



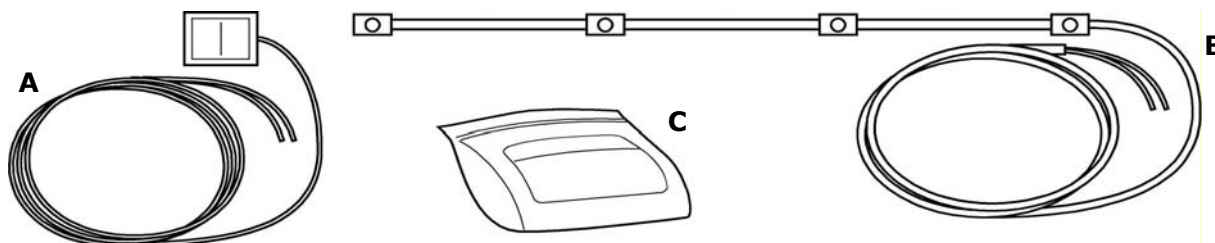
## GENUINE PARTS

### INSTALLATION INSTRUCTIONS

1. **DESCRIPTION:** Infiniti Welcome Lighting Kit
2. **APPLICATION:** Infiniti Q50
3. **PART NUMBER:** 999F4 AX110 - Universal Security Lighting Kit.  
999Q9 J2002 - Accessory Service Connector

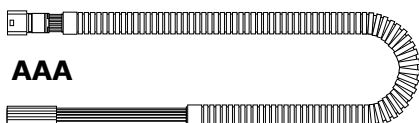
#### 4. KIT CONTENTS:

Item	QTY	Description	Service Part Number
A	1	Control module	999F4 AX088
B	2	LED Assembly	999F4 AX023
C	1	Misc parts kit (see BOM for details)	999F4 AX065

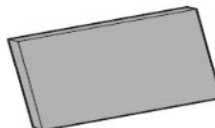


#### ITEMS NOT IN KIT THAT MAY BE REQUIRED

AAA	1	Accessory Service Connector	999Q9 J2002
AAAA	1	Black Foam Patch, 150mm x 230mm	24271-ZW40A



AAAA



#### 5. 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.

#### 6. PRE-INSTALLATION CAUTION/NOTES

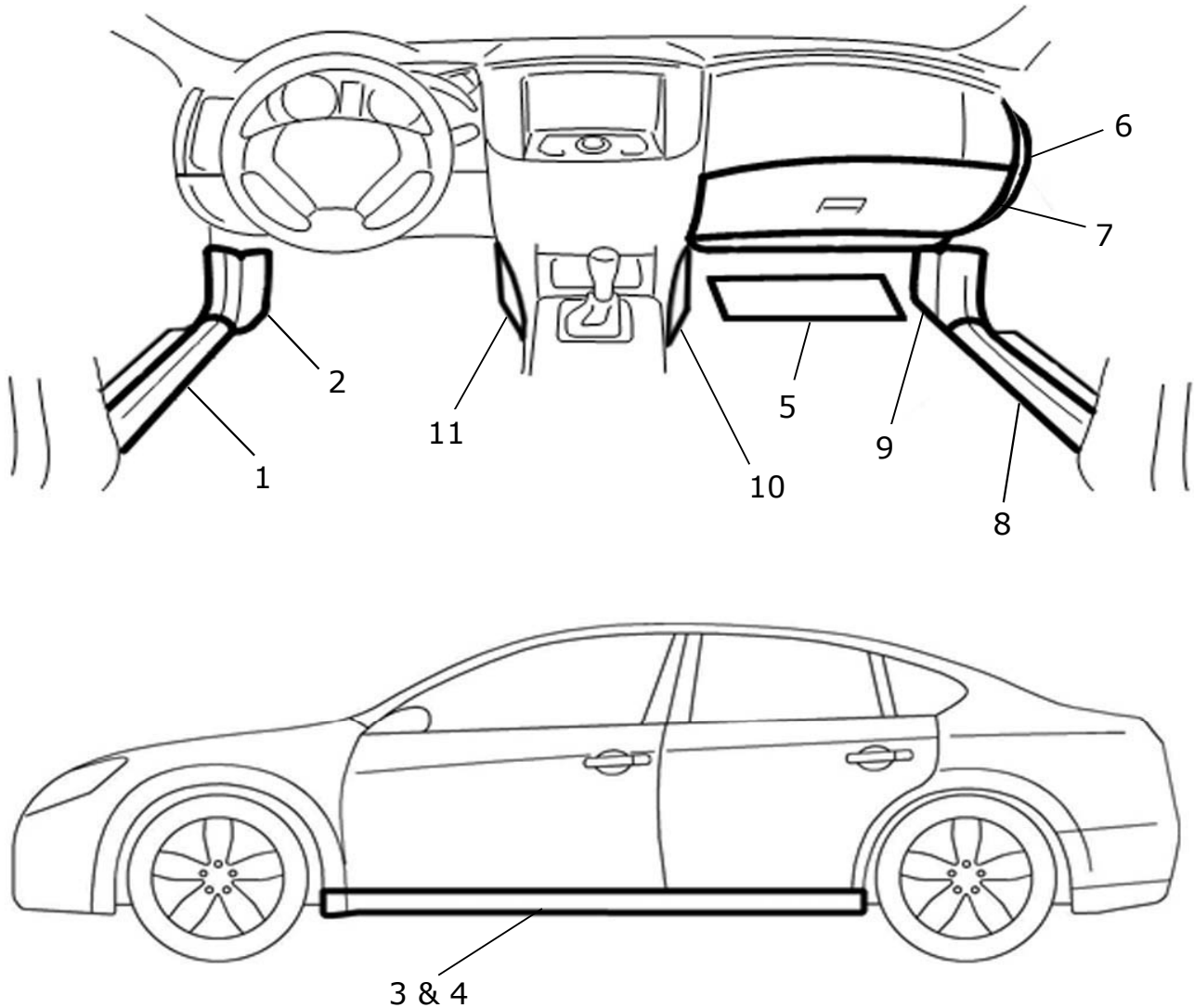
- Dealer installation recommended. Instructions may refer to Service Manual
- Installation may require special tools
- This part is to be installed within a surface temperature range of 70-100°F

#### **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

## 7. INSTALLATION OVERVIEW

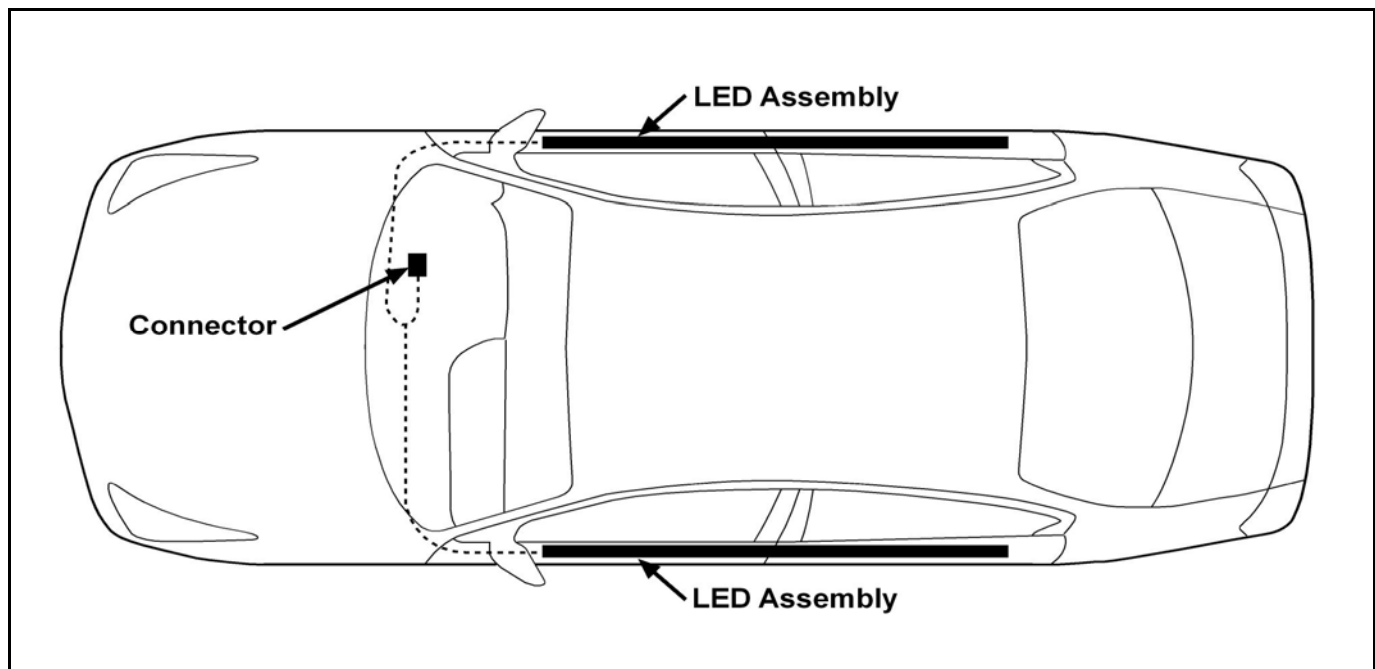
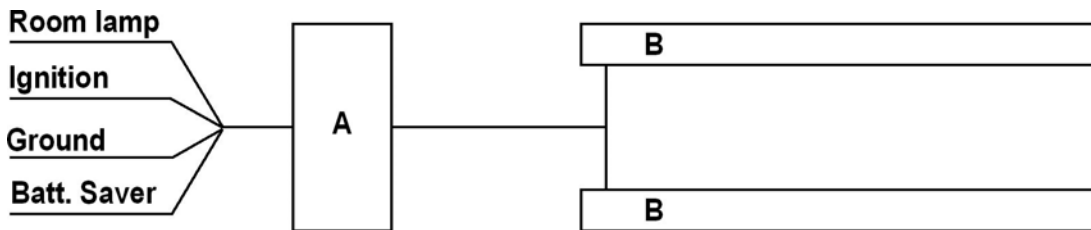


### **REMOVAL SEQUENCE**

1. Door Sill Trim Panel, LH
2. Footwell Trim Panel, LH
3. Mudguard, LH
4. Mudguard, RH
5. Cover Instrument Lower RH
6. Instrument Side Finisher
7. Glove Box
8. Door Sill Trim Panel, RH
9. Footwell Trim Panel, RH
10. Center Trim Panel, RH
11. Center Trim Panel, LH

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 7. INSTALLATION OVERVIEW



## 8. CRITICAL STEPS

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

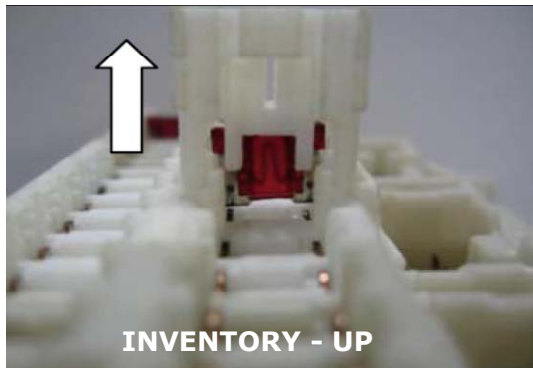
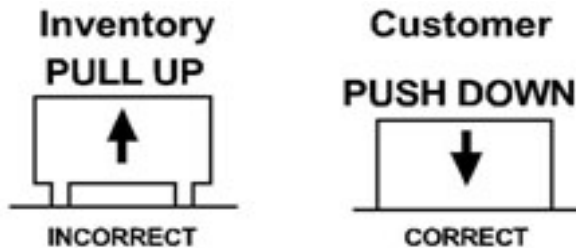
- Location of the lights must be followed exactly as described in this instruction.
- Posi-Tap™ instructions must be specifically followed as described.
- Be sure to apply masking tape as needed in order to protect any areas that may become scratched or damaged by tools.
- Be sure to apply foam tape 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.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 9. VEHICLE PREPARATION:

- 1) Apply parking brake
- 2) Confirm the vehicle is no longer in the default shipping state (Extended Storage Switch Pulled Up and BCM in Transit Mode). Failure to confirm the vehicle has been removed from this state will result in the loss of normal vehicle operation.

