard. Pull GENTLY on harness to confirm harness is seated completely.
  - b ) Route the harness into the groove of wire cover and attached to the mirror mount.
  - c ) Slide the forks, on top of the wirecover(F) into headliner.
  - d ) Follow step 6.5 to 6.7 on page No. 14 to complete Fuction check and Page 16 for Final Checklist.

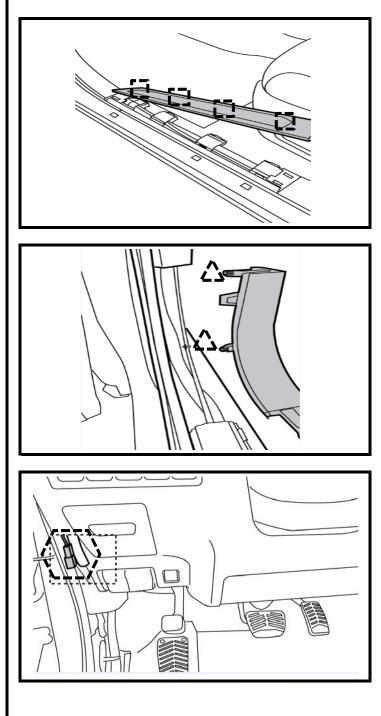


• Do not need harness(G) in kit if replacing EC Mirror W/compass and UGDO.



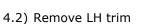
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## SECTION 4 - TRIM REMOVAL



- 4.1) Remove LH trim
  - a ) Disengage lower trim clips by pulling toward interior.
  - b ) Lift sill plate up and out as shown.

**Trim Clip** 



- a ) Remove trim fastener from lower kick trim by unscrewing with hand.
- b ) Disengage lower kick trim pawl by pulling toward interior of vehicle as shown.

Pawl

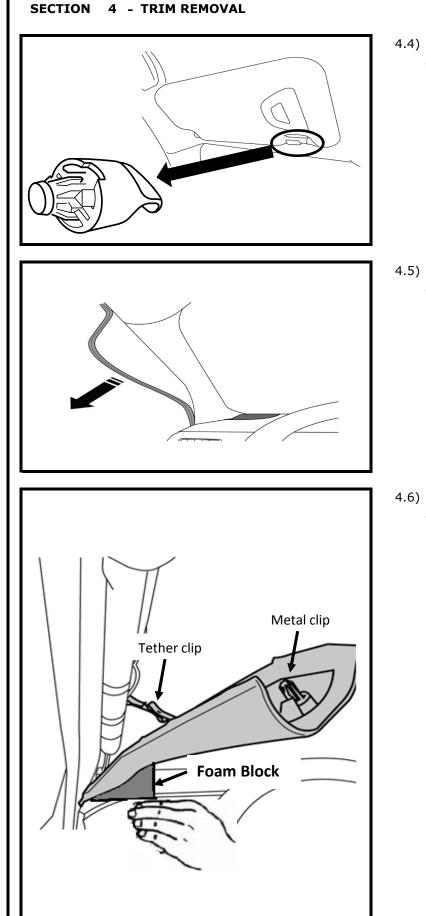


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- 4.3) Locate LH D-Opt connector
  - a ) Locate Dealer-Option connector taped to main harness bundle.
  - b ) Carefully tear or cut tape to free Dealer Option connector.
  - c ) Unfold Dealer-Option connector and let hang as shown.

**D-Opt Connector** 





- 4.4) Remove Sun Visor Clip
  - a ) Rotate sun visor clip counterclockwise and remove.

- 4.5) Remove LH weather strip.
  - a ) Using a panel removal tool, loosen driver side weather strip and remove from top of the A-pillar to insturment panel.

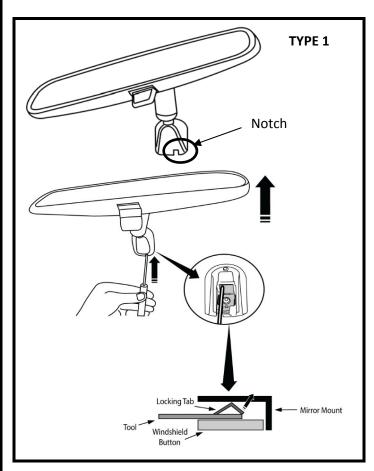
- 4.6) Remove LH A-pillar Trim
  - a ) Partially remove LH A-pillar trim by disangaging metal clips only. So, A-pillar stay attached to vehicle body with teather clip.
  - b ) Place a block of foam between dash and Apillar (as shown in picture) to protect any damage to teather clip and A-pillar trim.

