

# **GENUINE PARTS**

# **INSTALLATION INSTRUCTIONS**

ART N	UMBER	: T99F3 4RA0A	
	NTENTS		
Item	Qty.	Part Description	Service Part Number
А	1	Control Module	T99F3 4RA3A
В	1	Foot well lights and harness assembly	T99F3 4RA1A
С	1	Cup holder lights and harness assembly	T99F3 4RA2A
D	1	2-Button color selection switch	T99F3 4RA4A
E	1	Hardware Kit	T99F3 4RA5A
	2	Screw Phillips M6x16mm	01454 0015U
	2	Clip Pushpin 8.0mm	01553 05933
	10	Wire tie 8in black	N/A
	3	Carpet tape	48mmX89mmx1mm
	2	Adhesive Back Foam	60mmX90mmX5mm
F	1	Vehicle interface harness	T99F3 4RA7A
G	1	Quick Reference Guide (QRG Booklet)	T99F3 4RA6A
Н	1	Installation Reference Card (I/I Access Instruction Card)	999V2 AW000
	0	<ul> <li>Accessory Harness (PN 999Q9 AY001) NOT included</li> </ul>	i. 999Q9 AY001
	-	Must be ordered by Dealership Parts Department.	
6	00		
E	17 27 29999 999999	G G	Exter Installation Reserved.         Image: The Control of Contr
• Tr • #2 • Si	2 Phillip de Cut F	(nylon)• LED & Switchs screw driver• 90 degree sn	n Location Templates nall drill designed for small spaces 7/16" pilot point drill bits pe
RE-IN	STALLA	TION WARNINGS, CAUTIONS, CRITICAL STEPS, and NOTE stallation Recommended. Instructions may refer to Service Manua	S:
		<b>A</b> CAUTION	



## Vehicle outline with installation overview



- A) Controller Module
- B) Foot Well Lamps
- C) Cup Holder Lamps
- D) Switch

- 1) Apply park brake
- 2) Turn ignition switch to "**ON**" position
- 3) Record the customer radio presets and other presets as required

Preset	1	1	2	3	4	5	6	

4) \*Adjust front seats to full rearward position \*Place gear selector in "N" neutral

5) Turn ignition switch to "**OFF**" position



- Disconnect the negative battery terminal.
  - a) Lower both the driver and passenger windows to prevent damage.
  - b) Disconnect the negative battery terminal.



(continue)



# 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.
- 8) Console finisher panel clip locations

# NOTE:

7)

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

9) Console finisher panel clip detail.

- 10) Remove console finisher panel
  - a) Starting at the 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 sid clips are released, pull finisher toward rear of console to remove.
  - d) Disconnect connectors and set finisher aside.





2)	Carefully pry out the center footwell panel from the
	passenger side of the center console

a) Pull out at center and slide to the rear.

## NOTE:

Be sure the front retainer clip stays with the panel.

13) Access to foot well lamp installation location on the back of the glove box is from foot well area.

### NOTE:

Service Connector location on right A-Pillar.

- 14) Attach passenger side lamp to back of glovebox.
  - a) Securely attach lamp to molded boss with two(2) M5X16M screws supplied in kit.

### NOTE:

# Lamp orientation with bracket up.

1 piece of carpet tape provided in kit.

- 15) Attach ECU to inside of vehicle console
  - a) Peel release liners off ECU adhesive tapes.
  - b) Position ECU on left inner side of console, just behind cross brace as pictured.
  - c) Firmly press module to console wall and hold in place for 30 seconds.

(continue)



- 16) Locate the passenger side Accessory 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.
- 17) Connect lighting power harness to the accessory connector harness using posi-taps.
  - a) Connect the **BLACK** wire from the power harness to the **BLACK** wire on the accessory connector harness.
  - b) Connect the **ORANGE** wire from the power harness to the **ORANGE** wire on the Accessory Connector Harness.
  - c) Connect the **PINK** wire from the power harness to the **PINK** wire on the Accessory Connector Harness.
  - d) Connect the **YELLOW** wire from the power harness to the **YELLOW** wire on the Accessory Connector Harness.