3a) Locate the Extended Storage Switch in the cabin fuse block. Once located, check that it is in the "Customer" position. See below for reference.



### 3b) To remove transit mode:

1. Remove fuse cover lid
2. Push down shorting pin
3. Ign On 2 times without turning vehicle on

### To return to transit mode:

1. Ign Off
2. Remove fuse cover lid
3. Pull up shorting pin
4. Assemble fuse cover lid
5. Ign On 2 times without turning vehicle on
6. Confirm transit mode condition on meter

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

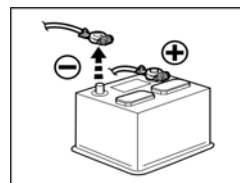
- 4) Record customer radio presets.

	1	2	3	4	5
A					
B					
C					

**NOTE: USE CAUTION WHEN REMOVING / RE-INSTALLING TRIM COMPONENTS TO AVOID DAMAGE, SCRATCHES, BREAKING OF CLIPS AND / OR INTERIOR TRIM PANELS. MOVE ALL TRIM COMPONENTS TO A PROTECTED AREA.**

## WARNING

**Move driver and passenger seats to full back position. Disconnect negative battery terminal before proceeding.**

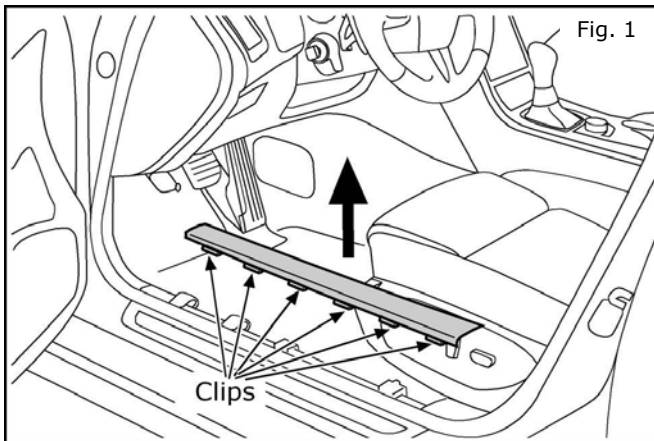


## 10. ORDER OF INSTALLATION

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

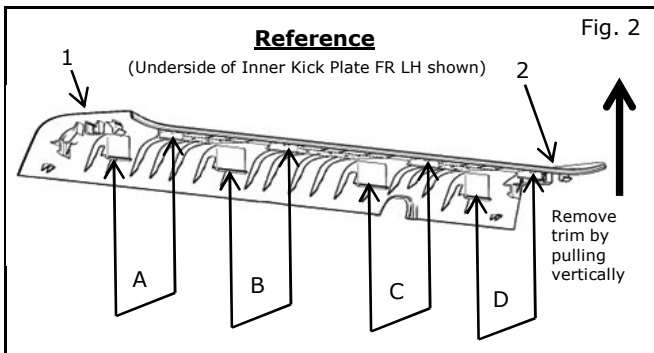
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 11. VEHICLE PREPARATION

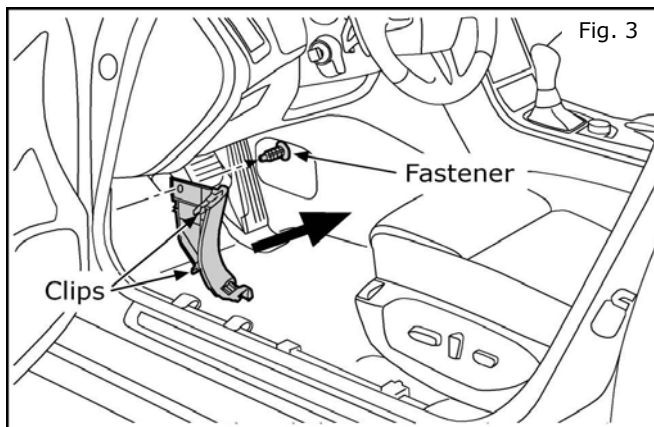


1. Use a trim stick to carefully pry off the trim panel at six (6) clip locations along the bottom door seal. Remove footwell trim panel by pulling vertically.

**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.

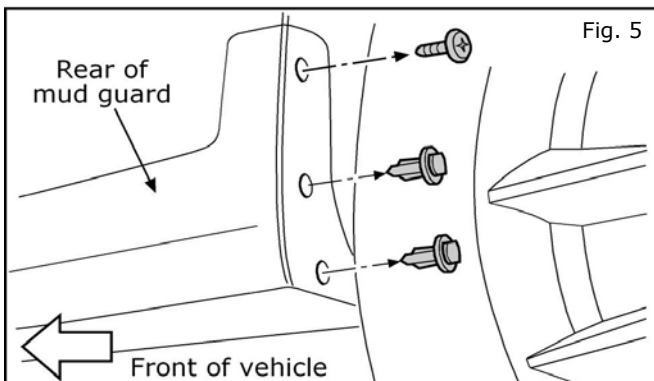


3. Remove one (1) fastener clip from the outer footwell trim panel (LH). Use a trim stick to carefully pry off the trim panel at clip locations shown in Fig. 2. Remove part horizontally toward center of vehicle.

**NOTE: Be careful not to damage clips on panel.**

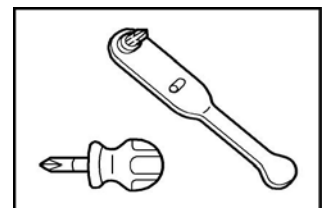
### 4. RAISE THE VEHICLE

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



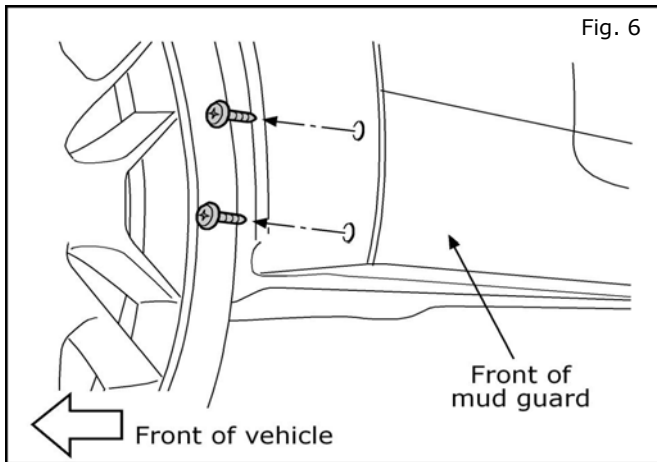
5. Remove one (1) phillips screw and two (2) retaining clips at the rear of the center mud guard on both sides of the vehicle.

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

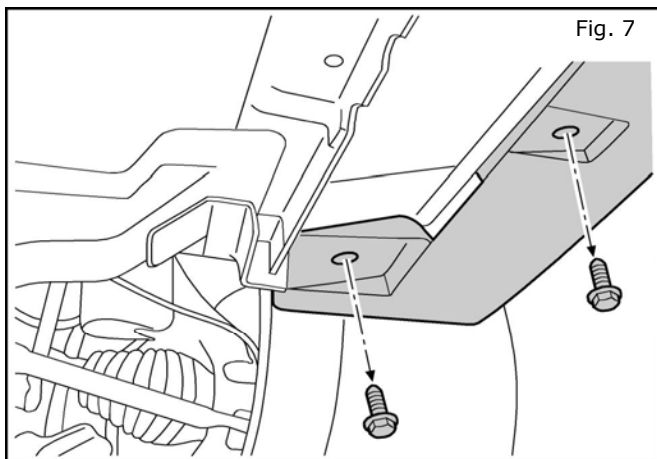


# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 11. VEHICLE PREPARATION



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

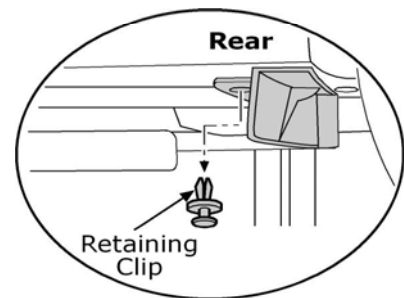


7. Begin removal of the center mud guards.

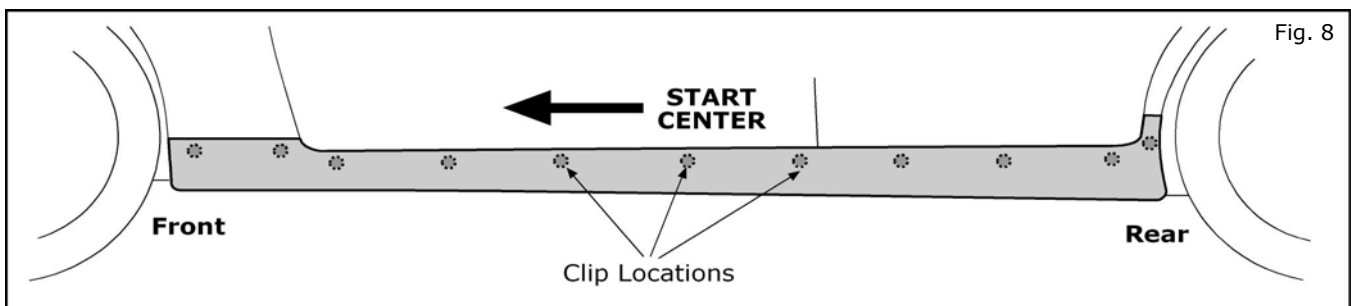
Carefully remove eight (8) 10mm hex bolts from the bottom of the mud guards on both sides of the vehicle.

