



**INFINITI**

# GENUINE PARTS

## INSTALLATION INSTRUCTIONS

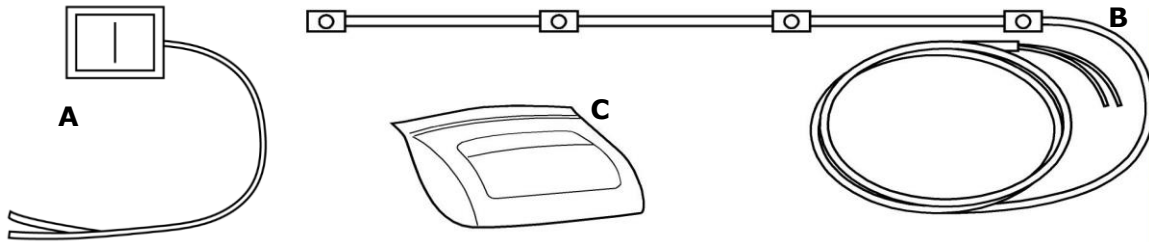
**DESCRIPTION:** Infiniti Welcome Lighting Kit

**APPLICATION:** Infiniti Q50

**PART NUMBER:** 999F4 AX110 - Universal Security Lighting Kit.  
999Q9 AY001 - Accessory Service Connector

### KIT CONTENTS:

Item	QTY	Description	Service Part Number
A	1	Control module	999F4 AX088
B	2	LED Assembly	999F4 AX022
C	1	Misc parts kit (see BOM for details)	999F4 AX065



### ITEMS NOT IN KIT THAT MAY BE REQUIRED

AAA	2	Accessory Service Connector	999Q9 AY001
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#### AAA



### TOOLS REQUIRED

- Trim stick
- 8mm and 10mm sockets
- #2 Philips screwdriver
- Protective cloth
- Protective gloves
- Needle nose pliers
- Ratchet and 6" extension
- 3/8", 3/16" and 1/2" drill bits, drill, drill stops.
- Short #2 Philips screwdriver
- Scissors, tape measure and metric scale
- Electrical tape, masking tape.

### PRE-INSTALLATION CAUTION/NOTES

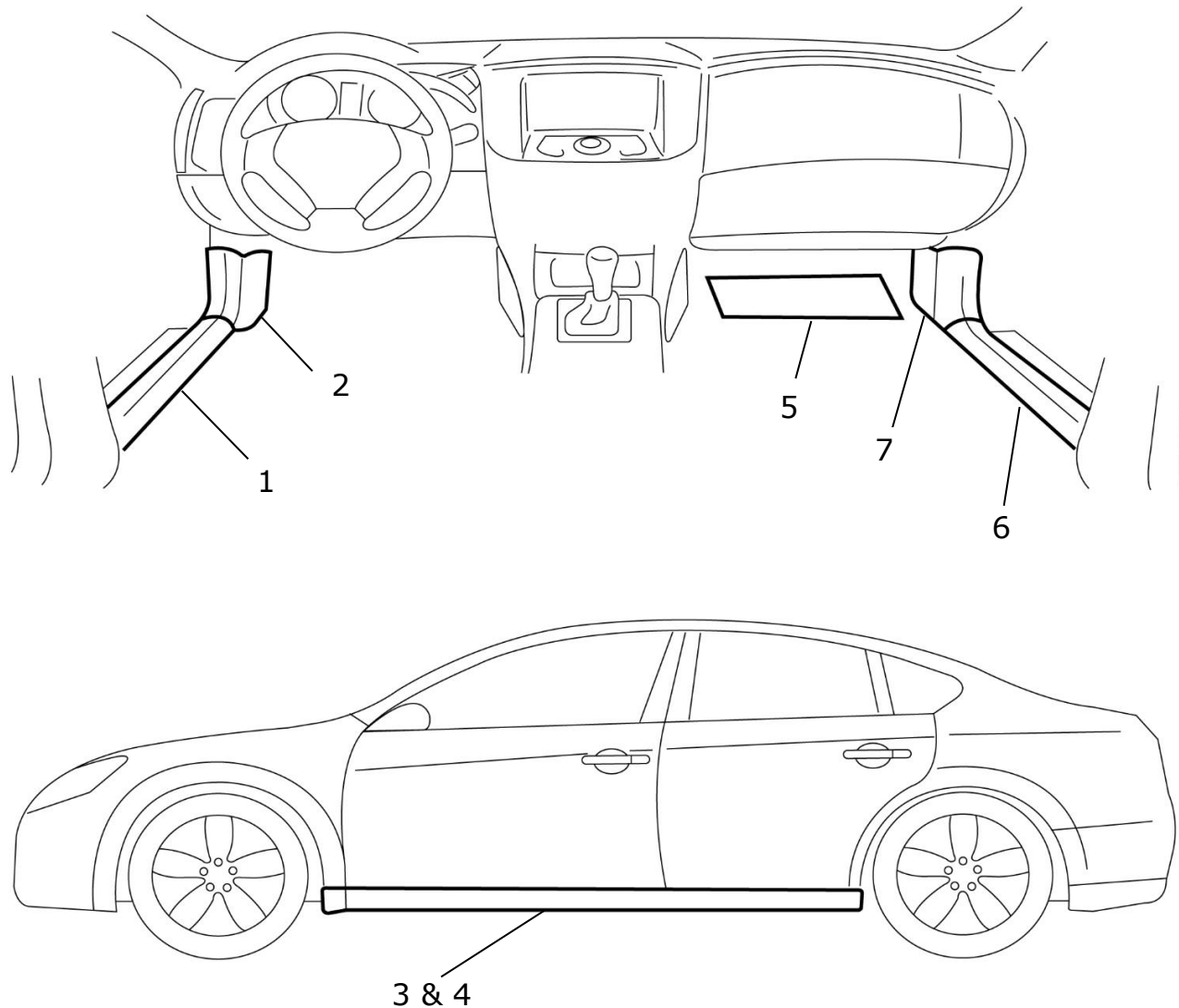
- Dealer installation recommended. Instructions may refer to Service Manual
- Installation may require special tools
- This part is to be installed within a surface temperature range of 70-100°F

## **⚠ 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.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION OVERVIEW

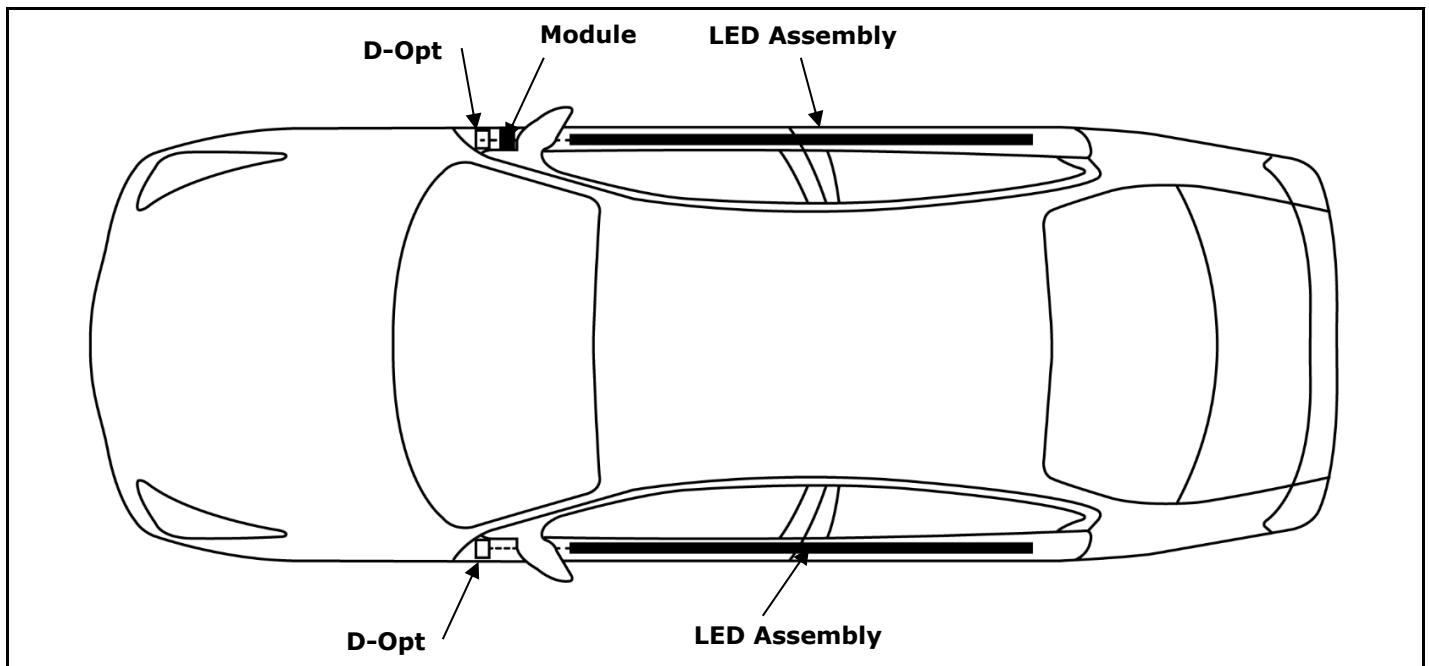
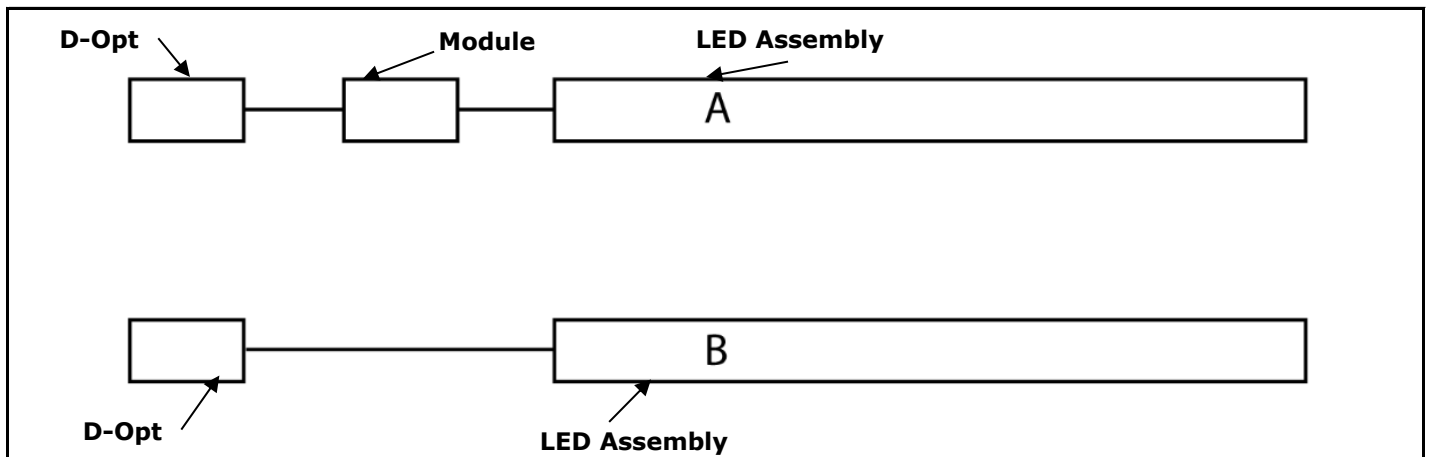


### **REMOVAL SEQUENCE**

1. Door Sill Trim Panel, LH
2. Footwell Trim Panel, LH
3. Mudguard, LH
4. Mudguard, RH
5. Cover Instrument Lower RH
6. Door Sill Trim Panel, RH
7. Footwell Trim Panel, RH

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION OVERVIEW



## CRITICAL STEPS

The following steps are critical and must be performed **EXACTLY** as specified to ensure proper installation:

- Location of the lights must be followed exactly as described in this instruction.
- Posi-Tap™ instructions must be specifically followed as described.
- Be sure to apply masking tape as needed in order to protect any areas that may become scratched or damaged by tools.
- Be sure to apply foam tape to any wiring components that can be damaged over time by sharp edges.
- Test the functionality of the kit before final clean up and reinstallation of interior panels.