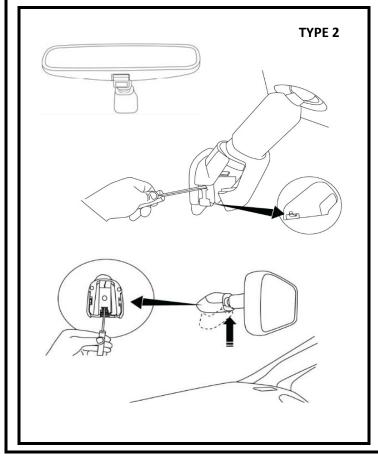
# **A** CAUTION

• Exercise caution when partially removing and installing LH front pillar garnish due to side airbag placement.

• Do NOT Pull on LH A-pillar garnish teather clip.

# SECTION 5 - INSTALLATION PROCEDURE





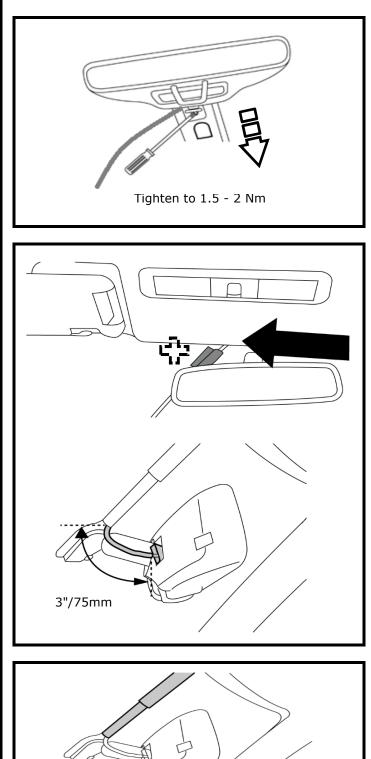
5.1) Remove Factory Mirror

Identify Factory Mirror by looking at mirror Base. If factory mirror base have notch as shown, then remove mirror following step 5.1 (a) to (d). Otherwise skip to step 5.2.

- a) Slide flat end of 3mm screwdriver into opening at bottom of mirror mount until resistance is felt.
- b) Apply additional upward force and twist 90 degrees to lift lock spring.
- c) Lift mirror upward off mirror mount while applying pressure with screwdriver, grasp mirror and lift the mirror up towards headliner and off mirror mounting bracket.
- d) Discard Mirror.

- 5.2) Remove Factory Mirror
  - a ) Using trim removal tools, remove plastic cover from mirror mount to expose plastic tab.
  - b) Locate locking tab at bottom of mirror mount.
  - C) Insert 3mm flat end screwdriver into opening at bottom of mirror mount.
  - d) Push screwdriver up into mount to disengage plastic locking tab.
  - e) While still applying upward pressure with screwdriver, grasp mirror and lift the mirror up towards headliner and off mirror mounting bracket.
  - f) Discard Mirror.

# SECTION 5 - INSTALLATION PROCEDURE



- 5.3) Install Frameless EC Mirror
  - a ) Plug harness(G) connector into back of mirror, pressing firmly until a "click" is heard. Pull GENTLY on harness to confirm harness is seated completely.
  - b) Slide Frameless mirror base over mirror button on windshield.
  - c) Using T-20 Torx head driver tighten screw on mirror mount with forse of 1.5-2.0 Nm(1.3ftlds)
- 5.4) Install Frameless EC Mirror
  - a) Wrap 1 piece of foam tape(E) around harness and, using panel removal tool, tuck harness between headliner and roof above EC mirror.
  - b) Verify that approximately 3" (75mm) of wire are between top of windsheild button and connector on back of mirror. Failure to allow appropriate length will result in limited to no movement for mirror.

Foam Tape (E)



- 5.5) Install Wire Cover
  - a ) If a wire cover was removed from OE mirror, discard OE wire cover and use new wire cover from kit contents.
  - b) Route harness into groove of wire cover (F) and attach to mirror mount.
  - c) Verify cover is properly seated and aligned.
  - d) Grasp mirror and rotate downward as shown.Check to ensure wire cover sits its flush against windshield.
  - e) If there is a gap between wire cover and windshield, ensure there is enough harness slack from mirror to headliner. Adjust if necessary.