#### NOTE:

Do not connect BROWN wire to Accessory Connector. Tape back to power harness.

### NOTE:

Follow Posi-Tap Instructions (pages 7 - 11) and then connect Accessory Connector to service connector.

- 18) Route interface harness.
  - a) Route harness under carpet.
  - b) Use carpet tape supplied in kit to secure harness to floor padding.
- 19) Routing main power harness.
  - a) Route main lamp harness behind HVAC drain tube and to center console area.
  - b) Route main lamp harness to controller following the routing of the vehicle harness.
  - c) Install 2 wire ties as shown in Fig. 19.Trim excess length of wire tie after secured.





- Secure the tap.
  - a) Secure the tapped wire on the non-pierce side to the body of the tap with electrical tape (≥ 2 revolutions).
  - b) Secure the body to harness where vehicle wire is being tapped with electrical tape (≥ 2 revolutions).
- Secured tap.
  - a) Secured tap should look silmilar to Fig. 7

Secure the tap.

- a) Secure the tapped wire on the non-pierce side to an existing anchor point such as harness, clip, metal structure, etc. within 1" (25.4 mm) with electrical tape (≥ 2 revolutions)
  - b) Secure the body to an existing anchor point such as harness, clip, metal structure, etc. nearby with cable tie or electrical tape (≥ 2 revolutions).
- ) Form drip loop

**Note:** Apply when wire section near Posi-Tap termination is in wet area (engine room, doors, trunk, interior along the floor, etc.)). Posi-Tap must be located in non-wet area. Insert this figure and step before step 5)

- a) Form 1st loop away from Posi-Tap. Bend radius is  $\geq$  6mm (.25").
- b) Form 2nd loop. Diameter is  $\geq$  25.4mm (1").
- c) Measure to make sure that the height from the bottom of the drip loop to the middle of the Posi-Tap is  $\geq$  50 mm (2").

Posi-TapTM is protected by patent # 5,228,875 5,695,369 5,868,589 6,692,313 Jap 2881414 Aus 708700 Tia 103534 Can 2204826 Mex 200626 Korea 477279 China Z197105562.9 & others pending.

# 6.2b Wrapping Posi-taps with foam to prevent squeak and rattle.





Prep for foam wrap.

1)

2)

a) Make sure the accessory taps have been wrapped appropriately as detailed previously and as shown in Fig 1)

- Pre- foam protective wrap
  - a) Starting at the heat shrink; firmly wrap the positap bundle with electircal tape or non-adhesive wire harness tape, making sure to overlap the previous revolution.

### Note:

If using non adhesive tape secure at the of wrap with electrical tape  $\ge 2$  revolutions.

- Finished protective wrap
  - a) Make sure the finished wrap looks similar to Fig. 3

# IF securing w/ foam strips.



- 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.

- Finished foam wrap for bundle (strips-top view)
  - a) Make sure the finished wrap looks similar to Fig. 5

- Finished foam wrap for bundle (strips-side view)
  - a) Make sure the finished wrap looks similar to Fig.6



Foam wrap for posi-tap bundle (foam rectangle) a) Remove backing material from foam square.

- Finished foam wrap for bundle (rectangle-top view)
  - a) With the foam square length wise, place the posi-tap bundle on half of the foam square. Gently crease along the width.

- Finished foam wrap for bundle (rectangle-side view)a) As the foam square is folded over the posi-tap
  - bundle, make sure the bundle is centered in the foam.

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(continue)





Do Not Disturb Drain Tube Do Not Apply Wire Tie to Tube Ensure Harnesses Route Behind Tube





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

# Note:

Be sure front retainer clip stays with side panel. panel.