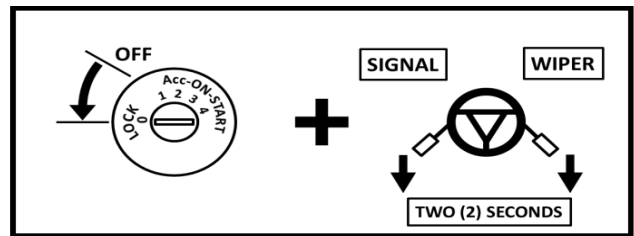
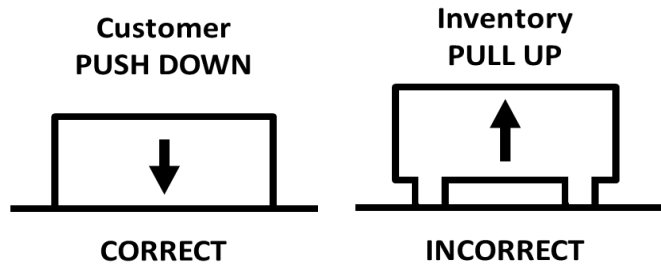
**Vehicle Preparation:**

**⚠ 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.

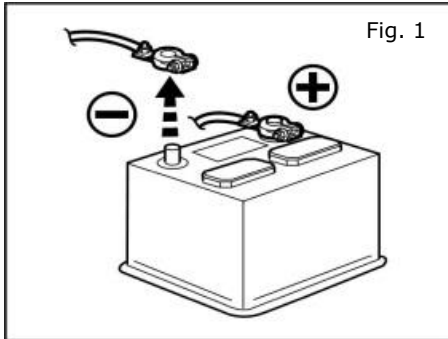
## VEHICLE PREPARATION

### **⚠ WARNING**

- **FOR VEHICLES WITH MANUALLY OPERATED SEATS: Disconnect negative battery terminal before proceeding.**
- **FOR VEHICLES WITH POWER SEATS: Disconnect negative battery terminal AFTER Step 3.**

### **⚠ CAUTION**

- **Allow 3 min after key off and doors closed for vehicle to time out. Allow an additional 3 min after negative terminal dis-connect before separating any electrical connectors.**



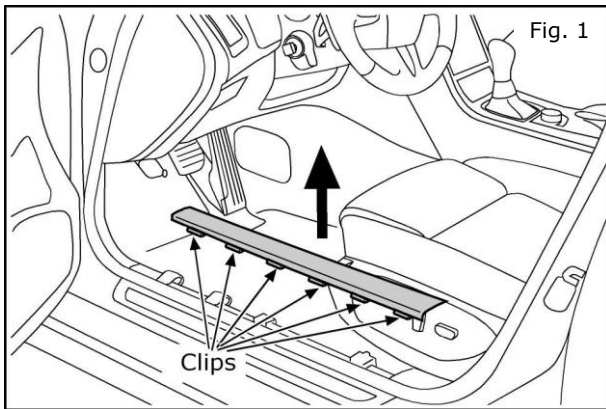
- 1) Disconnect negative battery terminal as shown.

## ORDER OF INSTALLATION

1. Remove panels and trim.
2. Prepare mud guards
3. Install LED Assemblies
4. Route Wiring
5. Install controller
6. Reinstall all panels
7. Final Check Items

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

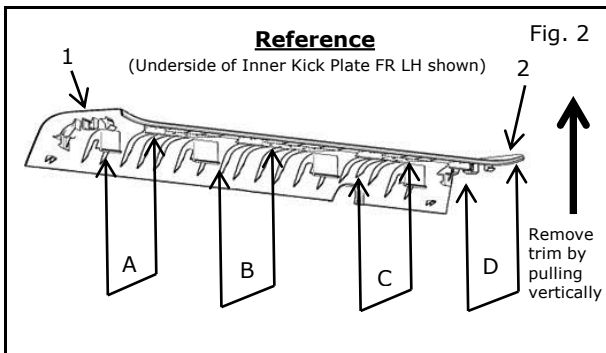
## VEHICLE PREPARATION



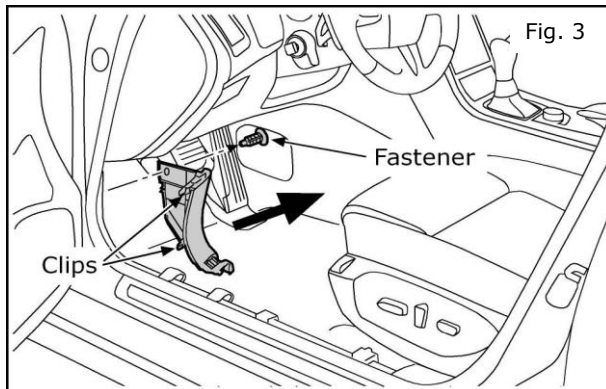
- 1) Use a trim stick to carefully pry off the trim panel at six (6) clip locations along the bottom door seal. Remove footwell trim panel by pulling vertically.

**NOTE:**

**Be careful not to damage clips on panel. See Fig. 2 for reference.**



- 2) Clips are located at locations labeled; 1, 2, and A thru D as shown. Note locations and orientations to avoid damage.



- 3) Remove one (1) fastener clip from the outer footwell trim panel (LH). Use a trim stick to carefully pry off the trim panel at clip locations shown in Fig. 3. Remove part horizontally toward center of vehicle.

**NOTE:**

- Be careful not to damage clips on panel.
- Repeat steps 1-3 on passenger side.

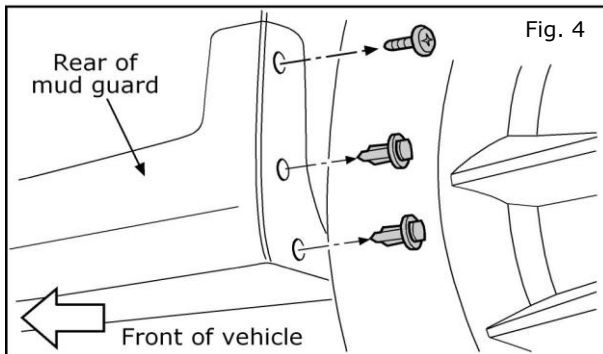
- 4) **Raise Vehicle.**

**NOTE:**

**Use caution when placing lift pads. Refer to users manual to identify lift points on body.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

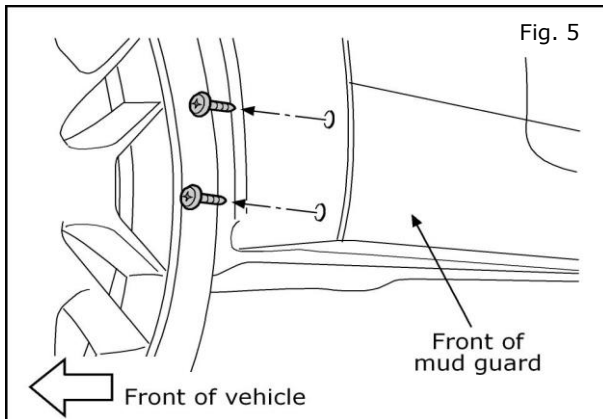
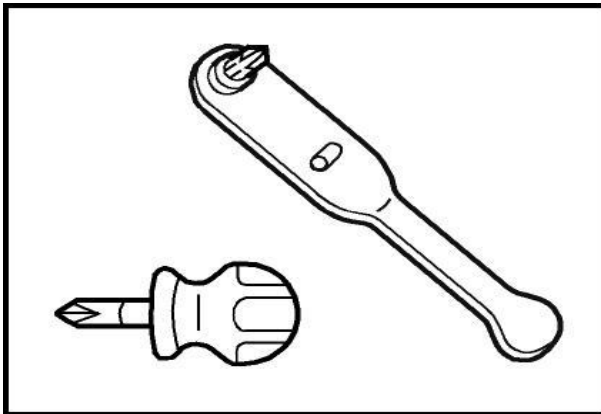
## VEHICLE PREPARATION



- 5) Remove one (1) phillips screw and two (2) retaining clips at the rear of the center mud guard on both sides of the vehicle.