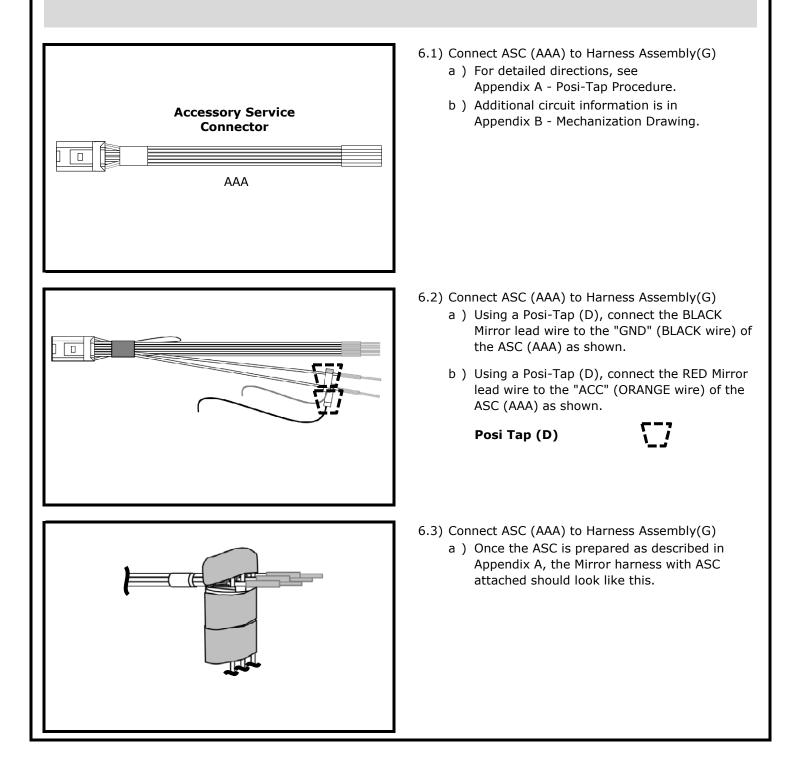
# SECTION 5 - INSTALLATION PROCEDURE 5.6) Install Frameless EC mirror Harness a) Wrap three additional pieces of foam tape(E) around mirror harness, evenly spaced along headliner as shown. b) Using a panel removal tool, tuck wire harness between headliner and roof. Foam Tape (E) 5.7) Install Frameless EC mirror Harness a ) Route harness down driver side A-pillar and secure to existing vehicle harness with 5 cable ties. A-Pillar Trim Still Partially attached Cable Tie (C) **A** CAUTION Do not use cable tie with airbag. 5.8) Install Frameless EC mirror Harness a ) Feed harness through top of dash near Apillar. b ) Feed harness from upper dash to lower driver side kick panel area. Secure Mirror harness to body harness in driver side kick panel area with 1 cable tie. Cable Tie (C) EC Mirror Harness



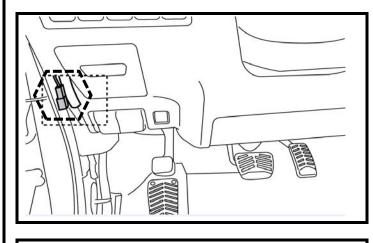
# **A** CAUTION

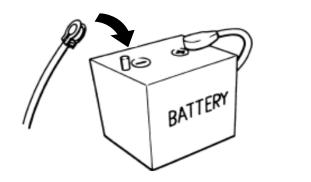
• The Accessory Service Connector is for use ONLY with Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories. Use of this connector with non Genuine Nissan (or Infiniti) or Nissan (or Infiniti) approved accessories or failure to follow the installation instructions for said connector being mentioned herein may result in damage to the accessory and/or your vehicle.

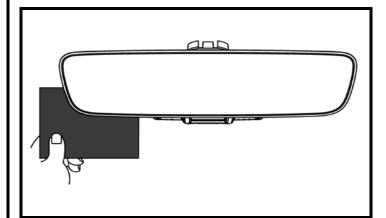
• Nissan/Infiniti is not liable for loss or damage due to improper installation or installation of non Genuine or non approved accessories.



## SECTION 6 - ASC CONNECTION & FUNCTION CHECK







6.4) Connect ASC (AAA) to Harness Assembly(G)a) Plug LH ASC into LH D-Opt connector.

**D-Opt Connector** 



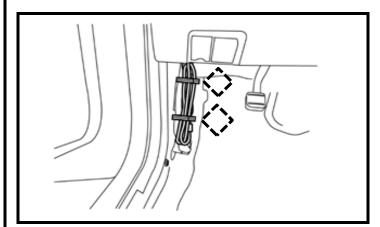
- 6.5) Electrical function check
  - a) Re-connect negative battery cable.
  - b) Turn IGNITION ON.
  - c) Ensure vehicle is in well lit area.