- 21) Pass driver side lamp thru console under HVAC unit.
  - a) Pass driver side lamp to from right footwell area left foot well area.
  - b) Route lamp harness with connector along main harness to rear of console.

- 22) Mount lamp on driver lower instrument panel.
  - a) Locate pre-drilled holes in panel.
  - b) Place bracket on back side of panel.
  - c) Use 2 push-pin fasteners supplied in kit to secure lamp to panel.

- 23) Secure lamp harness with wire ties.
  - a) NOTE LAMP ORIENTATION LED must shine downward.
  - b) Install 2 wire ties as shown in Fig. 23.
  - c) Trim excess tag end from wire ties.









(continue)



43) ECU Connection Port Identification

a) 5 pin **OUT** ports
 Plug footwell lamps into any 5 pin **OUT** port.
 Plug cup holder lamps into any 5 pin **OUT** port.

- b) Plug power harness into 7 pin **VEHICLE** port.
- c) Plug switch into 4 pin **SWITCH** port.
- 44) Switch connection
  - a) Route main harness to controller module.
  - b) Plug main harness into 7 pin **VEHICLE** port.
  - c) Press firmly, listen for "Click" and give a slight tug to check.
  - d) Route switch harness to controller module.
  - e) Plug switch harness into 4 pin **OUT** port.
  - f) Press firmly, listen for "Click" and give a slight tug to check.a slight tug to check.
- 45) Reinstall console finisher panel
  - a) Position finisher panel over console.
  - b) Connect finisher panel harness connectors.

### **NOTE:** Conduct Function Check for ALL Systems

- c) Align clips and lower into position.
- d) Press down on finisher panel to engage clips.
- 46) Reinstall Gear Selector Knob
  - a) Check clip for proper installation on knob.
  - b) Place knob on lever and press down.
  - c) Pull boot up and secure retainer ring to base of shift knob.

ACC	ESSORY CHECK: (Must for any accessory that uses the vehicle battery for power)
	Connect the battery negative terminal and tighten the nut to 5.4 N-m (47.8 lb-in)
	Check all Critical Installation Steps.
	Verify all wiring is secure and not exposed.
	Trim all excess cable ties flush.
	Turn ignition switch to " <b>ACC</b> " position.
	Confirm accessory main features and functions. Confirm cup holder and food well lamps illuminate. Diagnostic flow chart is available on the next page for troubleshooting. (For complex electrical accessory, a diagnostic flow chart is required.) Check all vehicle electrical systems that the accessory interfaces with. Vehicle electrical system 1 (Must for pre-wiring, overlay harness, and Posi-Tap) Vehicle electrical system 2 (Electrical system(s) where the accessory connects.)
RE-I	NSTALLATION OF REMOVED PARTS:
	Re-install all removed vehicle parts. Refer to the vehicle service manual as necessary.
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Us	e caution when re-installing interior components to avoid damage, scratches, or breaking of mounting
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	CAUTION e caution when re-installing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle service manual for more information. EXAMPLE: Verify re-installed trim parts for proper flush fit (no gap, no waviness, etc.). Verify all clips are fully engaged and locked.
	CAUTION      e caution when re-installing interior components to avoid damage, scratches, or breaking of mounting clips. Refer to the vehicle service manual for more information.      EXAMPLE A Service Manual for more inf

#### FINAL INSPECTION: (continue)

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.

Re-program radio presets and other vehicle settings to the recorded settings. No need to do this step if the extended storage switch is placed in the "inventory" position.

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# 5.3.2.2x ACCESSORY CONNECTORS MECHANIZATION

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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.



Pin location is referenced looking into wire side of connector



999Q9 AY001		
Pin	Color	
1	WHITE	
2	RED	
3	VIOLET	
4	YELLOW	
5	PINK	
6	GREEN	
7	LT GREEN	
8	GREY	
9	BLUE	
10	SKY BLUE	
11	ORANGE	
12	BLACK	

# ACCENT LIGHTING KIT



## PASSENGER SIDE CONNECTOR









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