### NOTE:

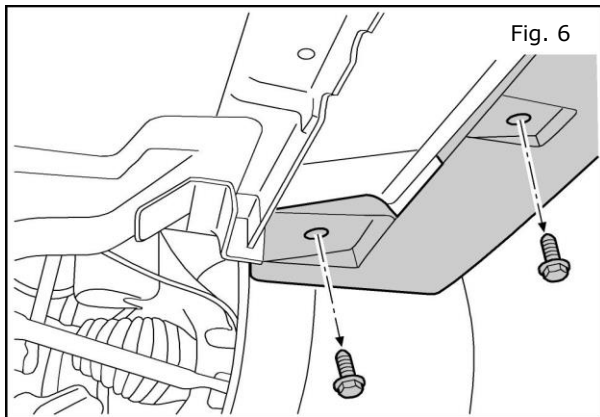
**A screwdriver designed for tight spaces is recommended.**



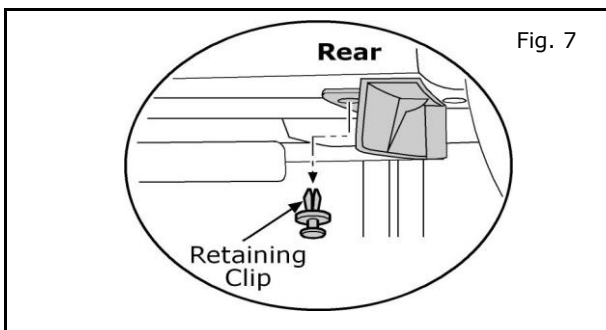
- 6) Remove two (2) phillips head screw at front of center mud guard on both sides of vehicle.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## VEHICLE PREPARATION



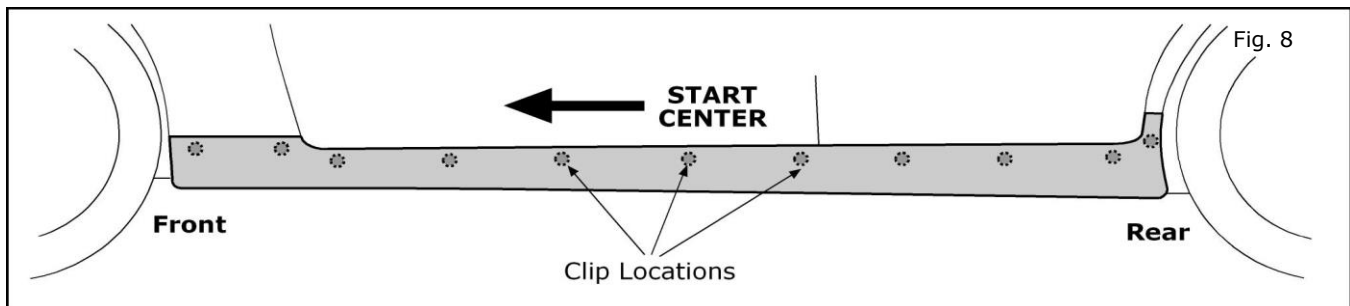
- 7) Begin removal of center mud guards.
  - a) Carefully remove eight (8) 10mm hex bolts from bottom of the mud guards on both sides of vehicle.



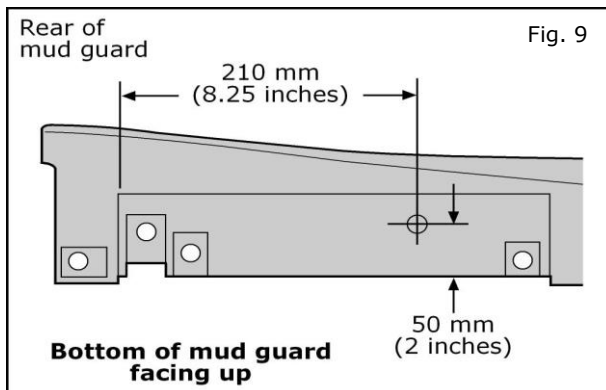
- 8) Remove one (1) retaining clip from bottom of rear deflector panel under mud guard.  
Using hand pressure only, gently pry eleven (11) mud guard panel clips from the body on both sides of vehicle. Start at center of mudguard and work forward, then return to center and work towards back.

### NOTE:

**Place a cloth or other protective material over the door sill at front of each door, near hinge to prevent any scratching or damage when removing mud guard.**



- 9) Wash inside of both mud guards completely with soap and water.



### NOTE:

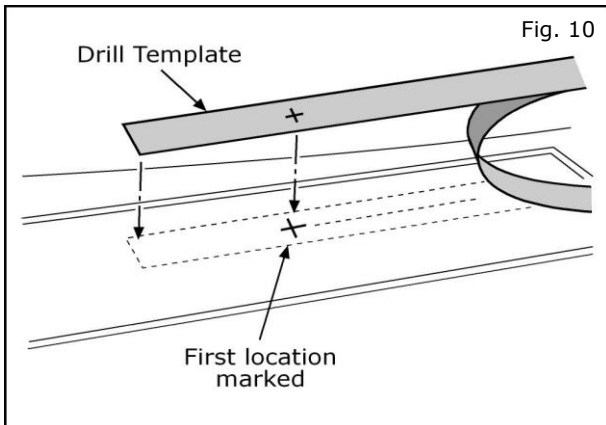
**Mud guards are best drilled from the outside in. Position the mud guards with bottom facing upward and mark accordingly.**

- 10) Starting at REAR of mud guard, measure and mark 260 mm (10.25 inches) from rear edge as shown. Measure and mark 50 mm (2 inches) from inside edge of mud guard.



# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION

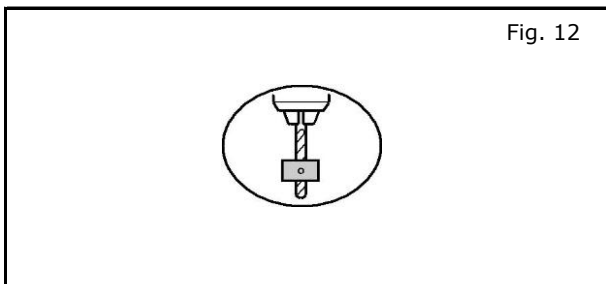
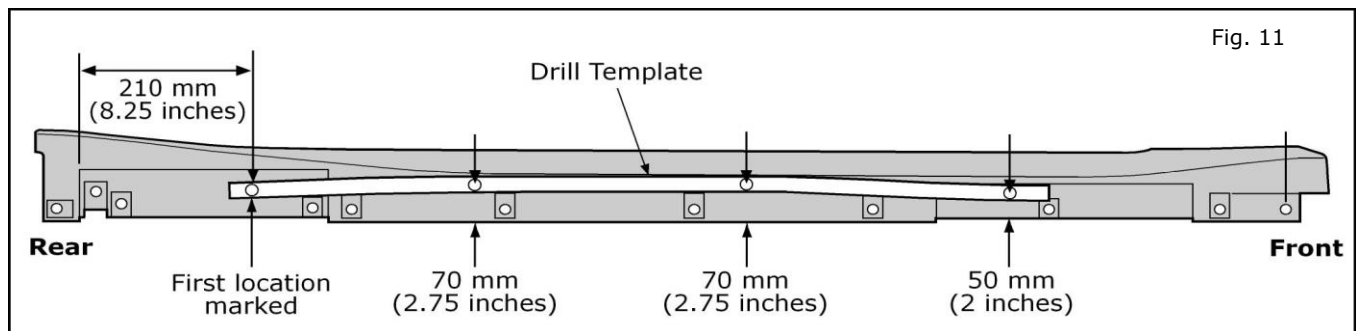


- 11) Apply drill template by peeling adhesive backing off template and aligning first drill mark with starting hole position as marked on mud guard. Carefully apply template along length of mud guard.

### NOTE:

**Be sure to keep center drill marks on template at measurements indicated in Fig 10 relative to inside edge of mud guard. Drill template will not follow a straight line across mudguard.**

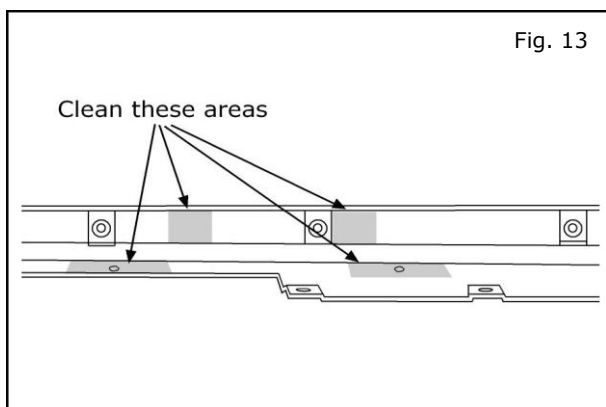
**Drill template is to be applied without concern to conforming to surface changes.**



- 12) Using a 1/2 inch drill bit, drill all marked hole locations. A step drill bit can be used as well. Be sure to stop at 1/2 inch step in tool.

**Clean each hole so there is no flashing or shoulder from drill.**

- 13) Repeat process for both mud guards



- 14) Clean inside surface of mud guard where LED modules and retaining tape will be mounted with an alcohol prep pad(s) at areas shown. **Wipe both mud guards.**

**Allow minimum of 1 minute to be sure alcohol is completely dry.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION

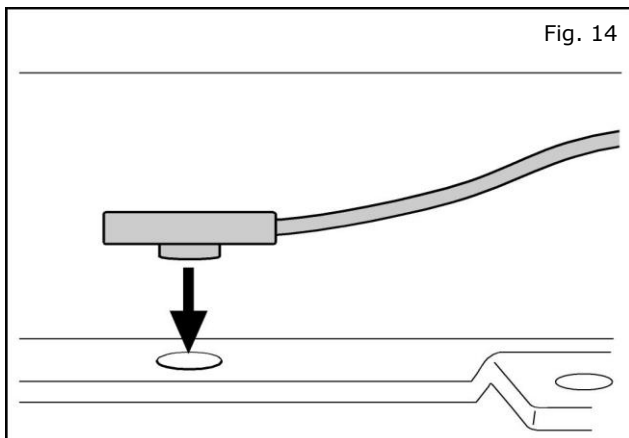


Fig. 14

- 15) Starting at the NON-wire end (rear), remove adhesive liner from first LED module. Carefully place the lens of LED into hole, being sure to align module straight and parallel with edge of mudguard.

**NOTE:**

**Be sure installation temperature is within a range of 70-100°F**

**Apply approx. 10 lbs of firm pressure for minimum of 20 seconds to properly adhere the module to the mud guard.**

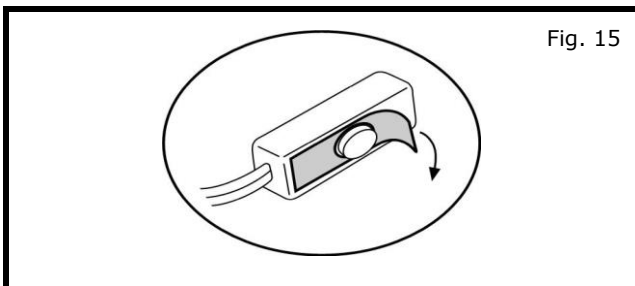


Fig. 15

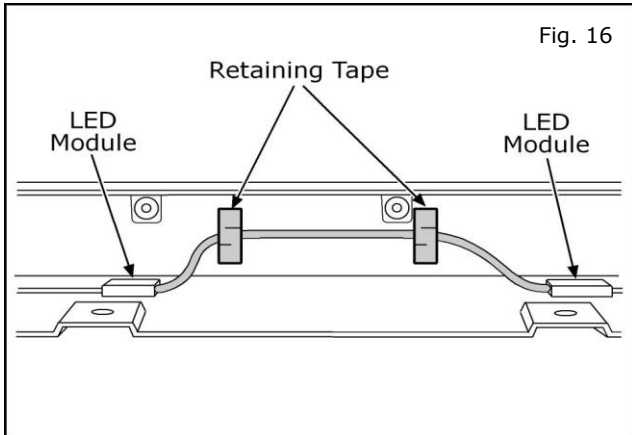


Fig. 16

- 16) Repeat step 15 with remaining three (3) LED modules. Be sure wiring between modules does not become twisted as you are installing to mud guard.

Once all LED modules are in place, cut one (1) piece of retaining tape in half longways and secure wiring as shown.