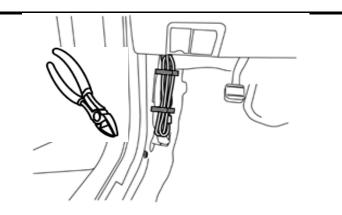
- 6.6) Electrical function check
  - a) Cover the forward-looking photocell (located to driver side on back of mirror) with a dark cloth or towel. After a few seconds, the mirror should begin to darken. Timing will vary with ambient light levels and a flashlight may be shined on the rearward photocell if needed, to accelerate
  - b) Remove the cover from the forward-looking photocell and mirror will begin to clear.
- 6.7) Electrical function check
  - a) If NG,Check harness routing, connections and Mirror to identify rootcause.

# A CAUTION

When diagnosing electrical system problems, first disconnect the accessory connectors and note effect on vehicle system. Continue the investigation with the accessory connector disconnected. Reconnect when the investigation is complete.

# SECTION 7 - FINAL





- 7.1) Secure Wire harness
  - a) Bundle excess Mirror harness in loop in area shown.
  - b) Secure the bundle to existing harness with 2 Cable ties.

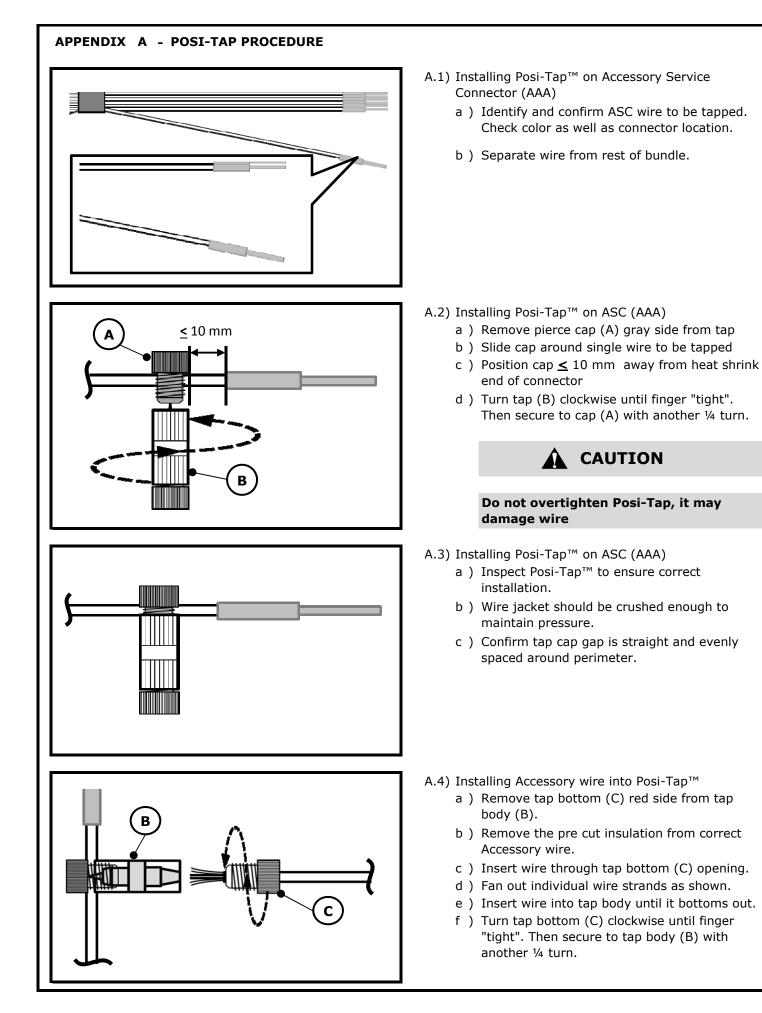
Cable Tie (C)