8. Remove one (1) retaining clip from the bottom of the rear deflector panel under the mud guard.

Using hand pressure only, gently pry eleven (11) mud guard panel clips from the body on both sides of the vehicle. **Start at the center of the mudguard and work forward, then return to center and work towards back.**



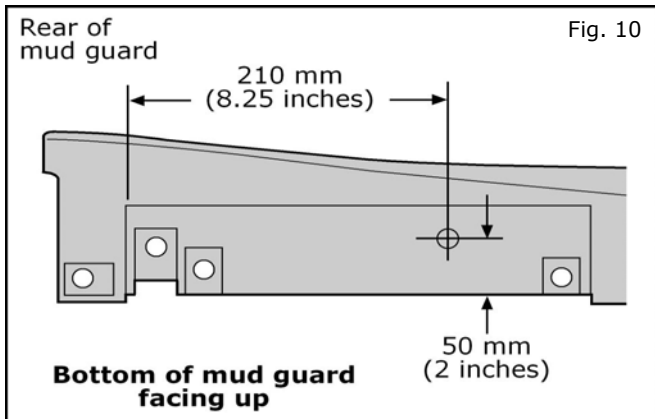
**NOTE: Place a cloth or other protective material over the door sill at the front of each door,**



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

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

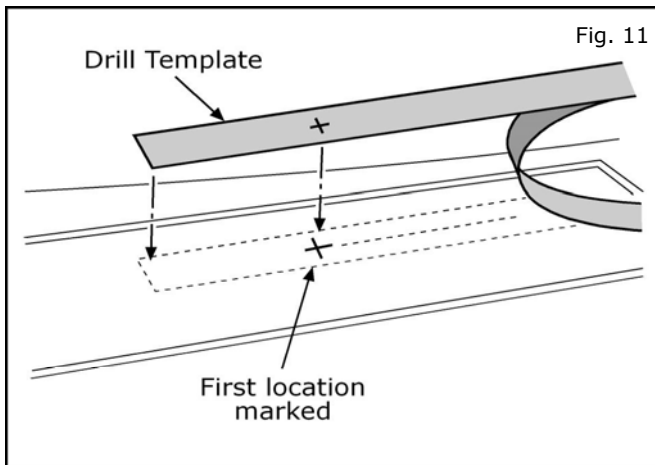
## 12. INSTALLATION



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

10. Starting at the **REAR** of the mud guard, measure and mark 260 mm (10.25 inches) from the rear edge as shown.

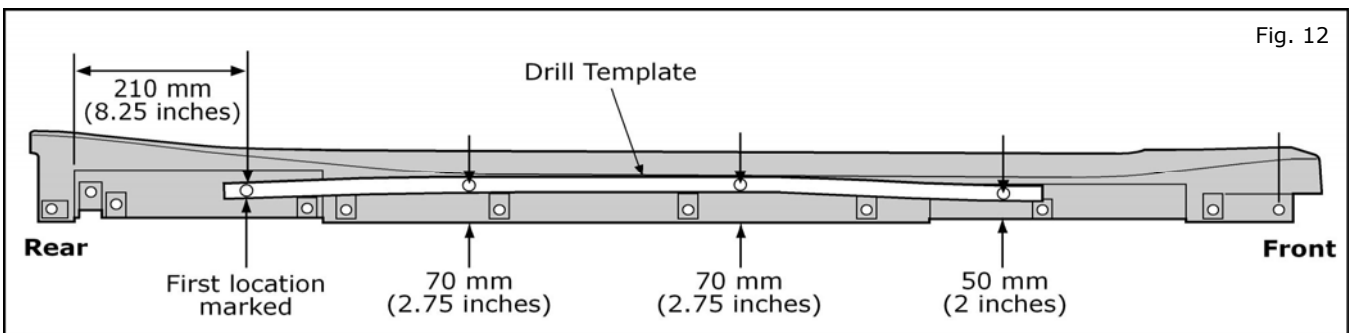
Measure and mark 50 mm (2 inches) from the inside edge of the mud guard.



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

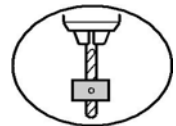
**NOTE: Be sure to keep the center drill marks on the template at the measurements indicated in Fig 10 relative to the inside edge of the mud guard. The drill template will not follow a straight line across the mudguard.**

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



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

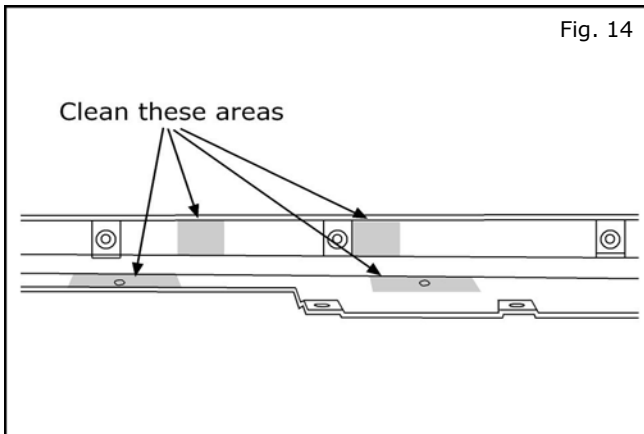
**Clean each hole so there is no flashing or shoulder from the drill.**



13. Repeat process for both mud guards

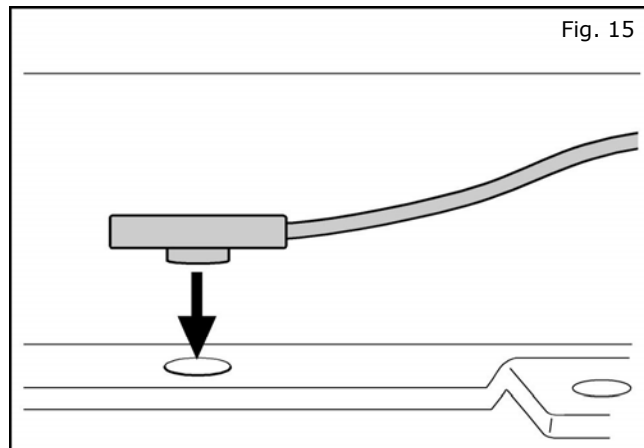
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 12. INSTALLATION



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

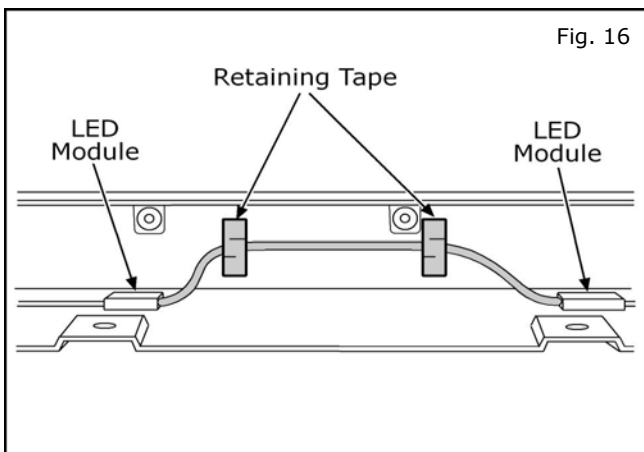
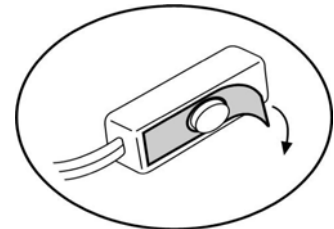
**Allow minimum of 1 minute to be sure alcohol is completely dry.**



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

**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.**



16. Repeat step 14 with the remaining three (3) LED modules. **Be sure the wiring between the modules does not become twisted as you are installing them to the mud guard.**

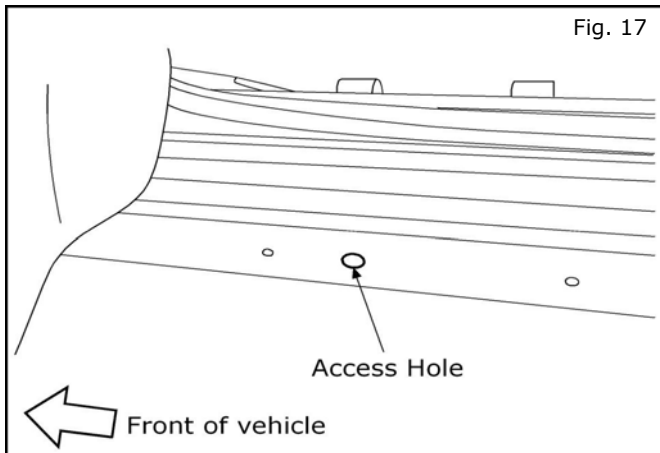
Once all the LED modules are in place, cut one (1) piece of retaining tape in half longways and secure the wiring as shown.

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

**REPEAT PROCESS FOR BOTH MUD GUARDS**

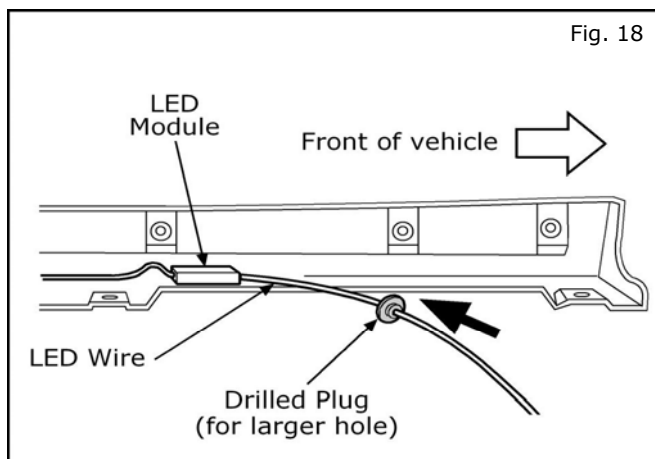
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 12. INSTALLATION



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

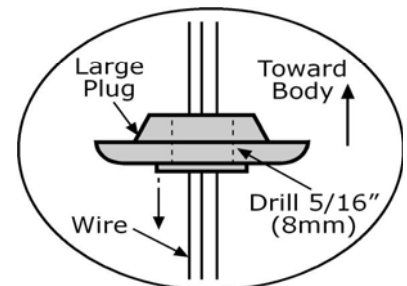
**NOTE: This will be the pass through for the wires that control the LED assembly.**



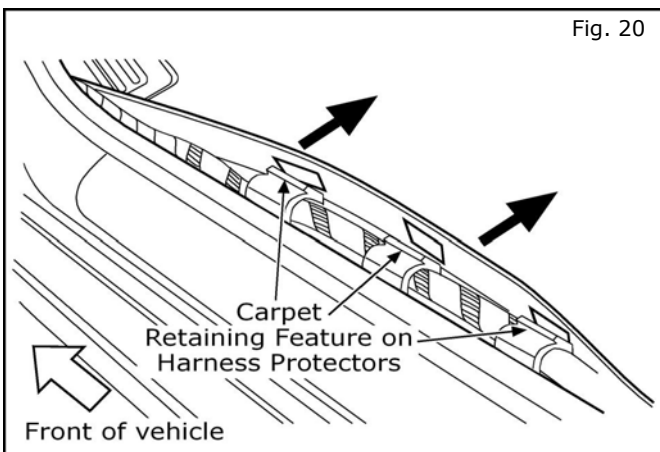
18. Locate the **large** plug in the kit. Drill a 5/16" (8mm) hole through the center of the plug. From below the vehicle, feed the drilled plug **over** the wire extending from the front LED module.

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

**REPEAT PROCESS ON OPPOSITE SIDE OF VEHICLE**



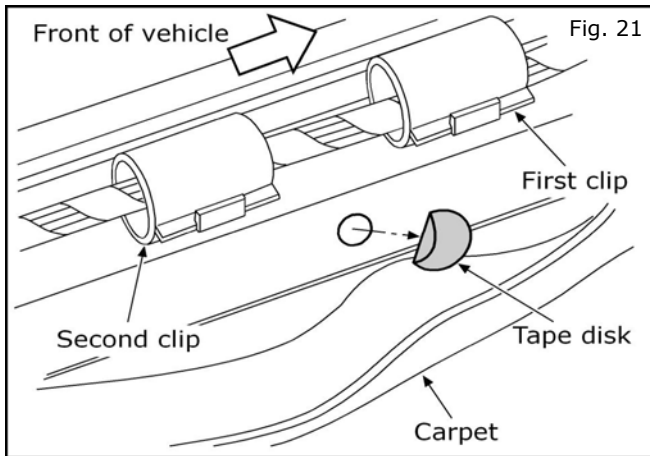
19. **LOWER THE VEHICLE.**



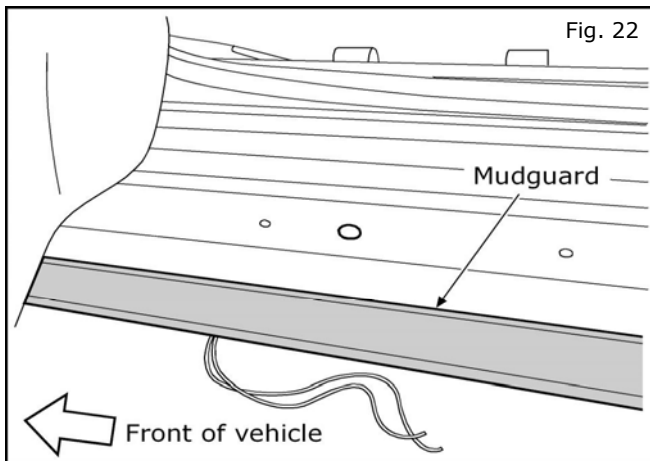
20. Carefully pull back carpet edge inside the driver side door sill. Carefully pull carpet up over the carpet retaining features on the harness protectors.

## INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

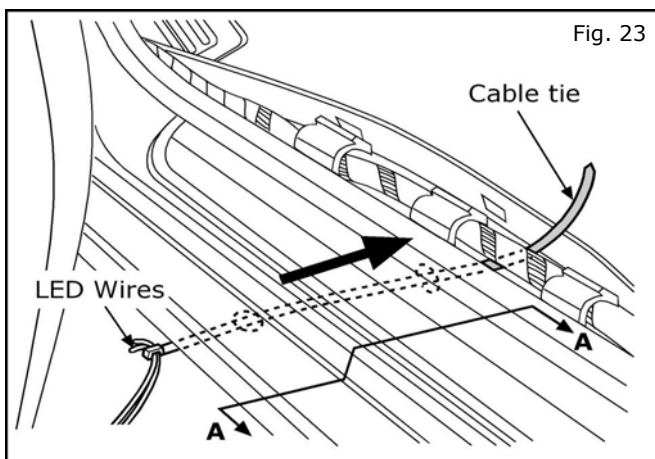
### 12. INSTALLATION



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



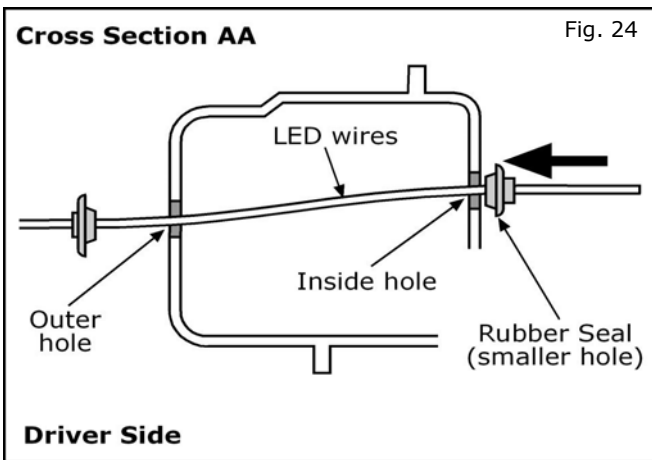
22. Position the mudguard close to the vehicle.



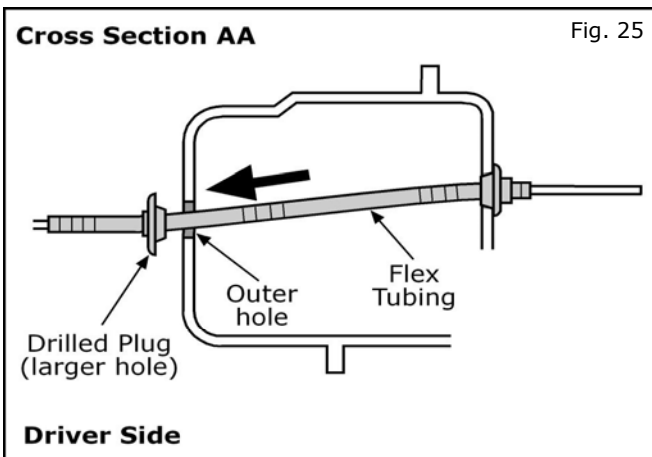
23. Next, feed the wires through the end of a long cable tie. Use the cable tie to route the wires through the hole in the side of the vehicle and through the access hole inside the door sill.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 12. INSTALLATION

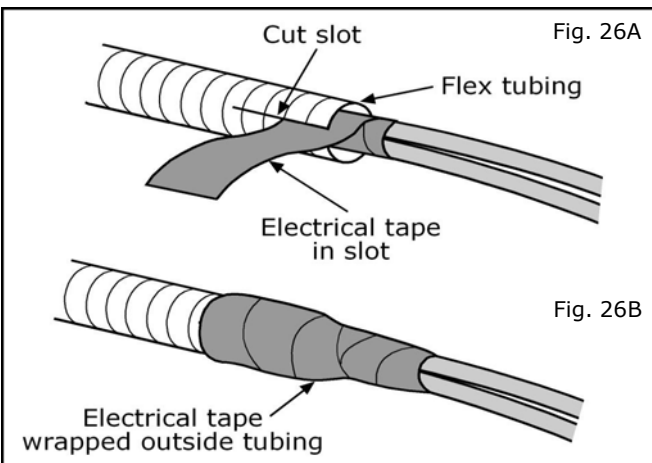


24. Feed the small rubber seal provided in the kit over the wires from inside the vehicle. Press the seal into place at the inside hole.



25. Feed the flex tubing **over** the wires from the inside. The flex tubing will pass **through** both rubber seals to the 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.**

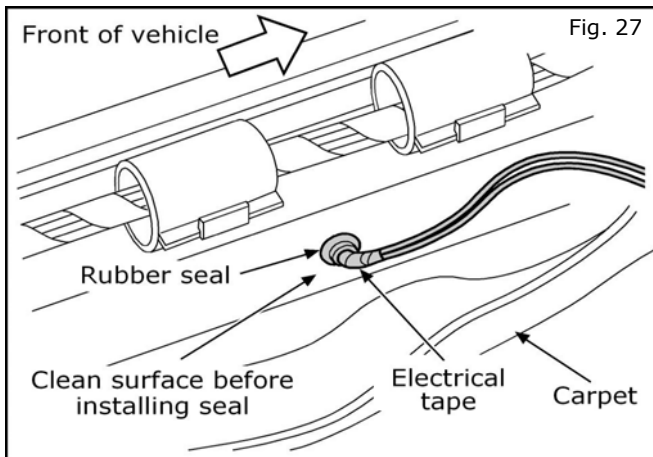


26. To properly secure the wiring at the end of the flex tubing **inside the vehicle** follow these steps:

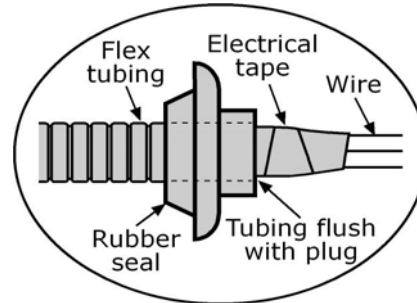
- 1) Carefully cut a short slot in the side of the flex tubing. Wrap electrical tape twice around the wiring and then feed the unwrapped length of tape into the slot as shown in Fig 25A.
- 2) Finish by wrapping more electrical tape around the outside of the flex tubing and the wiring to seal and secure the wiring as shown in Fig 25B.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

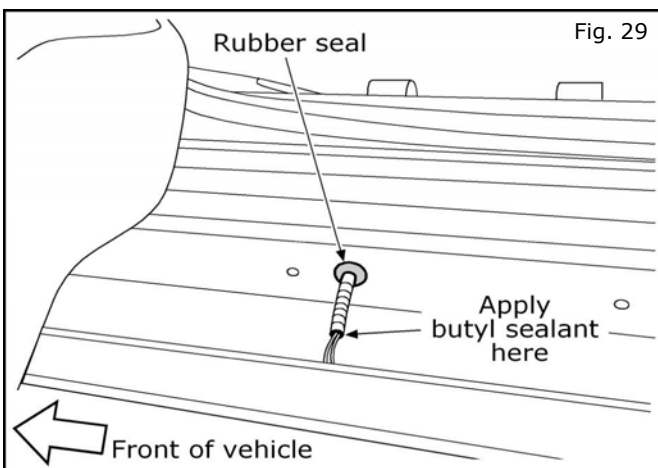
## 12. INSTALLATION



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

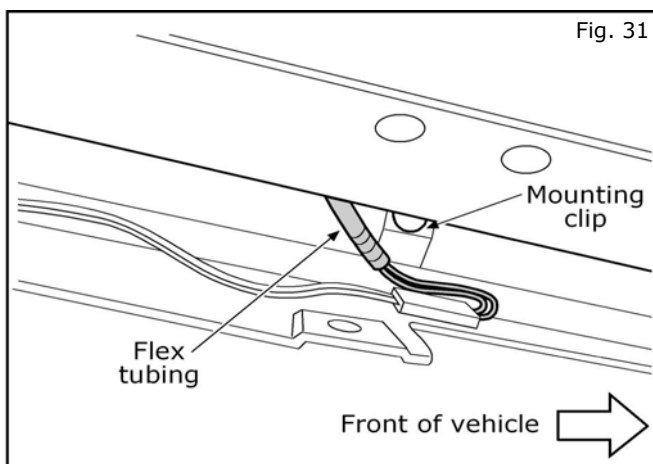


### 28. RAISE THE VEHICLE



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

30. **REPEAT Steps 16 though 28 for passenger side of vehicle**



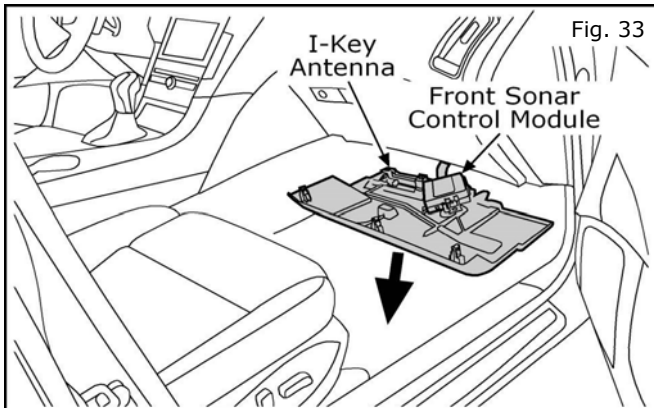
31. Carefully reinstall both mudguards using the retaining clip and six (6) phillips head screws removed earlier (see Fig. 6).