**NOTE:**

**Once the tape is down, it is very hard to pull back up.**

**REPEAT PROCESS FOR BOTH MUD GUARDS**

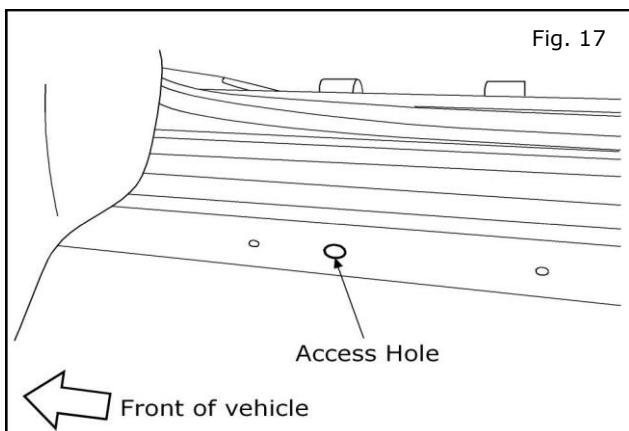


Fig. 17

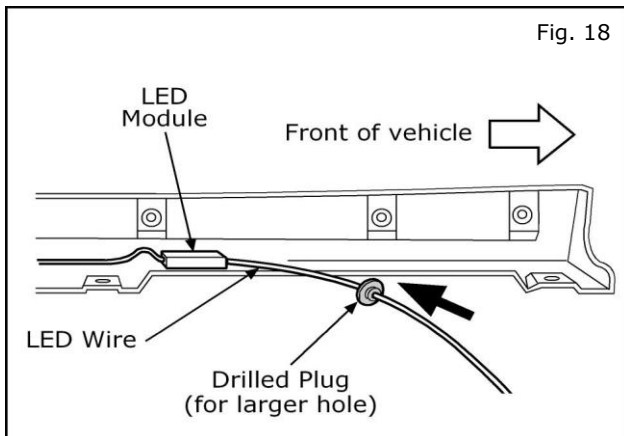
- 17) Locate the access hole below the door sill on the outer edge of the vehicle.

**NOTE:**

**This will be the pass through for the wires that control the LED assembly.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION

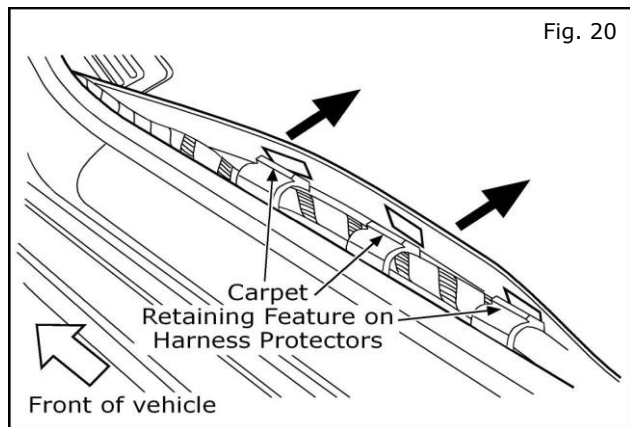
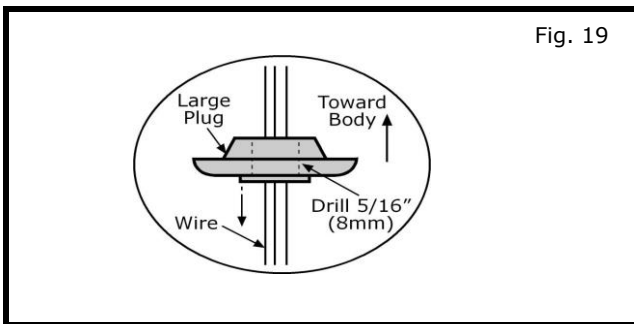


- 18) Locate large plug in kit. Drill 5/16" (8mm) hole through center of plug. From below vehicle, feed drilled plug over the wire extending from front LED module.

**NOTE:**

**Be sure the beveled side of the seal is facing AWAY from the LED module.**

**REPEAT PROCESS ON OPPOSITE SIDE OF VEHICLE**

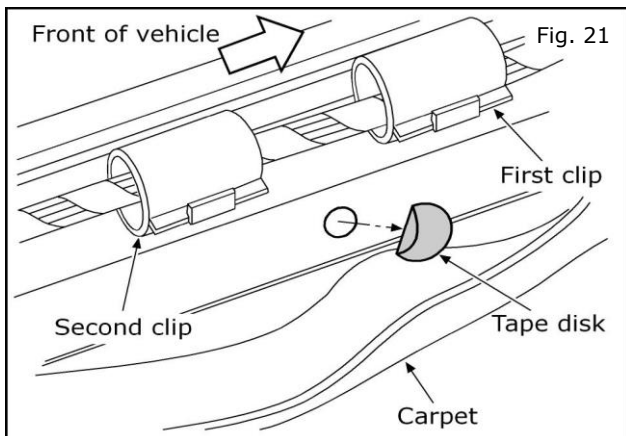


- 19) **LOWER THE VEHICLE.**

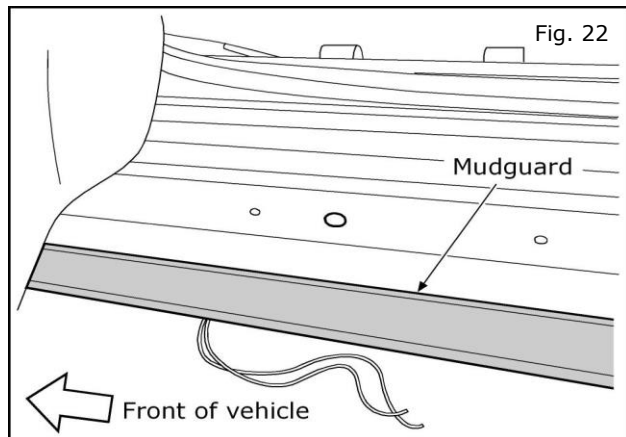
- 20) Carefully pull back carpet edge inside driver side door sill. Carefully pull carpet up over the carpet retaining features on the harness protectors.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

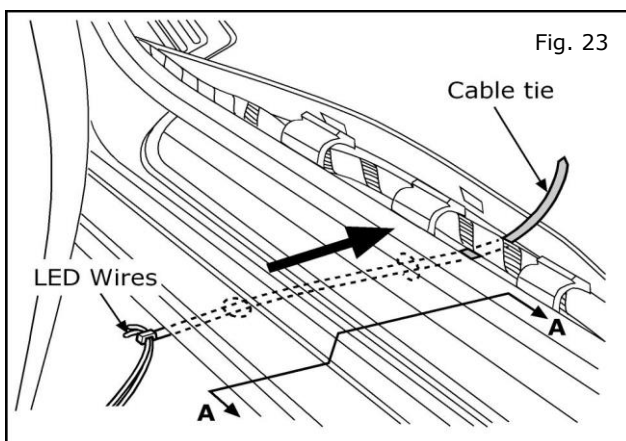
## INSTALLATION



21) Carefully peel back tape disk to expose access hole on inside surface of door sill. Hole is almost directly across from exterior access hole.



22) Position mudguard close to vehicle.



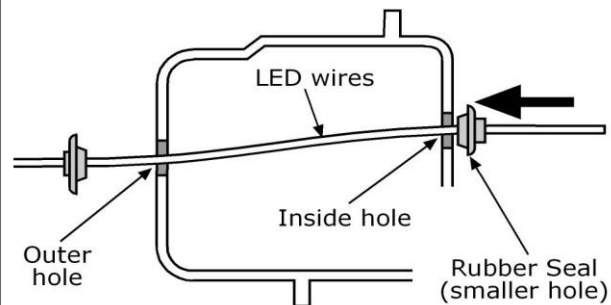
23) Next, feed wires through end of long cable tie. Use cable tie to route wires through hole in side of vehicle and through access hole inside door sill.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION

Cross Section AA

Fig. 24

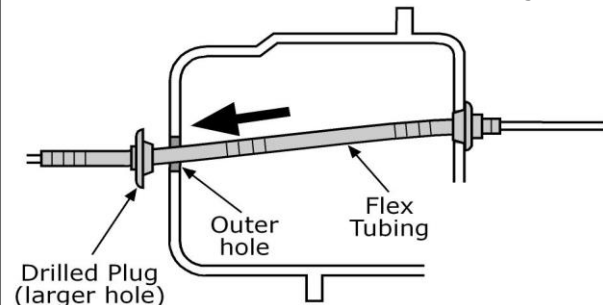


Driver Side

- 24) Feed small rubber seal provided in kit over wires from inside vehicle. Press seal into place at inside hole.

Cross Section AA

Fig. 25

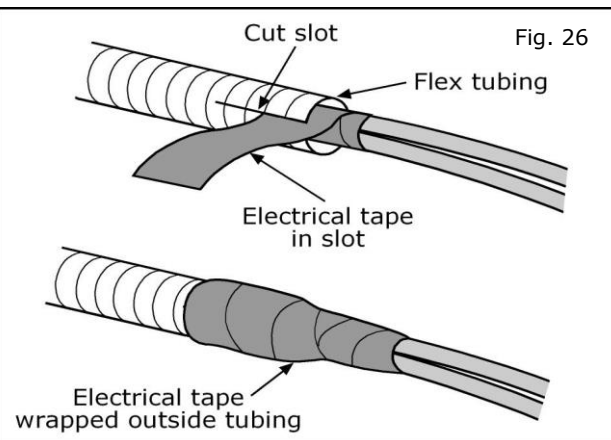


Driver Side

- 25) Feed flex tubing over wires from inside. Flex tubing will pass through both rubber seals to outside.