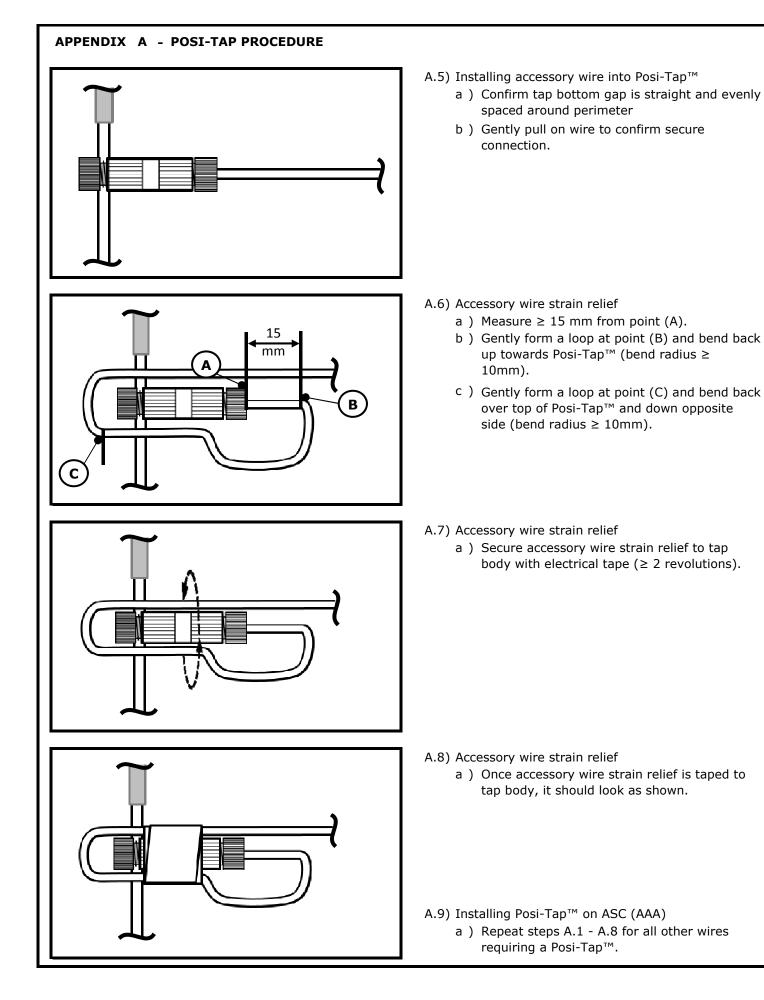


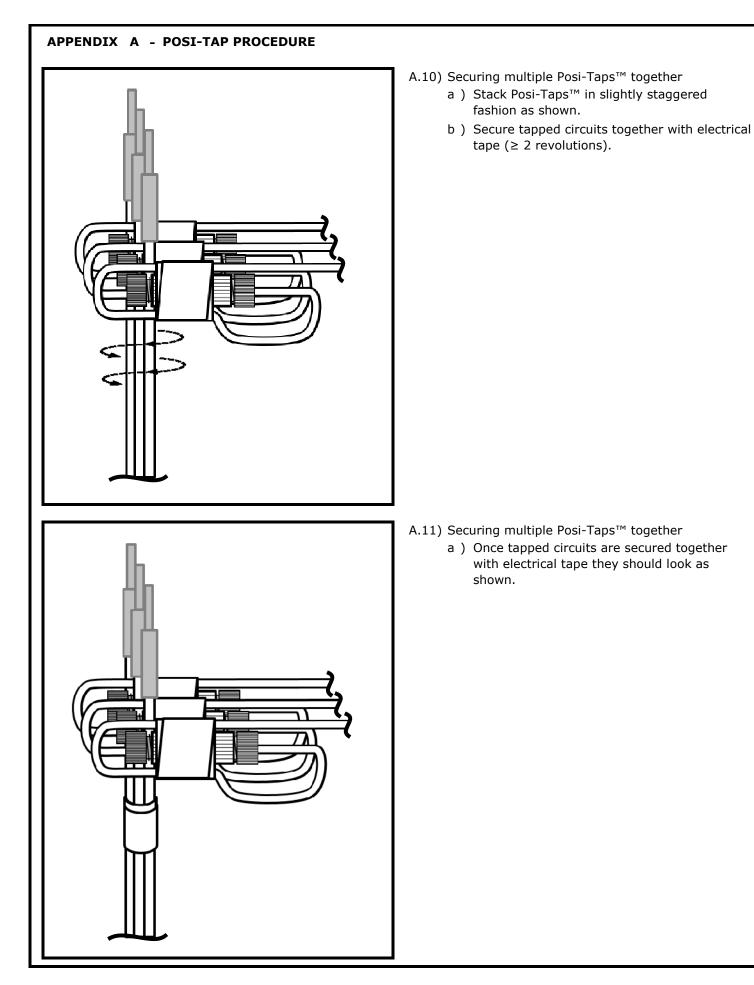
- 7.2) Secure Wire harness
  - a) Cut excess length from all cable ties with wire cutting pliers.
  - b) Verify all wiring is secure.

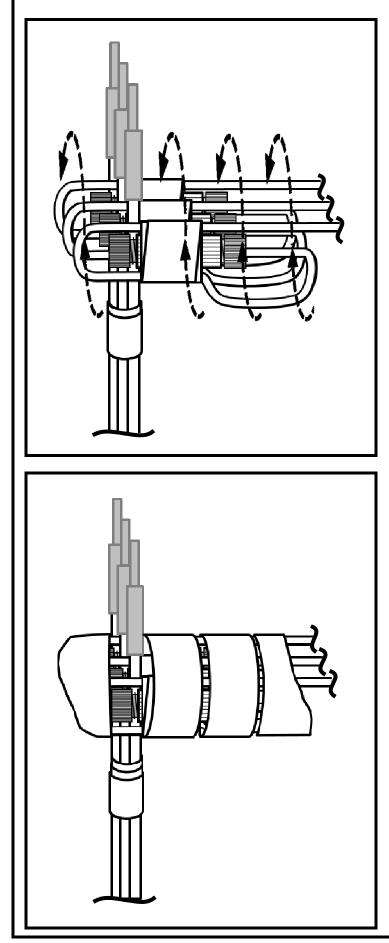
- 7.3) Re-install trim
  - a) Re-Install interior trim that was removed in Section 4- Trim Removal.