**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

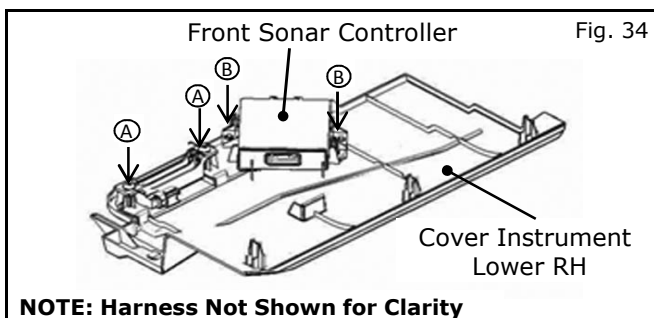
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 12. INSTALLATION



33. Carefully pry down the Cover Instrument Lower RH from underneath the glovebox.

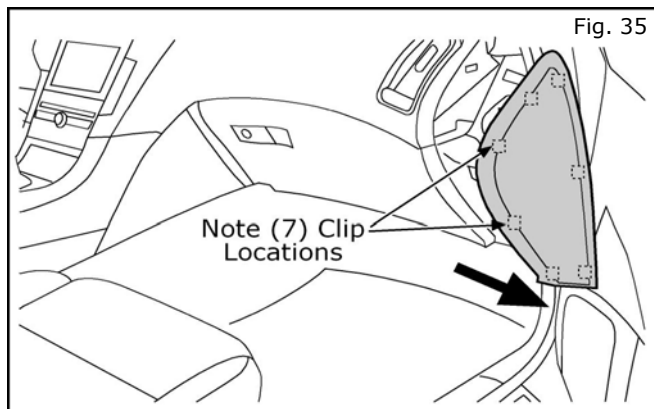
**NOTE: DO NOT UNPLUG THE CONNECTORS FROM THE KEY FOB SENSOR OR THE FRONT SONAR CONTROLLER. BOTH UNITS MUST BE REMOVED WITHOUT BEING DISCONNECTED FROM THE HARNESS.**



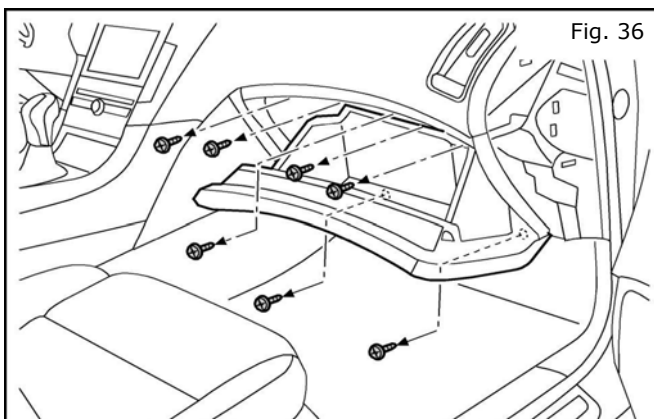
34. I-Key Antenna removal.  
a) Remove two Phillips head screws (A) as shown.  
b) **Leave the connector attached**

Front Sonar Controller removal.

- a) Remove two Phillips head screws (B) as shown.  
Note: The screws at (B) attach through the other side of the Cover Instrument Lower RH  
b) **Leave the connector attached**



35. Use a trim stick at clip locations to carefully remove the Instrument Side Finisher RH by pulling it straight out from the end of the dash.

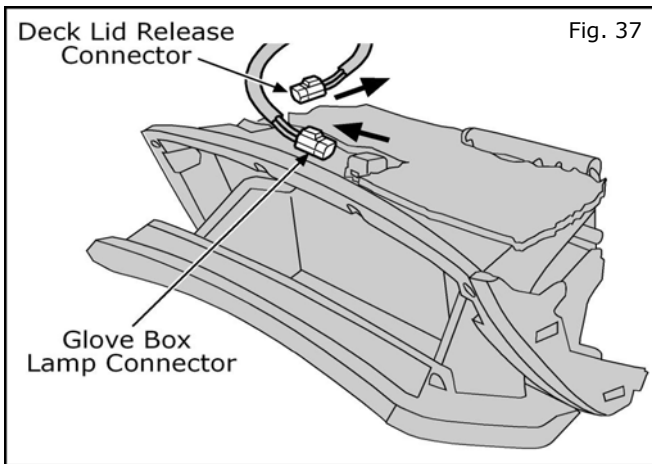


36. Open the glovebox door. Remove two (2) phillips head screws from the underside of the glovebox. Remove four (4) phillips head screws from the top edge of the glovebox and one (1) phillip head screw from the inside center of the glovebox compartment.

**NOTE: Place fasteners in secure location for later reinstallation.**

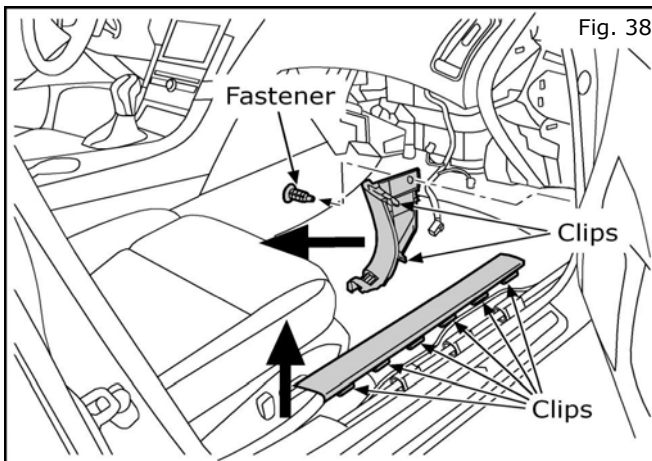
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 12. INSTALLATION



37. Carefully pull out the glovebox assembly. Unplug and remove the the glovebox lamp and trunk switch connectors. Fully remove the glovebox assembly and set aside.

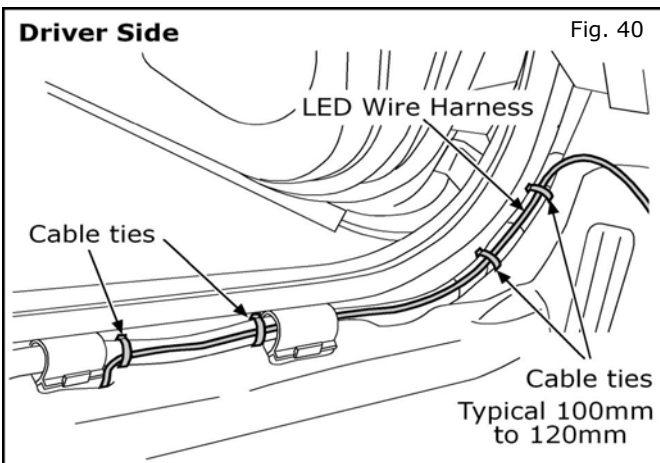
**NOTE: Place glovebox assembly on a protected work surface to avoid any scratches or damage.**



38. Use a trim stick at clip locations to carefully pry off the passenger side trim panel along the bottom door seal. Remove part vertically. Remove one (1) fastener clip from the outer footwell trim panel. Use a trim stick to carefully pry off the trim panel. Remove part horizontally toward center of vehicle.

**NOTE: Be careful not to damage any clips on the panels.**

**39. REPEAT STEPS 19 - 32 ON PASSENGER SIDE**

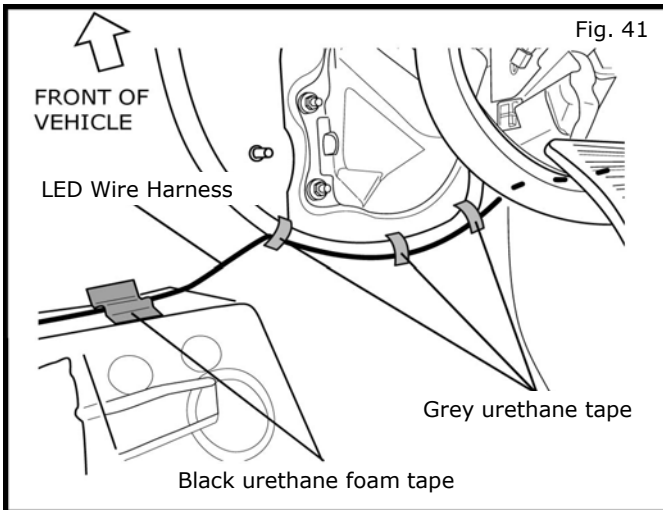


40. Route driver side LED wire harness along vehicle's harness. Secure LED wire harness to vehicle's harness with cable ties (2 locations).

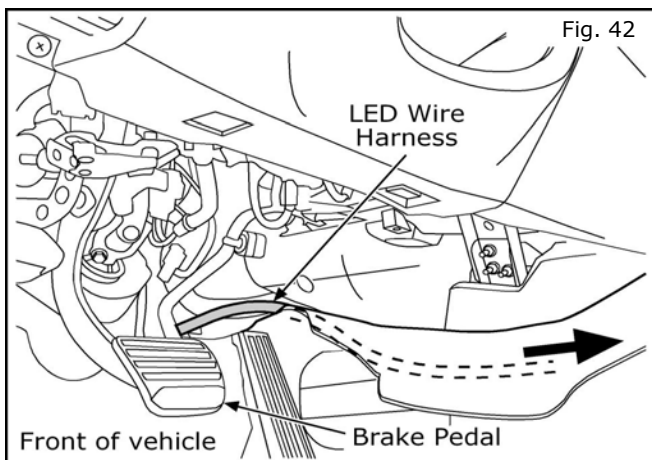
**NOTE: Recommended spacing for cable ties is 100mm to 120mm.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 12. INSTALLATION



41. Route LED wire harness along vehicle parking brake cable as shown. Secure LED wire harness to vehicle's brake cable using grey urethane tape (3 places), then secure LED wire harness to vehicle's floor by using Black urethane foam tape (1 place) as shown.

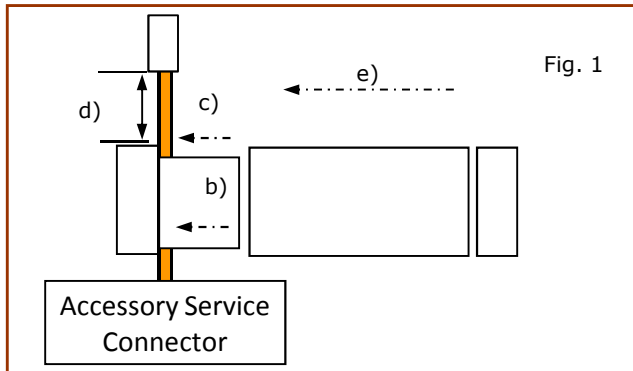


42. Route the Red and Black wires from the driver side LED harness through the center stack and over to the passenger side footwell.

**NOTE: A fish wire tool is recommended to guide the wires through the center stack.**

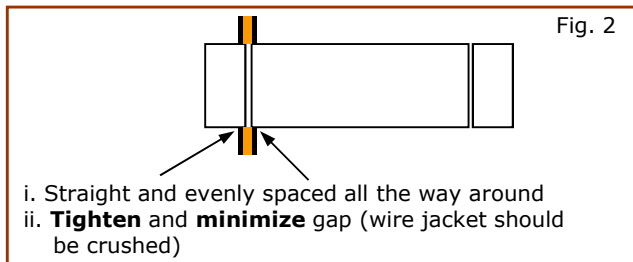
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 13. POSI-TAP INSTRUCTION for the Accessory Service Connector ONLY.



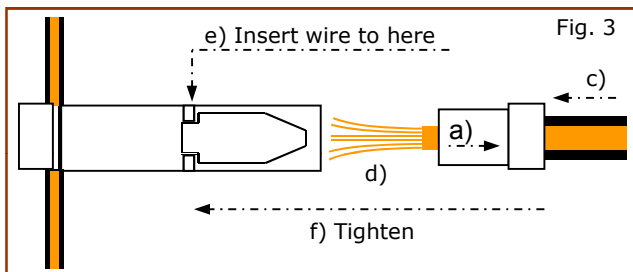
- 1) Tap Accessory service wire.
  - a) Identify and confirm correct wire in the Accessory Service Connector to be tapped.
  - b) Remove cap (slot side) from tap body.
  - c) Slide cap around single accessory wire.
  - d) Position cap  $\geq 6.35\text{mm}$  (0.25 in) away from the heat shrink end of 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.