### NOTE:

**The flex tubing is meant fit flush with the inside seal. Position the tubing so the excess is on the outside of the vehicle.**

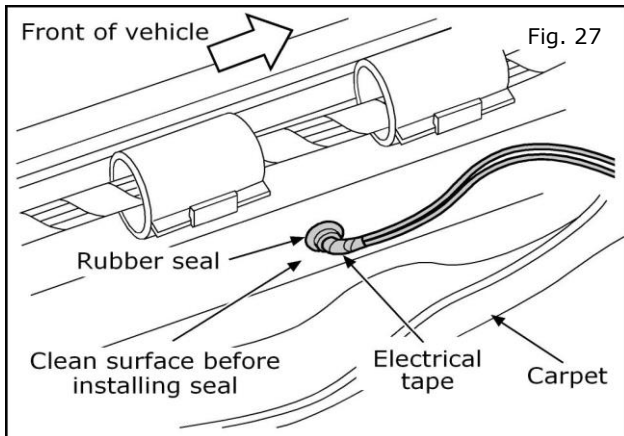


- 26) To properly secure the wiring at end of flex tubing inside vehicle follow these steps:

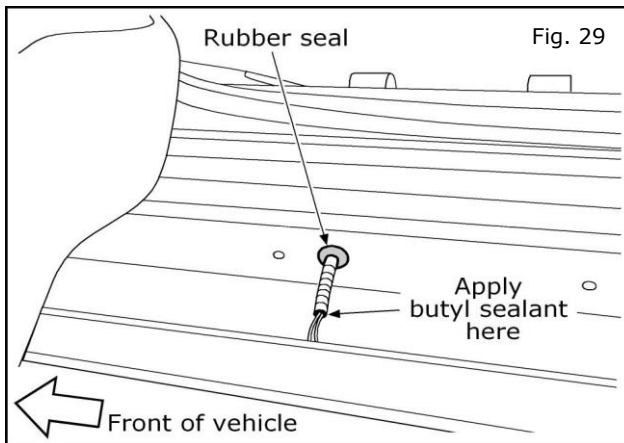
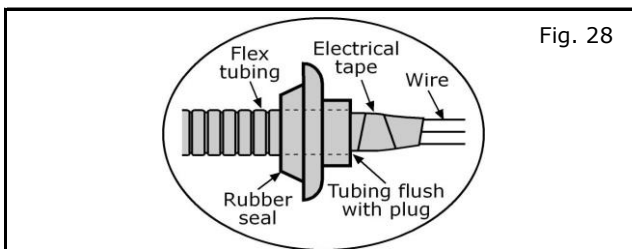
- 1) Carefully cut short slot in side of flex tubing. Wrap electrical tape twice around wiring and then feed unwrapped length of tape into slot as shown in Fig 26.
- 2) Finish by wrapping more electrical tape around outside of flex tubing and wiring to seal and secure wiring as shown in Fig 26.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION



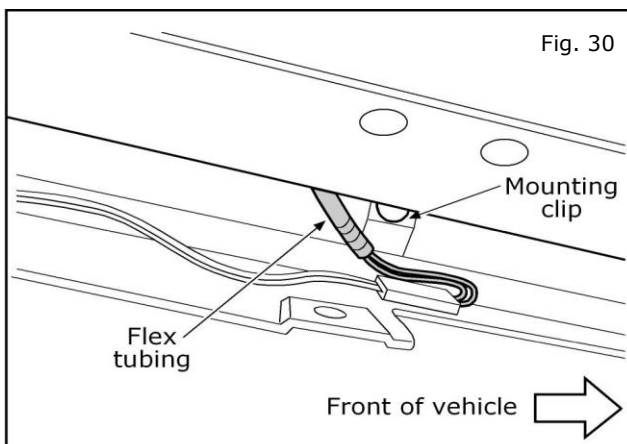
27) Position flex tubing flush with plug on inside so it does not extend into vehicle.



28) Press outer rubber seal into position. Apply butyl sealant in flex tube opening where wires pass into tubing. Be sure to clean all surfaces before applying butyl.

29) **REPEAT Steps 20 though 28 for passenger side of vehicle.**

30) **RAISE THE VEHICLE**



31) Carefully reinstall both mudguards using retaining clip and six (6) phillips head screws removed earlier (see Fig. 6).

### NOTE:

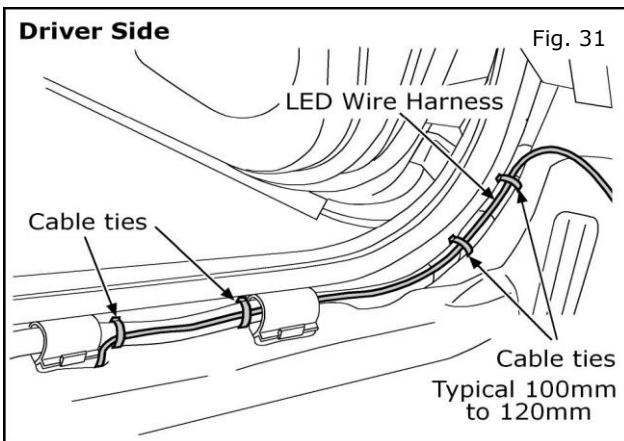
**Use caution at the flex tube when reinstalling. Be sure not to pinch the wiring at the mounting clip. Be sure to allow sufficient bend radius in the tubing.**

32) **LOWER THE VEHICLE**

## INSTALLATION

### CAUTION

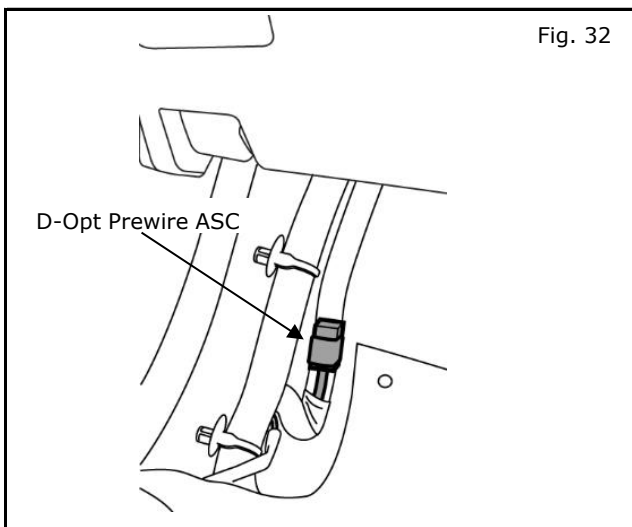
- If a vehicle wire is being used by another accessory and a posi-Tap is present, tap the accessory wire NOT the vehicle wire.



- 33) Route wires from driver side up towards the dash by running wires along the existing harness and securing with cable ties.

#### NOTE:

**Recommended spacing for cable ties is 100mm to 120mm. Position cable ties as shown.**



- 34) Locate driver side D-Opt Connector plug. It will be taped to harness below dash along outer wall of footwell.

#### NOTE:

1. A previously installed accessory may be present. If so, carefully remove the accessory connector harness from the accessory connector plug before posi-tapping.
2. It is recommended that all posi-tapping be completed before reattaching the accessory connector harness to the plug.
3. If there is not a previously installed accessory, remove the dummy plug in connector. See detail.
4. Wrap the harness side of the connector in foam tape as to allow the accessory connector to be connected and disconnected.

#### NOTE:

**REFER TO ACCESSORY CONNECTOR DIAGRAM ON PAGE 16 and Mechanization A.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## ACCESSORY CONNECTOR MECHANIZATION: FOR DRIVER SIDE L.E.D. HARNESS ONLY

### ⚠ 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 said connector being mentioned herein 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.

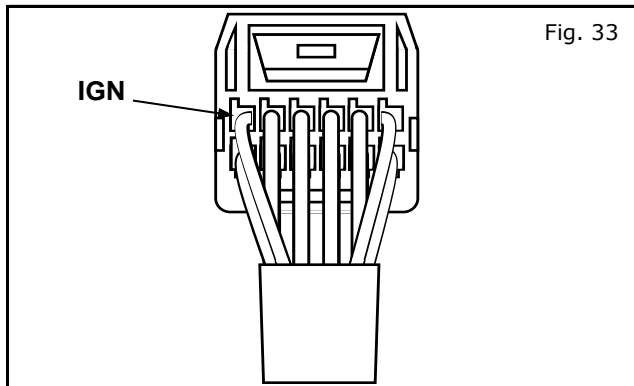


Fig. 33

35) Locate ignition wire on Accessory Service Connector.

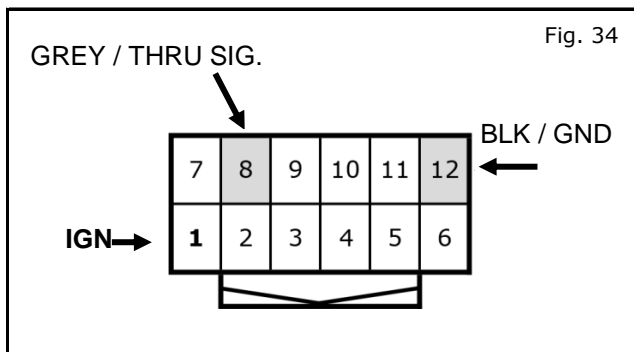


Fig. 34

#### NOTE:

**Pin location is referenced looking into face of connector.**

36) Use posi-taps to connect wiring as follows (see posi-tap instructions on pages 18-20):

- Black** wire from LED Harness to **Black** wire on Accessory Service Connector Harness.
- Red** wire from the LED Harness to the **Grey** wire on the Accessory Service Connector Harness.

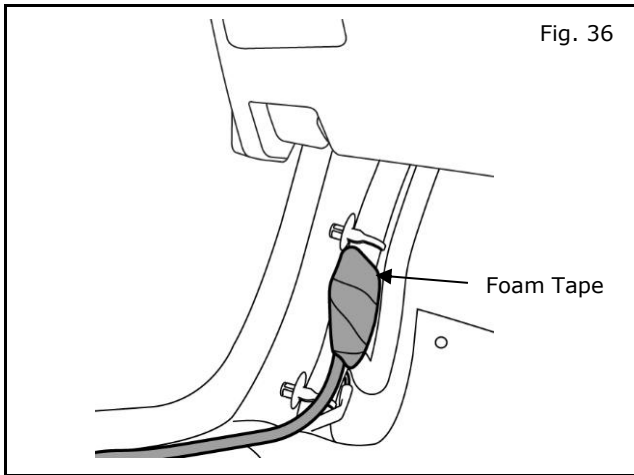
Fig. 35

999Q9 AY001		
Pin	Label	Color
1	IGN	WHITE
2	BAT	RED
3	TL_LMP	PURPLE
4	RM_LMP	YELLOW
5	BATSVR	PINK
6	FR_DR_SW_RH	DK GRN
7	FR_DR_SW_LH	LT GRN
8	THRU SIGNAL 1	GREY
9	RR_DR_RH	DK BLUE
10	RR_DR_LH	LT BLUE
11	ACC	ORANGE
12	GND	BLACK



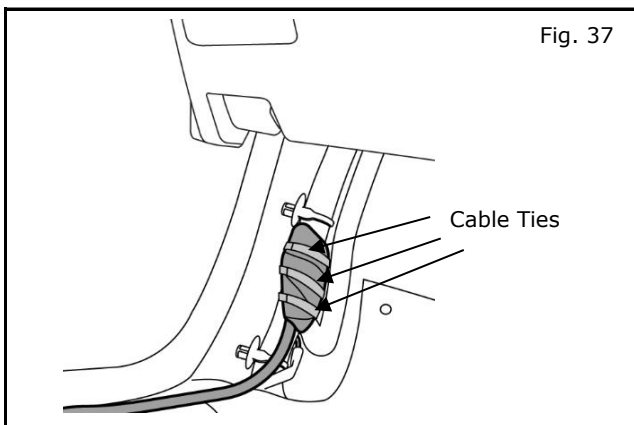
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION



37) Plug Accessory Connector Harness into vehicle connector plug on driver side.

a) Wrap posi taps with foam tape.



b) Use a cable tie to secure the connector and any excess bundled wiring to existing harness as shown.