SECTION 7 - FINAL								
<b>A</b> CAUTION								
Take care not to scratch or damage any component during the removal or re-installation process. Tripieces found to have witness marks or broken clips should be replaced with new parts.	m							
7.4) Complete checklist:								
Tighten battery terminal nut to 5 N-m.								
Verify re-installed trim parts for proper fit (no gap, waviness, etc.), particularly the door sill weather strip.								
Verify all windows and sunroof (if equipped), one touch operation and perform the reset procedure if necessary. Refer to the vehicle Service Manual for more details.								
If this vehicle will be returned to a dealer lot or showroom for an extended period of time, be sure th Extended Storage Switch is placed in the Transit position. See step 2.1 .	e							
Re-program radio presets and other vehicle settings to the recorded settings if necessary.								
Remove all tools, templates, and other debris from interior of vehicle.								
Verify vehicle headliner, seat, steering wheel, center console, carpet, etc. are not soiled.								
Verify interior and exterior are not damaged.								



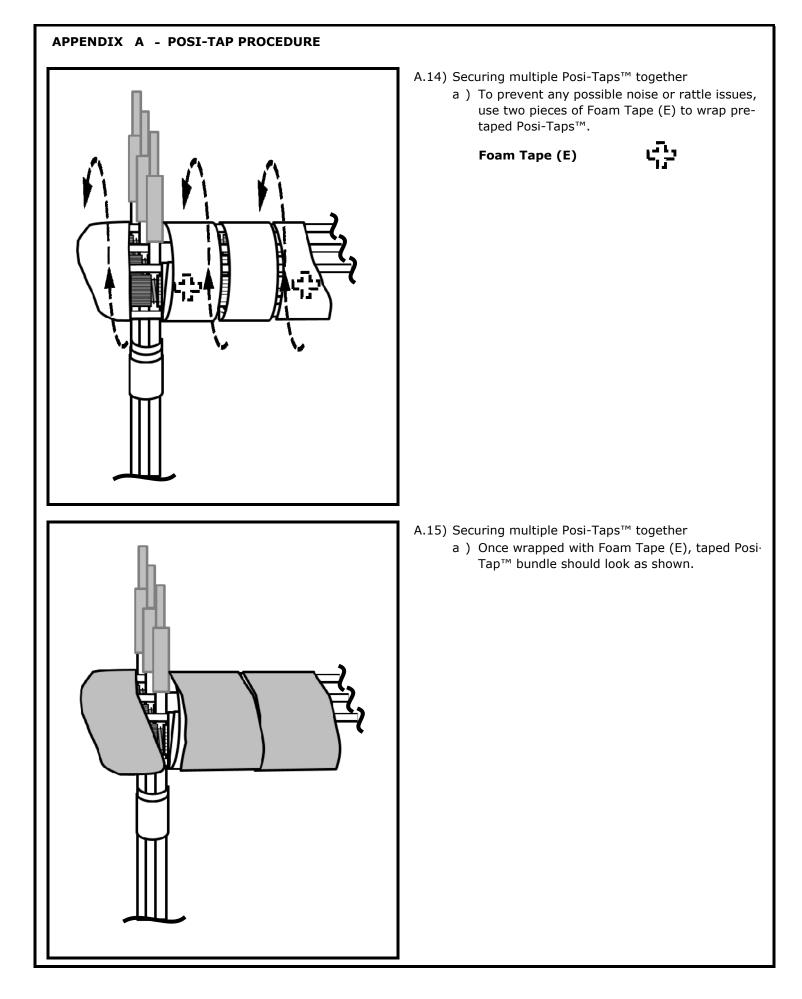


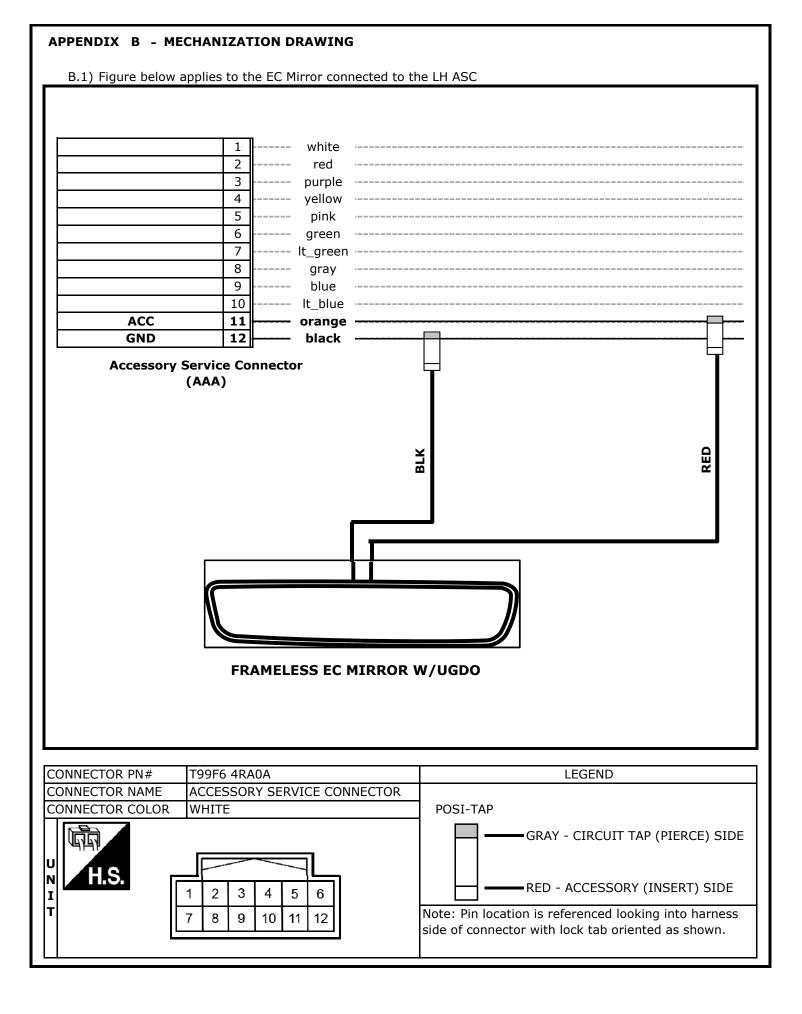




- A.12) Securing multiple Posi-Taps<sup>™</sup> together
  - a) Secure Posi-Taps<sup>™</sup> together with electrical tape (≥ 4 revolutions).

- A.13) Securing multiple Posi-Taps<sup>™</sup> together
  - a ) Once Posi-Taps<sup>™</sup>are secured together with electrical tape they should look as shown.