**NOTE: Figures are not to scale.**

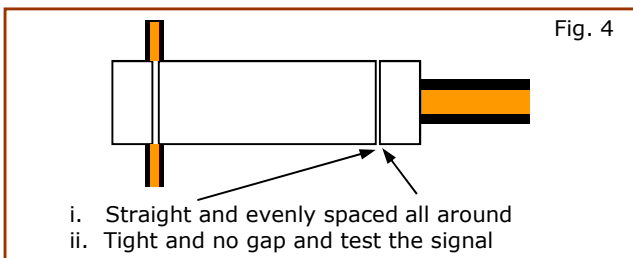


- 2) Inspect the tap to ensure correct installation.
  - a) Pull on the wire lightly to ensure connection.
  - b) Inspect the tap to ensure correct installation.
  - c) Test the signal to ensure that it is working properly.

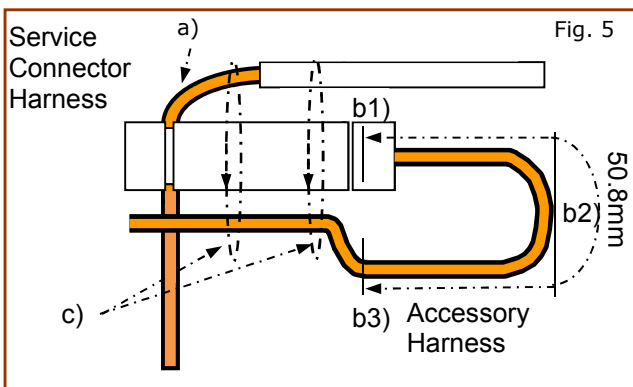
**NOTE: Avoid putting pressure on the vehicle wire and tap for the remainder of the installation.**



- 3) Tap accessory wire.
  - 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.



- 4) Confirm the tapped accessory wire.
  - 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 properly.

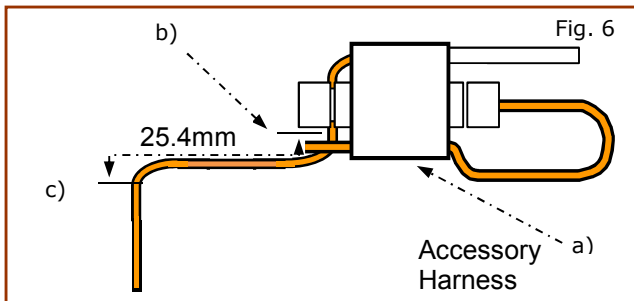


- 5) Forming strain relief loop (always required)
  - a) Gently bend the end of the pierced wire (where it exits the cap) down towards body of posi-tap.
  - b) On the tapped wire of the non-pierce side; starting at point b1), measure 50.8mm (2 in) to point b3). Make the first bend of the loop b2), half the distance measured 25.4mm (1 in), and up toward the body of the posi-tap, make the second bend of the loop b3) in towards the posi-tap so it can be secured with electrical tape.
  - c) Secure the pierced wire on the heat shrink side and the tapped wire on the non-pierce side to the body of the tap with electrical tape ( $\geq 2$  revolutions).

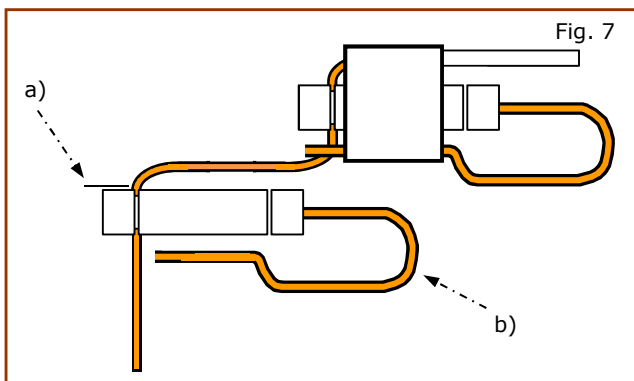
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 13. POSI TAP INSTRUCTION IF securing multiple posi-taps on a single circuit.

**NOTE: If securing multiple taps to single circuit, continue to Step 6, if tapping different circuits repeat steps 1-5 as required, then proceed to step 10**

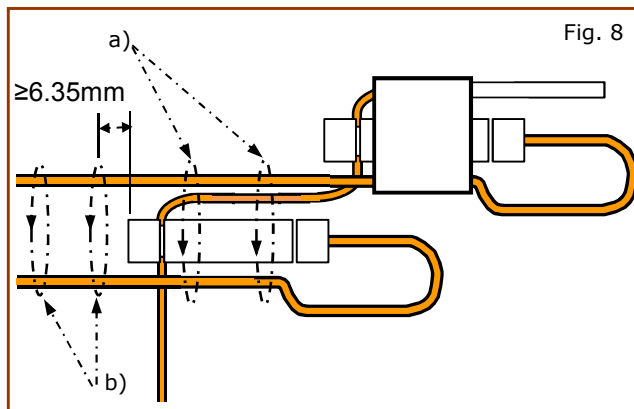


- 6) Multiple posi-taps on the same wire; first tap
  - a) The first accessory is tapped, relieved and secured as shown in Fig 1 thru 5 (these steps are always the same).
  - b) Measure 25.4mm(1in) from point b) to point c) on the pierced wire.
  - c) At points b) & c), bend the pierced wire gently to form the "staircase" shape.



- 7) Multiple posi-taps; second accessory.
  - a) Tap second accessory at point b), making sure to preserve "staircase shape".
  - b) After tapping second accessory, form a strain relief loop for the tapped wire on the non-pierce side as shown in Fig c) and detailed in step 5b.

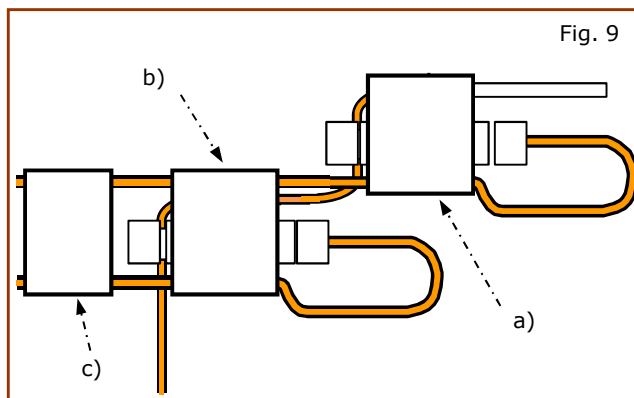
**NOTE: Do not secure before reading step 8. Repeat as necessary.**



- 8) Securing multiple posi-taps on the same circuit
  - a) Secure the pierced and tapped wires from the first posi-tap, along with the tapped wire from the non pierce side of the 2nd posi-tap to the body of the 2nd tap with electrical tape ( $\geq 2$  revolutions).
  - b) Secure the tapped wires from the non-pierced sides of each tap to each other with electrical tape ( $\geq 2$  revolutions) at a distance of  $\geq 6.35\text{mm}(0.25\text{in})$  from the head of last posi-tap shown in Fig b).

**Note: Repeat as required**

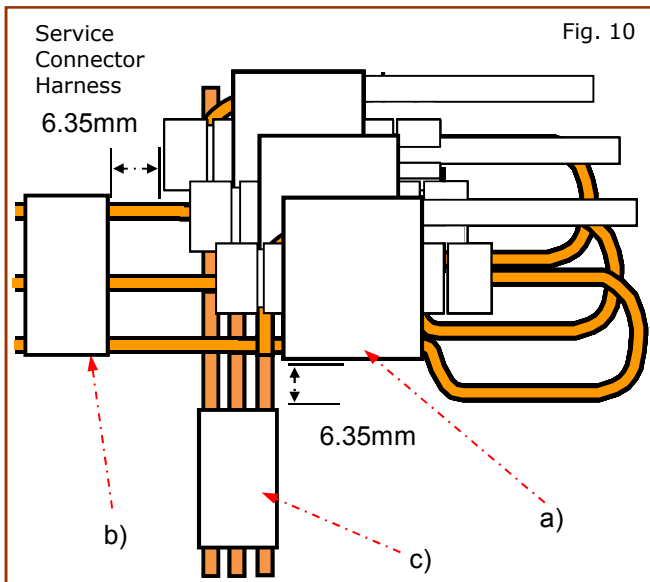
**Note: No single wire should be posi-tapped more than four times to maintain integrity.**



- 9) Multiple accessory taps on the same circuit secured.
  - a) The first accessory is tapped, relieved and has the pierced wire on the heat shrink side and the tapped wire on the non-pierce side secured to the first tap as shown in Fig a).
  - b) The second accessory is tapped, relieved and has the pierced wire, the tapped wire on the non-pierce side and the tapped wire from the non-pierce side of the first posi-tap secured to the second tap as shown in Fig b).
  - c) Finally the tapped wires on the non-pierce side of the first and subsequent posi-taps are secured to each other as shown in Fig c).

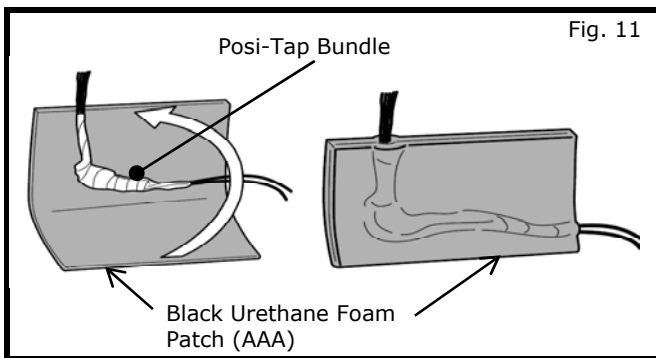
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 13. POSI TAP INSTRUCTION for securing multiple tapped wires together.

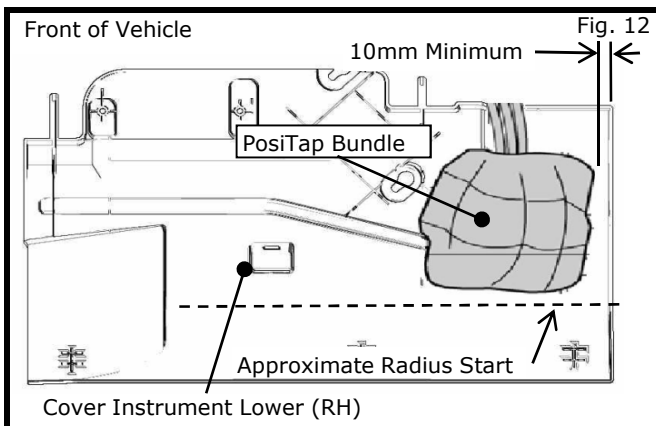


10) Multiple accessory taps on different circuits secured together.

- The tapped accessories (with wires already secured to tap bodies) are stacked slightly staggered on top of each other as shown in Fig a).
- The tapped wires on the non-pierce side of all the posi-taps are secured to each other with electrical tape ( $\geq 2$  revolutions) at a distance of  $\geq 6.35\text{mm}$  (0.25in) as shown in Fig b).
- The pierced wires of the first and subsequent posi-taps are secured to each other with electrical tape ( $\geq 2$  revolutions) at a distance of  $\geq 6.35\text{mm}$  (0.25in) as shown in Fig c).



11) Place secured Posi-tap bundle on sticky side of black urethane foam patch (AAA), then fold in half as shown.