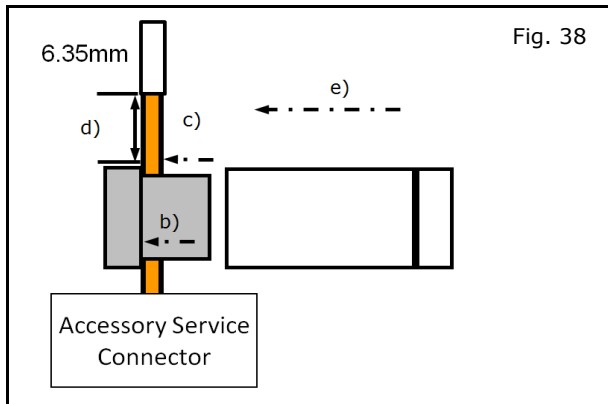
### NOTE:

Refer to Posi-Tap steps on pages 18 through 20 for proper wire wrapping procedures.

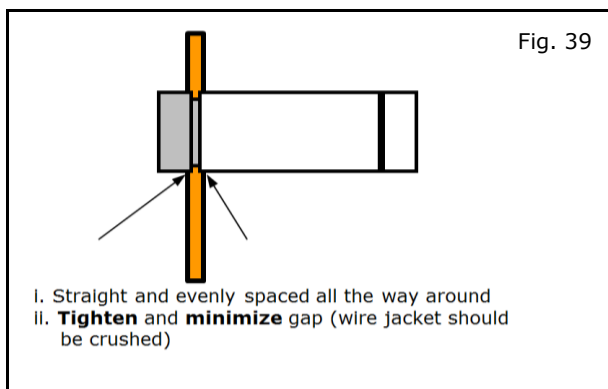
**HARNESS NOT INCLUDED IN KIT. REFERENCE PART NUMBER 999Q9 AY001.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

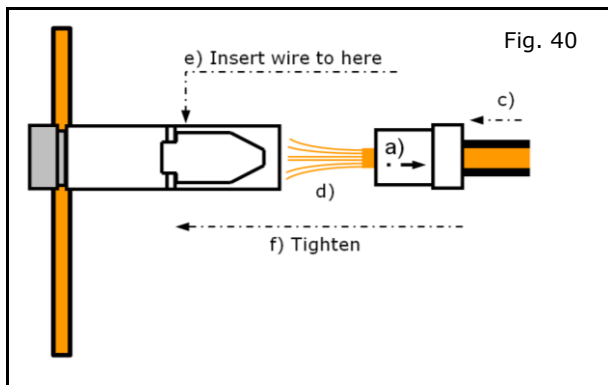
## INSTALLATION



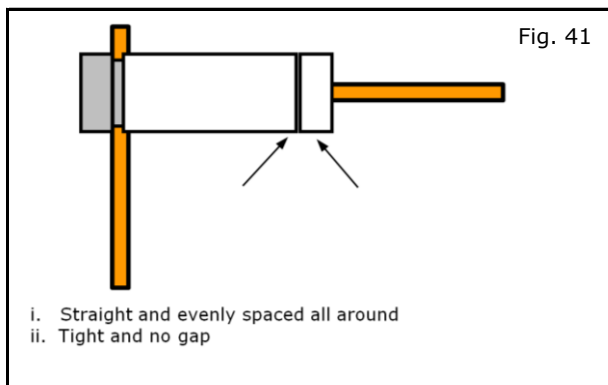
- 38) Posi-tapping an Accessory service wire (Fig. 38)
- Identify and confirm correct wire in the Accessory Service Connector to be tapped.
  - Remove cap (slot side) from tap body.
  - Slide cap around single accessory wire.
  - Position cap  $\geq 6.35\text{mm}$ (0.25in) away from the heat shrink end of Accessory Service Connector (measurement for first posi-tap installed on the circuit).
  - Tighten the tap **TIGHT** with finger pressure.
  - Tighten by another quarter turn.



- 39) Inspecting the tap for correct installation (Fig. 39).
- Pull on the wire lightly to ensure connection.
  - Inspect the tap to ensure correct installation.
  - Test the signal to ensure that it is working properly.



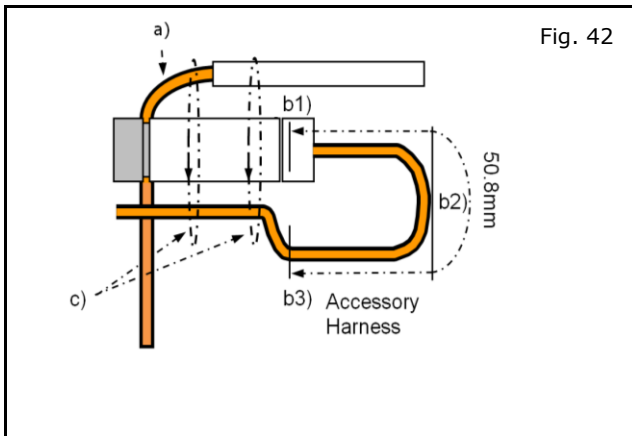
- 40) Tap accessory wire (Fig. 40).
- Remove tap (non-pierce) side from tap.
  - Remove the protective stub from the wire.
  - Insert wire through the non-pierce side opening.
  - Spread the individual strands into fan shape.
  - Insert wire into the tap body and ensure that it is all the way in.
  - Tighten the tap **TIGHT** with finger pressure.
  - Tighten by another quarter turn.



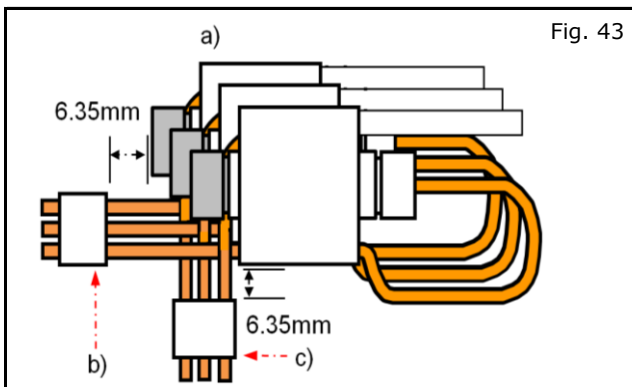
- 41) Confirm the tapped accessory wire.
- Pull on the wire lightly to ensure connection.
  - Inspect the tap to ensure correct installation as shown in Fig. 41.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

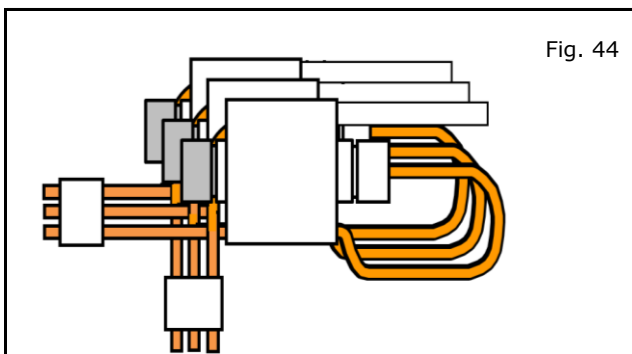
## INSTALLATION



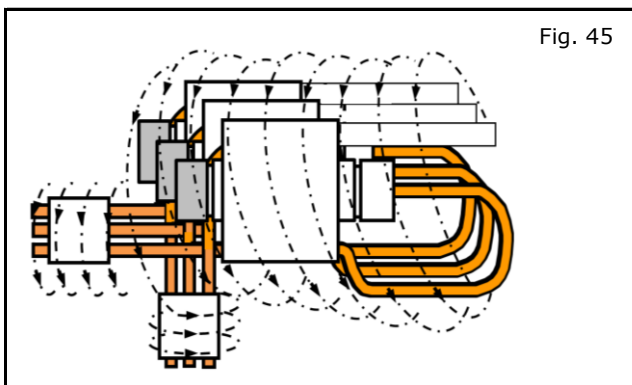
- 42) Forming strain relief loop - required (Fig. 42).
- Gently bend end of pierced wire (where it exits cap) down towards body of posi-tap.
  - On tapped side wire; starting at point b1), measure 50mm to point b3). Make first bend of loop b2), half measured distance - 25mm, and up toward body of posi-tap, make second bend of loop b3).
  - Secure pierced wire on heat shrink side and tapped wire to body of tap with electrical tape ( $\geq 2$  revolutions).



- 43) Securing multiple accessory taps (Fig. 43).
- 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 ( $\geq 2$  revolutions) at a distance of  $\geq 6.35$ mm as shown in Fig b).
  - Pierced wires of posi-taps are secured to each other with electrical tape ( $\geq 2$  revolutions) at a distance of  $\geq 6.35$ mm (0.25in) as shown in Fig c).



- 44) Securing multiple accessory taps (Fig. 44).
- Make sure the accessory taps have been wrapped appropriately as detailed previously and as shown.

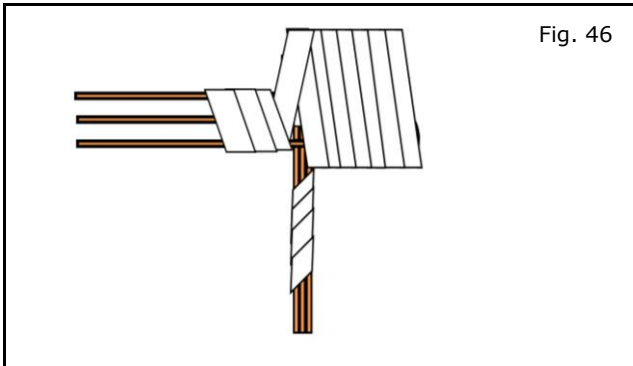


- 45) Securing multiple accessory taps
- Starting at heat shrink; firmly wrap posi-tap bundle with electrical tape or non-adhesive wire harness tape, making sure to overlap previous revolution.