## Frameless Mirror with (ARQ™) Universal Remote Control Reference Guide

Read instructions thoroughly BEFORE beginning. If using the remote control with residential door openers, the remote control must be used only with door openers manufactured after 1993 that utilize photoelectric sensors. The photoelectric sensors are always located on or near the bottom of the door track.

### **ONLINE INSTRUCTIONS AND HOW-TO-VIDEOS**

Go to http://arq.chamberlain.com for additional instructions and How-to-Videos.

#### COMPATIBILITY

Compatible with most garage door openers manufactured by Chamberlain®, LiftMaster®, Sears Craftsman®, Garage Master®, Genie®, Linear®, Stanley®, Overhead Door®, Wayne Dalton®, Moore-O-Matic®, Do-It®, Master Mechanic®, Raynor®, Sommer®, True Value®, and Xtreme Garage™. For a complete list of compatible products, go to <a href="http://arg.chamberlain.com">http://arg.chamberlain.com</a>

### 

 If using the remote control with residential door openers, the remote control must be used only with door openers manufactured after 1993 that utilize photoelectric sensors. The photoelectric sensors are always located on or near the bottom of the door track.

To prevent possible SERIOUS INJURY or DEATH from a moving door:

 ALWAYS keep remote controls out of reach of children. NEVER permit children to operate, or play with remote control transmitters.

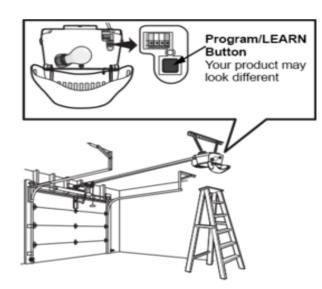
Activate door ONLY when it can be seen clearly, is properly adjusted and there are no obstructions to door travel.