12) Location of Completed PosiTap Bundle on the Cover Instrument Lower LH.  
a) Locate PosiTap Bundle as shown in Fig. 11  
b) Critical requirements:

- **Maximum Thickness of PosiTap Bundle not to exceed 25mm thick.**

- **Do not install PosiTap Bundle rearward of the radius of the Cover Instrument Lower (RH) Fig. 11.**

- **Do not install PosiTap Bundle closer than 10mm from edge of the Cover Instrument Lower (RH) Fig. 11**

**CAUTION: This Accessory Service Connector is for use only with Genuine Nissan (or Infiniti) approved accessories. Use of this connector with non Genuine 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.**

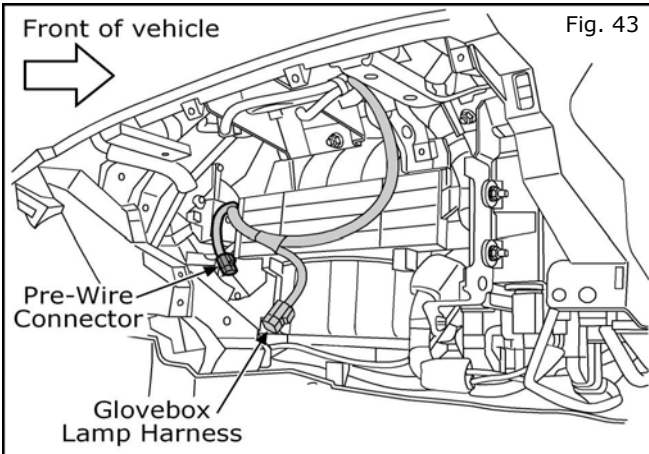
**NOTE: If unclear, it is up to the responsible NTCNA Accessory Engineer to determine which of the methods above is the most appropriate.**

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 14. INSTALLATION

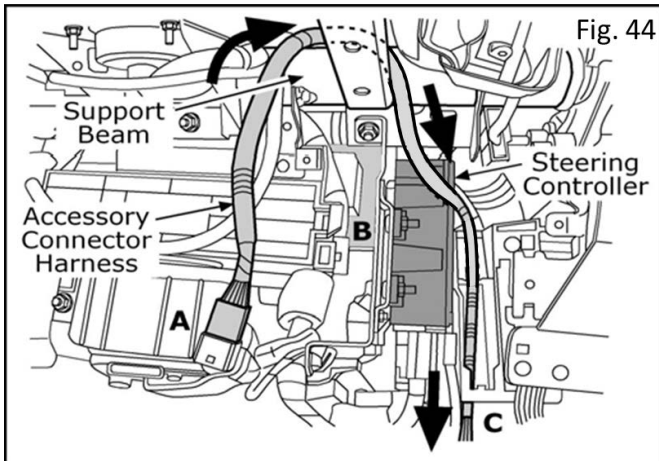
### CAUTION

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



43. Inside the glovebox cavity, locate the Pre-Wire Connector on the glovebox lamp harness. Carefully cut the tape holding the connector and pull it out away from the harness.

**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.**

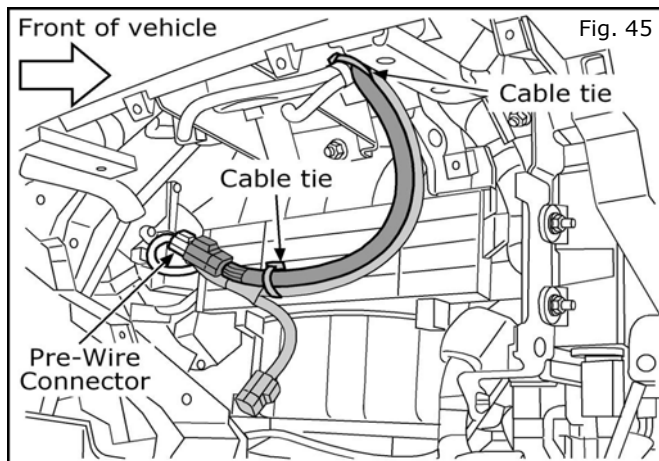


44. **The Accessory Connector Harness needs to be inserted into a path from Point (A) to Point (C) as shown.**

A two-step process is recommended to install the harness:

- 1) Tape the loose wire end of the Accessory Connector Harness to keep the wires rigid. Feed the harness over the Cross Car IP Support Beam so that it comes out at the gap (B) between the HVAC and the Steering Controller.
- 2) Against the Front-of-Dash, tuck the end of the accessory harness up and over the Steering Controller. The taped end of the harness should come out at (C) below. Remove the tape from Step 1.

**NOTE: Some vehicle configurations do not have as many obstacles as shown here.**

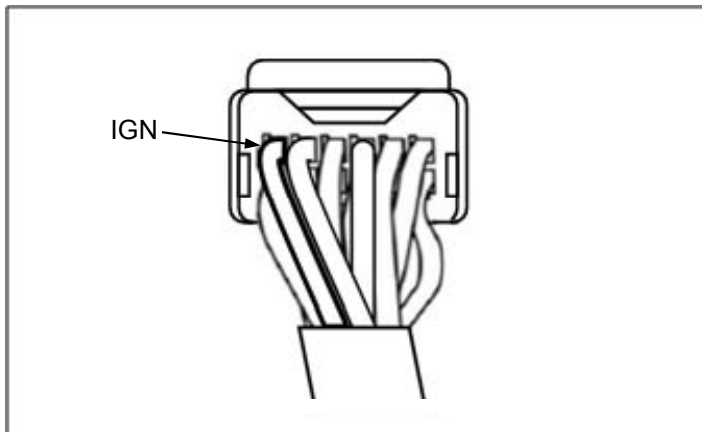
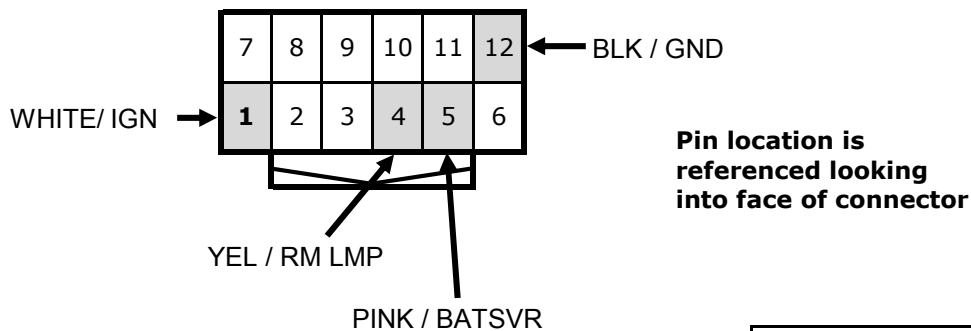


45. **Plug** the Accessory Connector Harness into the vehicle connector plug on the glovebox lamp harness. Secure the Accessory Connector Harness to existing vehicle harness locations with cable ties.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 15. ACCESSORY CONNECTOR MECHANIZATION

**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.**



999Q9 J2002		
Pin	Label	Color
1	IGN	WHITE
2	BAT	RED
3	TL_LMP	PURPLE
4	RM LMP	YELLOW
5	BATSVR	PINK
6	RR_DR_RH	DK BLUE
7	RR_DR_LH	LT BLUE
8	DR_LK_DR_FL_AS	GREY
9	FR_DR_SW_RH	DK GRN
10	FR_DR_SW_LH	LT GRN
11	ACC	ORANGE
12	GND	BLACK

Use posi-taps to connect the wiring as follows:

**Black** wire from the LED Assembly to the **Black** wire on the Connector Harness.

**Black** wire from the Control Module to the **Black** wire on the Connector Harness.

**Orange** wire from the Control Module to the **Red** wire from the LED.

**NOTE: Use a Posi-tap to seal the the end of the Red wire from the LED. Refer to Mechanization diagram.**

**White** wire from the Control Module to the **Yellow** wire on the Connector Harness.

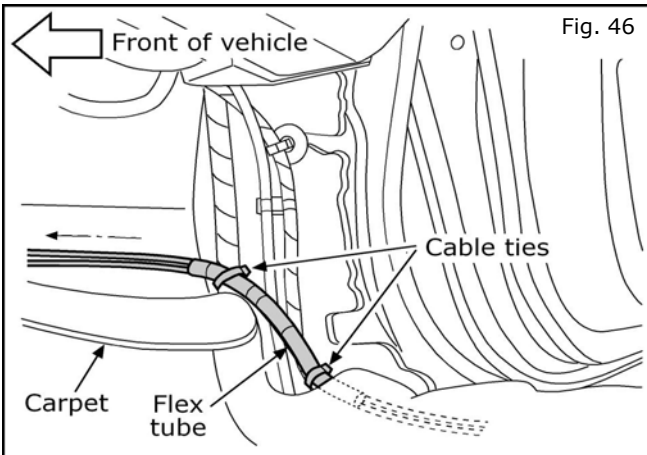
**Purple** wire from the Control Module to the **Pink** wire on the Connector Harness.

**Green** wire from the Control Module to the **White** wire on the Connector Harness.

**HARNESS NOT INCLUDED IN KIT.  
REFERENCE PART NUMBER 999Q9 J2002.**

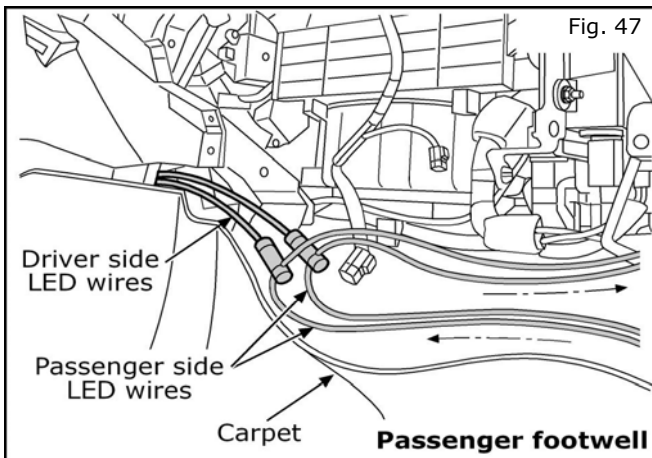
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 16. INSTALLATION



46. Pull back the carpet in the passenger side footwell. Feed a length of flex tubing over the wires for protection. Route the passenger side LED wires up across the footwell and over towards the center behind the carpet. Secure the wires to the existing harness with cable ties as shown.

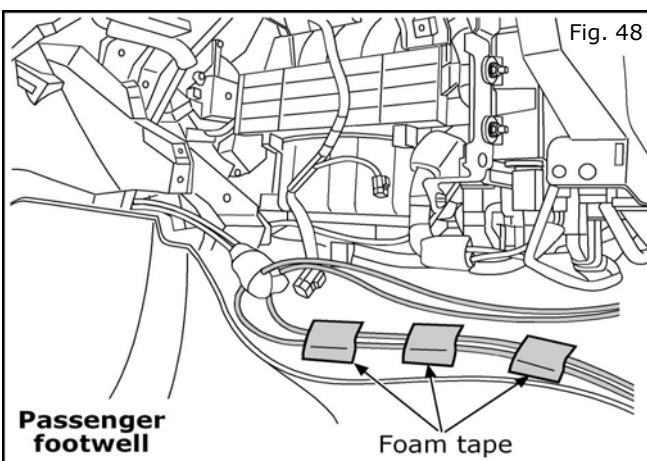
**NOTE: Do NOT secure the wiring to the drain tube in any way.**



47. Use a posi-tap to connect the **Red** wire from the driver side LED strip to the **Red** wire from the passenger side LED strip.

Use a posi-tap to connect the **Black** wire from the driver side LED strip to the **Black** wire from the passenger side LED strip.