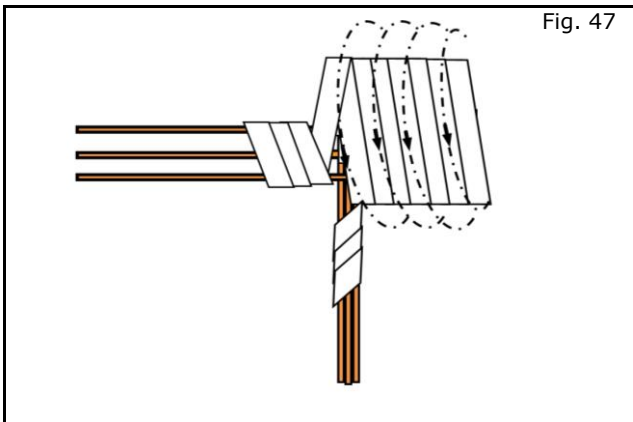
**Note: If using non adhesive tape secure at the of wrap with electrical tape  $\geq 2$  revolutions.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

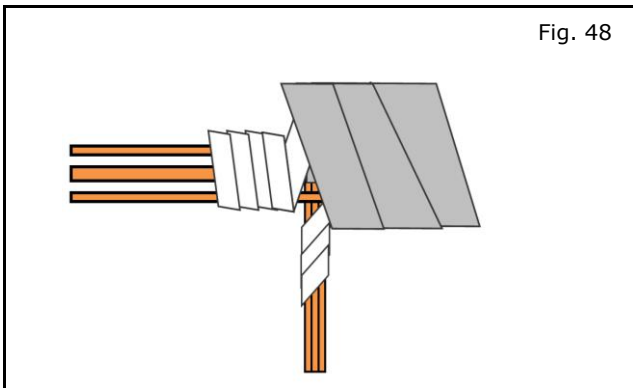
## INSTALLATION



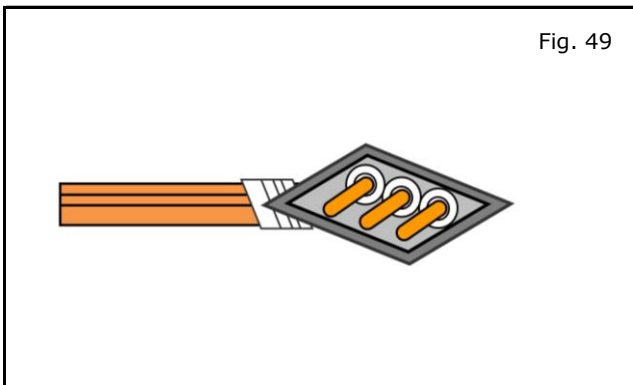
- 46) Securing multiple accessory taps  
a) Make sure the finished wrap looks similar to Fig. 46.



- 47) 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.



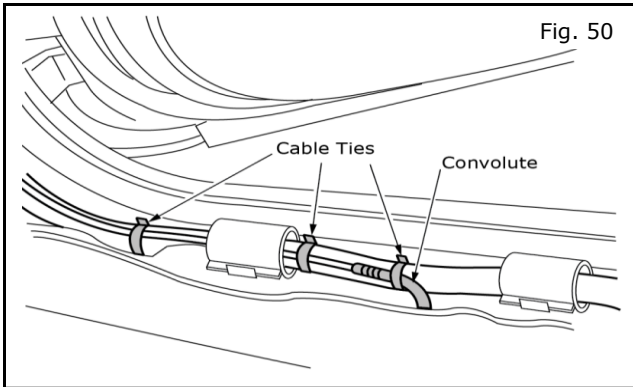
- 48) Finished foam wrap for bundle (strips-top view)  
a) Make sure the finished wrap looks similar to Fig. 48.



- 49) Finished foam wrap for bundle (strips-side view)  
a) Make sure the finished wrap looks similar to what is shown in Fig. 49.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION

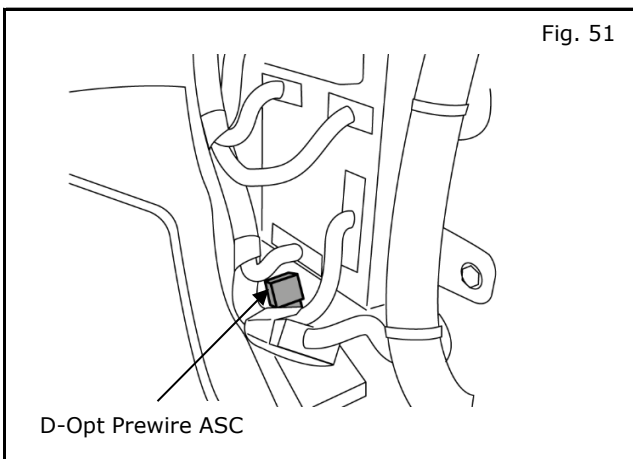


### PASSENGER SIDE

- 50) Route wires from passenger side up towards dash by running wires along existing harness and securing with cable ties.

#### NOTE:

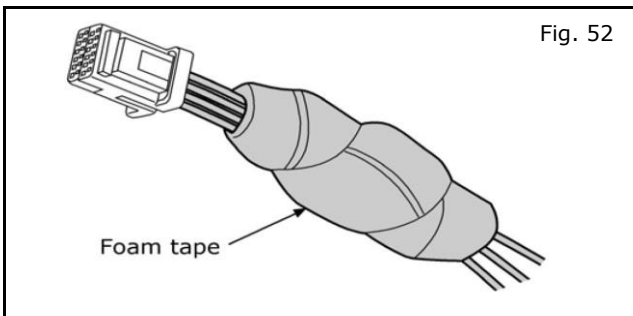
**Recommended spacing for cable ties is 100mm to 120mm. Position cable ties as shown.**



- 51) Locating accessory service connector.
- a) Locate passenger side D-Opt Connector plug behind glovebox on right side of footwell as shown.

#### NOTE:

- **If there is already an Accessory Service Connector in the passenger side read step 52-b), if not proceed to step 53**
- **If there is not an Accessory Service Connector in the passenger side remove the dummy plug in connector.**



- b) If there is already an Accessory Service Connector in the passenger side remove it before continuing.
- c) Remove any foam tape present before adding any positaps as shown in Fig. 52. See posi-tap instructions on pages 18-20.

#### NOTE:

**If there is not an Accessory Service Connector present in the passenger side connector order from service dept. REFERENCE PART NUMBER 999Q9 AY001.**

#### NOTE:

**REFER TO ACCESSORY CONNECTOR DIAGRAM ON PAGE 22 and Mechanization B.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## ACCESSORY CONNECTOR MECHANIZATION: PASSENGER SIDE L.E.D. HARNESS ONLY

### ⚠ 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 said connector being mentioned herein 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.

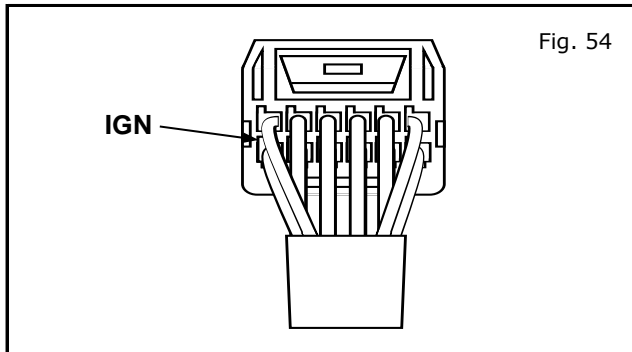


Fig. 54

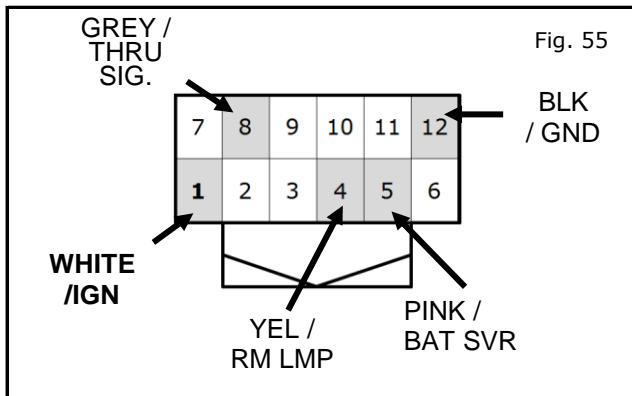


Fig. 55

Fig. 56

999Q9 AY001		
Pin	Label	Color
1	IGN	WHITE
2	BAT	RED
3	TL_LMP	PURPLE
4	RM_LMP	YELLOW
5	BATSVR	PINK
6	FR_DR_SW_RH	DK GRN
7	FR_DR_SW_LH	LT GRN
8	THRU SIGNAL 1	GREY
9	RR_DR_RH	DK BLUE
10	RR_DR_LH	LT BLUE
11	ACC	ORANGE
12	GND	BLACK

- 52) Locate ignition wire on Accessory Service Connector

**NOTE:**

- a) If there is already an Accessory Service Connector in the passenger side read step 51-b), if not proceed to step 53.

- b) Pin location is referenced looking into face of connector.

**NOTE:**

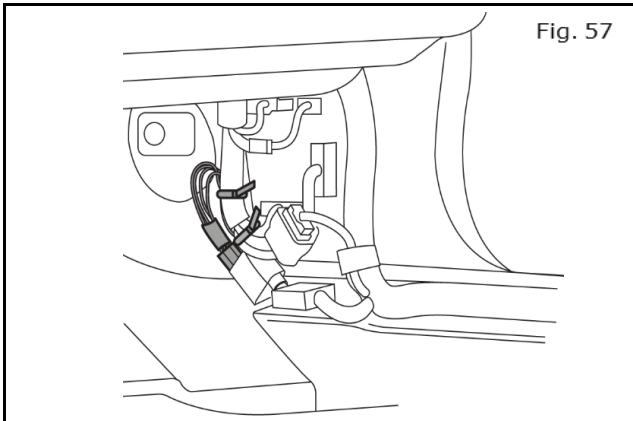
- Pin location in Fig. 55 is referenced looking into face of connector

- 53) Use posi-taps to connect wiring as follows:

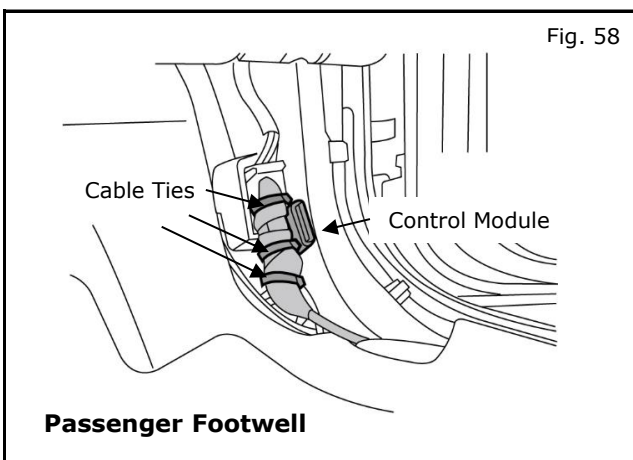
- Black** wire from Control Module to **Black** wire on Accessory Service Connector Harness.
- Purple** wire from Control Module to **Pink** wire on Accessory Service Connector Harness.
- Green** wire from Control Module to **White** wire on Accessory Service Connector Harness.
- White** wire from Control Module to **Yellow** wire on Accessory Service Connector Harness.
- Orange** wire from the Control Module to **Grey** wire on the Accessory Service Connector Harness.
- Black** wire from LED Harness to **Black** wire on the Controller Module Harness.
- Red** wire from LED Harness to **Orange** wire on Controller Module Harness.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## INSTALLATION



- 54) a) Wrap module in foam tape.  
b) Plug accessory connector harness into vehicle connector plug on passenger side.



- 55) Use a cable tie to secure Control Module, connector and any excess bundled wiring to existing harness as shown.