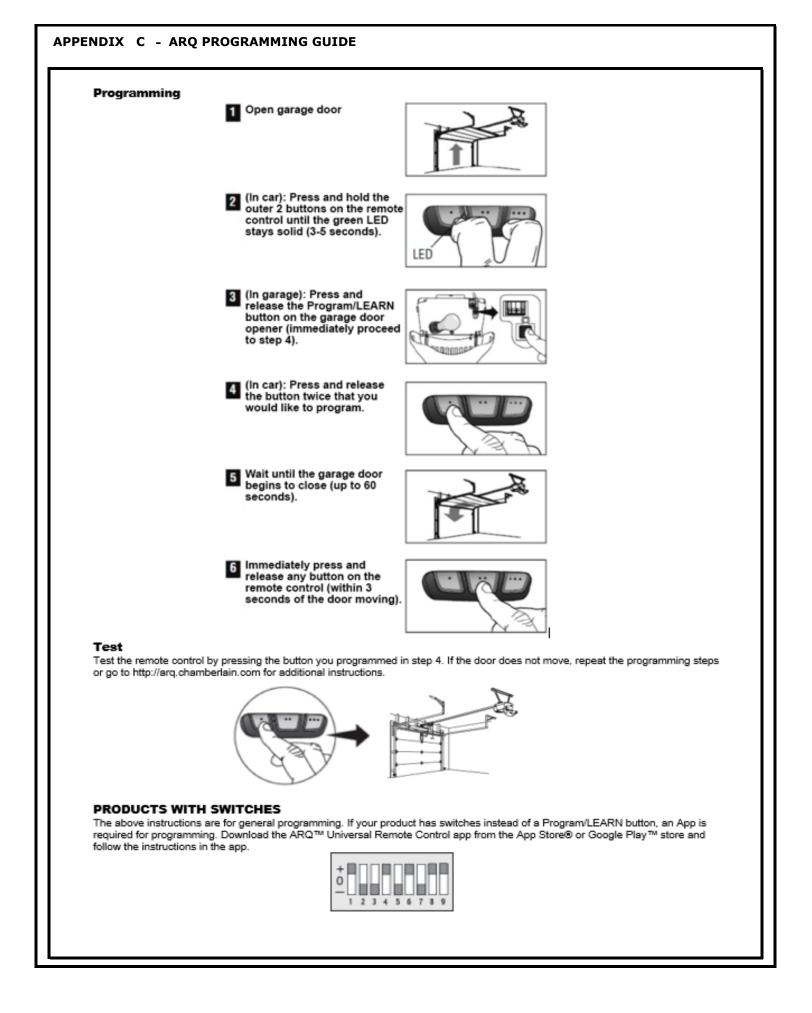
ALWAYS keep door in sight until completely closed. NEVER permit anyone to cross path of moving door.
 Your vehicle's engine should be turned OFF while programming the ARQ universal remote control. Do not breathe exhaust

gases; they contain colorless carbon monoxide. Carbon monoxide is dangerous. It can cause unconsciousness or death.

### Before You Begin

- 1) Locate the Program/LEARN button on your garage door opener (typically located on the back or side panel).
- IMPORTANT: The remote control will activate your door during programming. Ensure door area is clear of ALL
  obstructions.





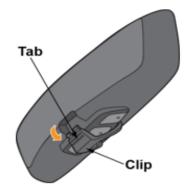
### Additional Programming

Program up to three products, such as a garage door opener, lighting, or gate operator with your ARQ<sup>™</sup> Universal Remote Control. Each button must be programmed separately.

IMPORTANT: The remote control will activate your door during programming. Ensure door area is clear of ALL obstructions.

### Removal of the Universal Remote Control (ARQ™)

Press the tab on the back of the remote control clip and pull down, Remove the remote control from mirror. DO NOT remove while vehicle is moving.



### Replacement of the Universal Remote Control (ARQ™)

Insert the remote control in the mirror. Secure it by rotating the clip upwards and pressing the tab into place. DO NOT replace while vehicle is moving.



#### Need Help?

Go to http://arg.chamberlain.com or call 1-877-ARQ-SYNC (1-877-277-7962)

### 

To prevent possible SERIOUS INJURY or DEATH:

- DO NOT use a visibly damaged remote control or battery.
- DO NOT attempt to repair the remote control or battery.

If battery is swallowed, immediately notify doctor.
 To reduce risk of fire, explosion or chemical burn:

• DO NOT recharge the battery, disassemble, heat above 212°F (100°C) or incinerate.

The remote control contains a Lithium battery that is not serviceable or replaceable. Dispose of remote control properly.

**NOTICE:** To comply with FCC and/or Industry Canada (IC) rules, adjustment or modifications of this transceiver are prohibited. THERE ARE NO USER SERVICEABLE PARTS. This device complies with Part 15 of the FCC rules and IC RSS-210. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Fhis device must be installed in a way where a minimum 8" (20 cm) distance is maintained between users/bystanders and device