**NOTE:**

Refer to Posi-Tap steps on pages 18 through 20 for proper wire wrapping procedures.

**NOTE:**

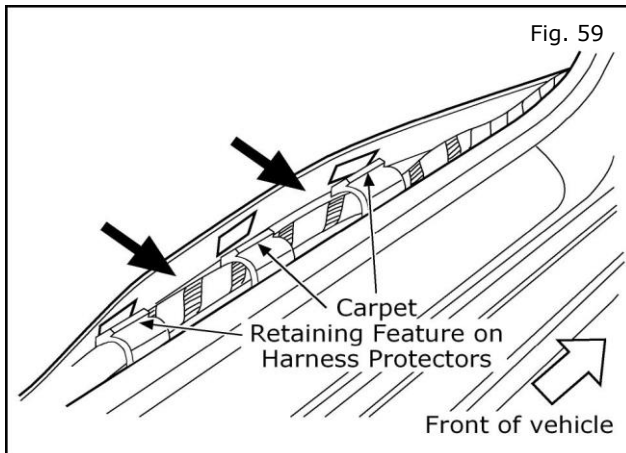
Reconnect Battery. Allow 3 minutes after positive terminal reconnect before separating or reconnecting any connectors.

**NOTE:**

Perform functional check of the system using check out procedures on page 25.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

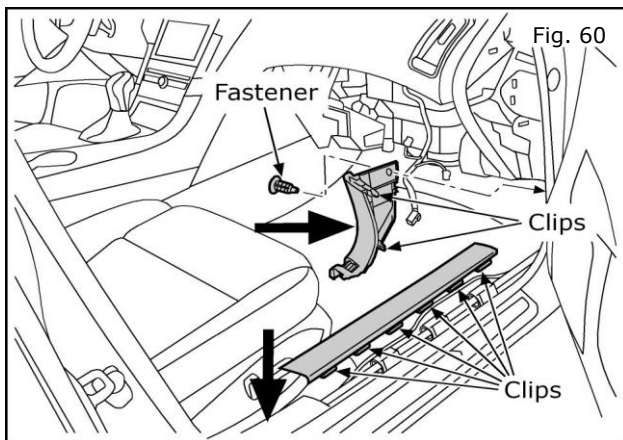
## INSTALLATION



- 56) Reinstall carpet edge inside the passenger side door sill.

**NOTE:**

**Be sure to align and secure the rectangular carpet holes with the carpet retaining features on the harness protectors.**



- 57) Reinstall the passenger side outer footwell trim panel and one (1) fastener clip.

Reinstall the passenger side trim panel along the bottom door seal.

**NOTE:**

**Be sure all clips are properly aligned. Be careful not to damage any clips on the panels during reinstallation.**

- 58) **REPEAT STEPS 57 AND 58 FOR DRIVER SIDE OF VEHICLE.**



# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## CHECK OUT

Inspect the vehicle for unfinished work.

- (1) Close all doors.
- (2) Using the keyless entry fob, press the door unlock.
- (3) Verify the security lighting turns on and off with the dome lamp in the car.
- (4) Enter the car and press the door unlock and then start the car.
- (5) Verify the welcome lamps turn off when the car starts.
- (6) With the car running, shifter in park, open the door and verify the lights remain off.
- (7) Turn off the car and open the door again and verify the welcome lights and dome lamp come on when the door is opened.
- (8) Unlock the doors, wait and then lock the doors. The welcome lighting should turn off quickly with the dome lamp.
- (9) Verify that trunk release switch located inside glovebox operates properly.
- (10) Check and clear trouble codes (DTC).
- (11) Check power window auto-up control. If it is not functioning properly, hold switch in "up" position for 5 seconds.
- (12) 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 section 9 - Vehicle Preparation)
- (13) If vehicle is NOT going into storage, reset the radio presets to the recorded settings.

**Note: When diagnosing electrical system problems, first disconnect the accessory connectors and note effect on system. Continue the investigation with the accessory connectors disconnected. Remember to reconnect the accessories when the investigation is complete.**

Posi-Tap™ 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.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## BILL OF MATERIALS

### Welcome Lighting Kit - 999F4 AX110

	Parts Contained in Bag Labelled 'Installation Kit'.	Qty	Part Number
1	Control module	1	999F4 AX088
2	LED Assembly (within polythene bag)	2	999F4 AX023
3	Misc. parts kit	1	999F4 AX065
4	Drill Template		
5	Wire retaining rectangle 40mm x 20mm - Adhesive one side	8	
6	Posi-tap connector - Red / Grey	9	999M1 VT000
7	Cable tie 4" - Black	10	
8	Cable tie 11" - Black	7	
9	Alcohol preparation wipe	4	
10	Grey foam rectangle 80mm x 30mm x 5mm - Adhesive one side	11	
11	Mud guard drilling template	2	
12	Grommet 12mm (small)	4	
13	Grommet (large)	4	
14	Convoluted tube	3	
15	Butyl gum	2	
16	Parts List / Replacement Template	1	999V2 AW000
17	Accessory Connector Harness (NOT INCLUDED IN KIT)	1	999Q9 AY001

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

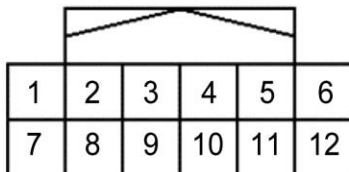
## MECHANIZATION

### ACCY\_SER\_CONN

### DRIVER SIDE CONNECTOR

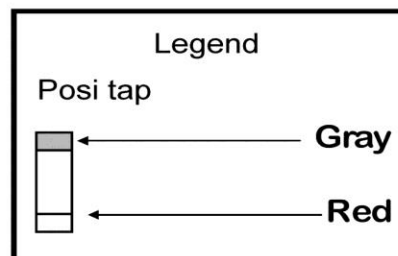
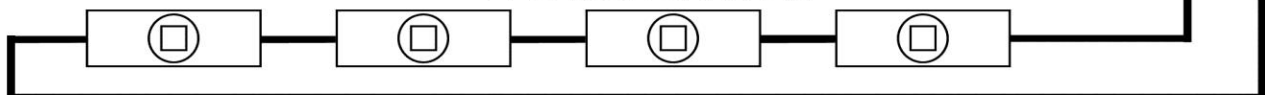
IGN	1	WHT
BAT	2	RED
TAIL_LAMP	3	PURP
ROOM_LAMP	4	YEL
BAT_SAVER	5	PNK
FR_DOOR_SW_RH	6	GRN
FR_DOOR_SW_LH	7	LT_GRN
THRU_SIGNAL_1	8	GRY
RR_DOOR_RH	9	BLU
RR_DOOR_LH	10	LT_BLU
ACC	11	ORG
GND	12	BLK

### TH12FW-NH



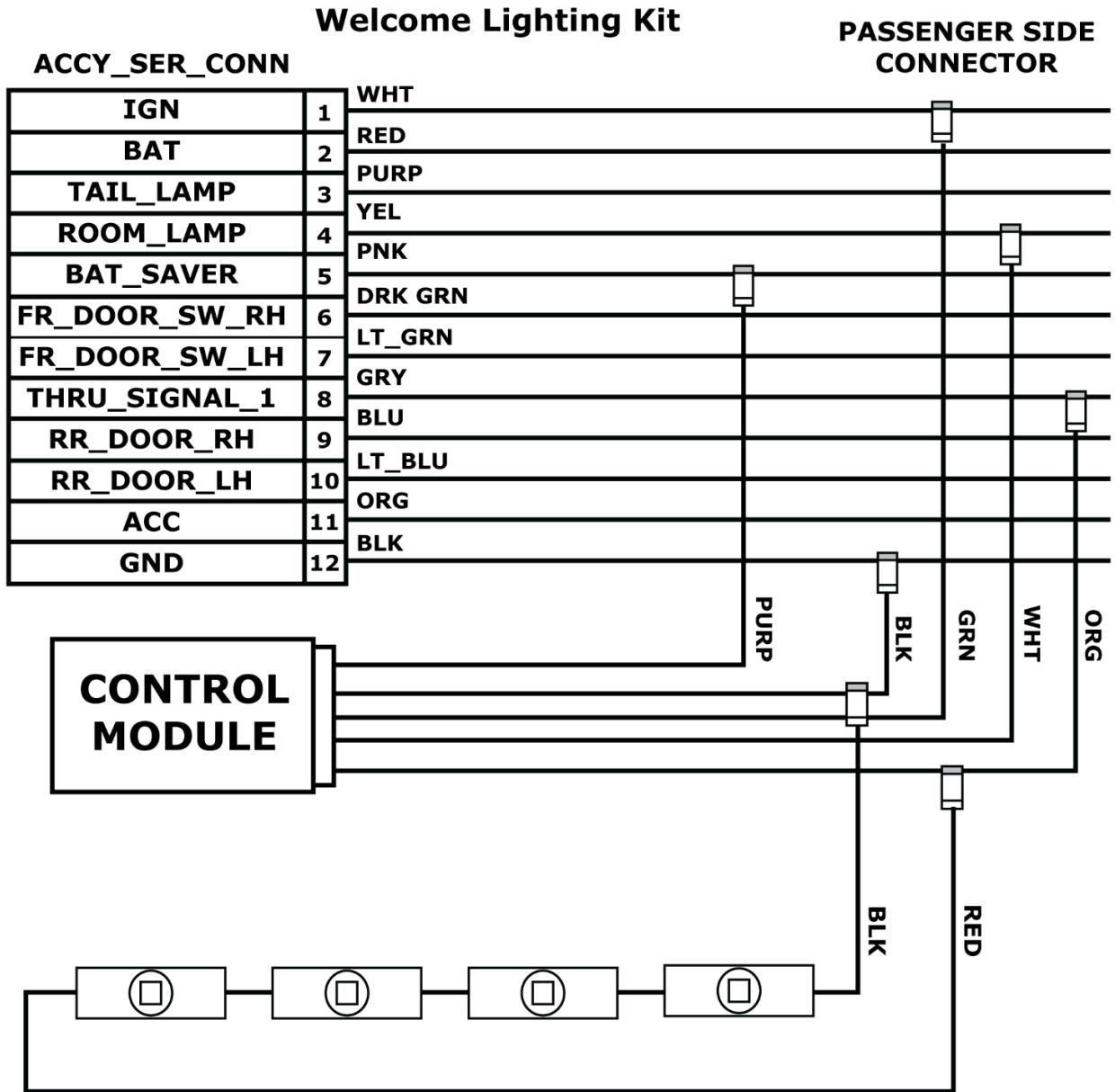
**Note: Pin location is referenced looking into wire side of connector.**

### LED MODULES LH

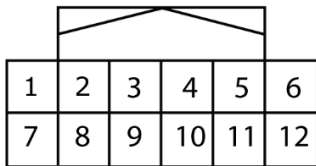


# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## MECHANIZATION



**TH12MW-NH**



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