**NOTE: Refer to Posi-tap installation procedures on pages 16 -18.**

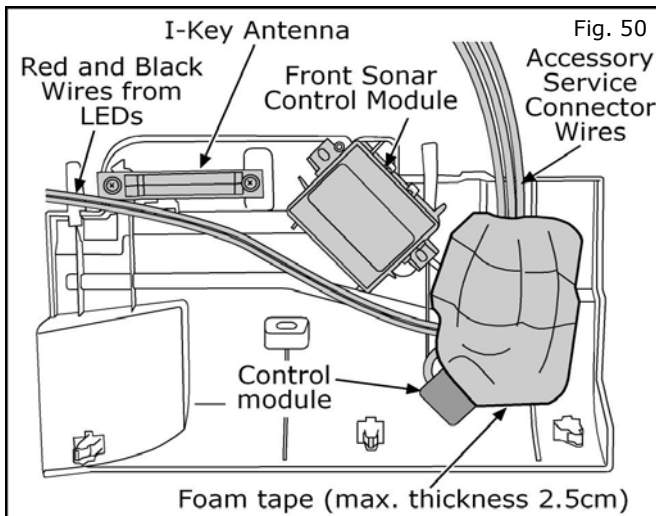


48. Secure the wiring from the LED Module to the footwell behind the carpet with foam tape as shown.

49. Use Posi-taps to connect the wiring from the LED Module and the Control Module to the Accessory Service Connector Harness as indicated on Page 20.

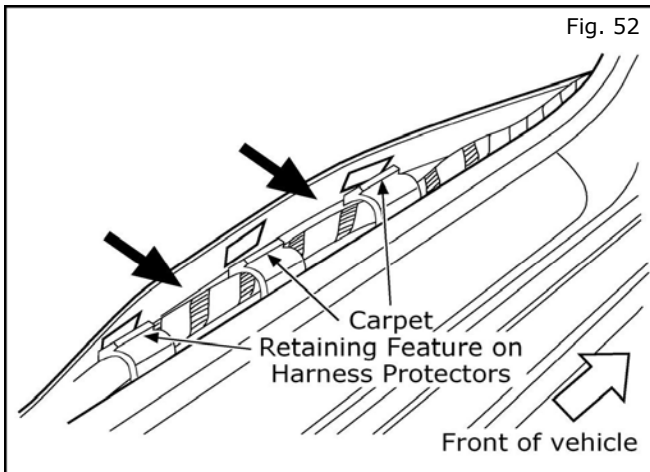
# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 16. INSTALLATION



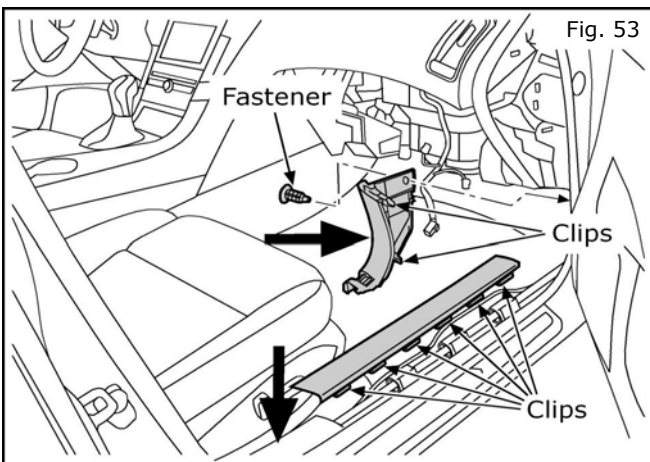
50. Spread the posi-tap bundle and Control Module out flat on the inside of the lower glovebox trim panel and secure with foam tape as shown.

51. **Reinstall** the I-Key Antenna and Front Sonar Control Module (See Fig. 35).



52. **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.



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

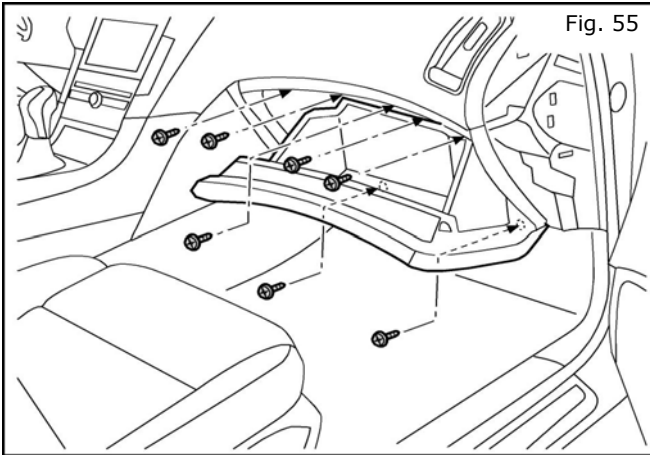
**Reinstall** the passenger side trim panel along the bottom door seal.

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

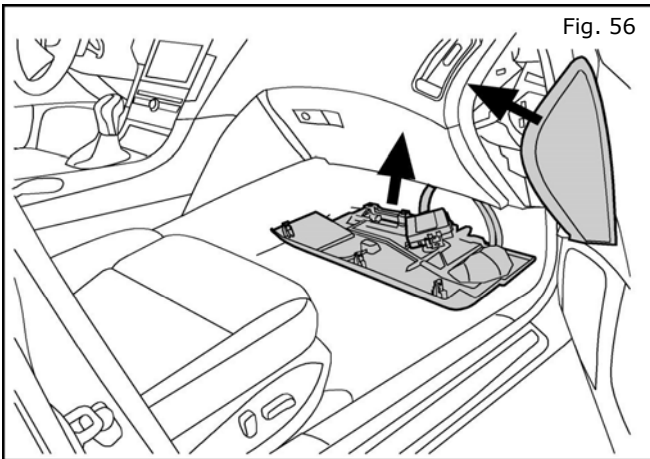
54. **REPEAT STEPS 52 AND 53 FOR DRIVER SIDE OF VEHICLE.**

## INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

### 16. INSTALLATION



55. **Reinstall** the glovebox. **Reconnect** all harness connectors (see Fig. 37).  
**Reinstall** seven (7) phillips head screws on the glovebox compartment.



56. **Reinstall the** Instrument Side Finisher RH.  
**Reinstall** the Cover Instrument Lower LH.

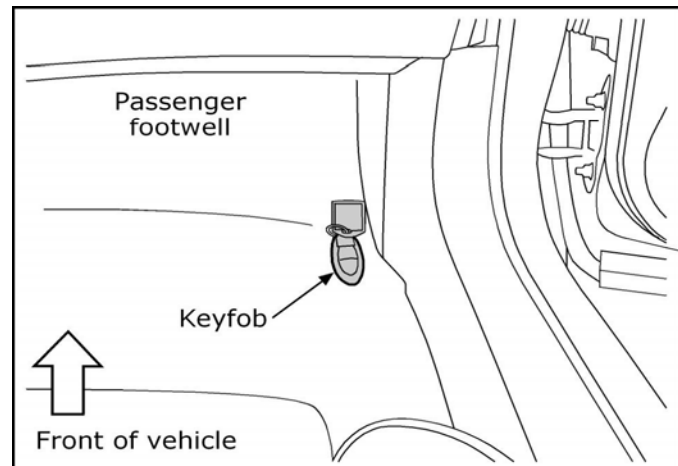
**NOTE:** Trim all cable ties. Check all wiring.  
Make sure all trim is in place.

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 17. 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) Verify that glovebox lamp operates properly. Turn on headlamps, open glove box and note whether light goes on.
- (11) Verify that the Key FOB Sensor operates properly. Place key fob in the front outer corner of the passenger footwell and start vehicle. Note whether vehicle starts
- (12) Verify that the Front Sonar Module is properly connected - Turn on vehicle, put vehicle in 'Drive'. Move slowly towards a large object in front of vehicle. Note whether alarm sounds.
- (13) Check and clear trouble codes (DTC).
- (14) Check power window auto-up control.  
If it is not functioning properly, hold switch in "up" position for 5 seconds.
- (15) 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)
- (16) 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

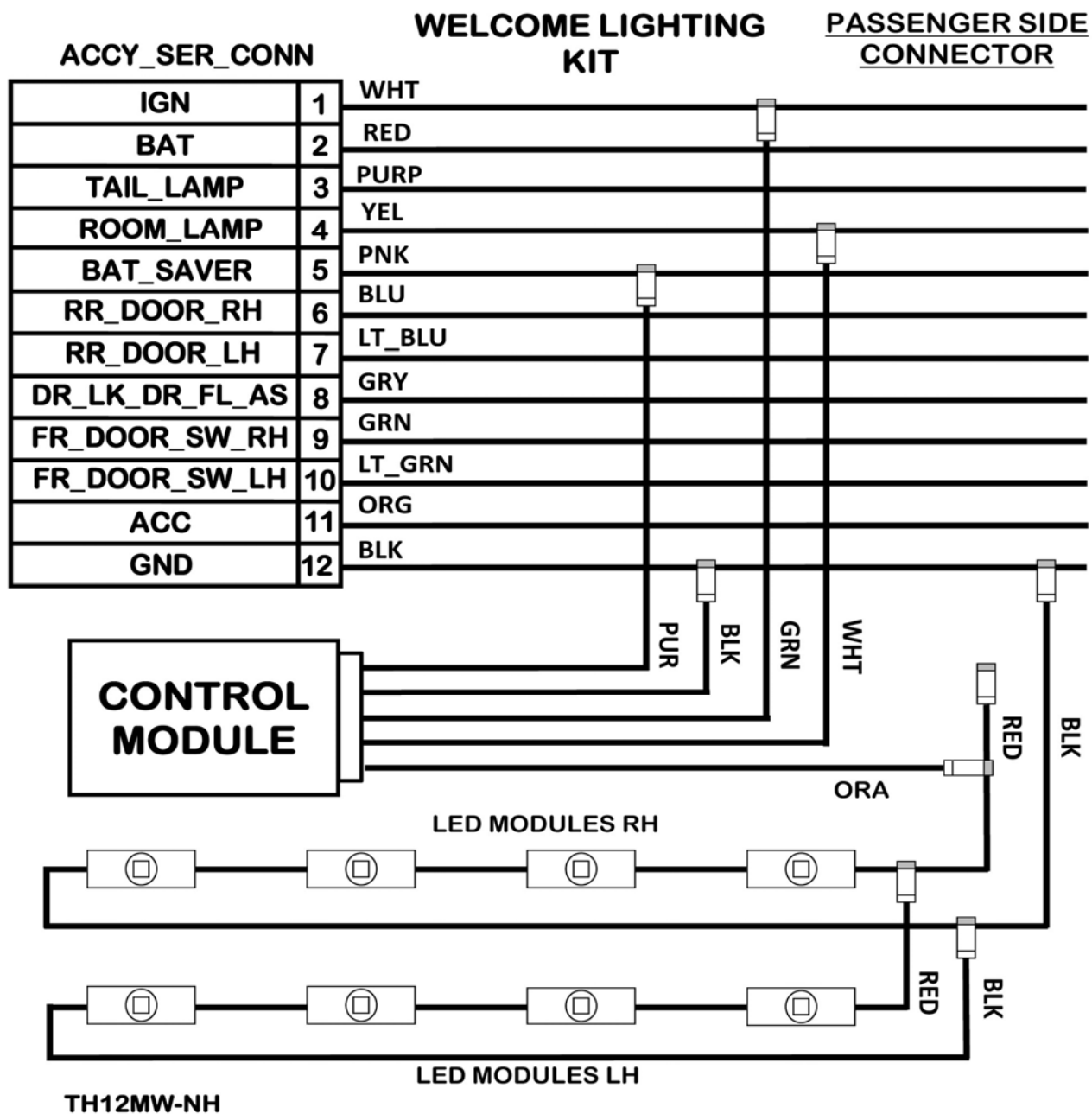
## 18. BILL OF MATERIALS

### 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	Wire retaining rectangle 40mm x 20mm - Adhesive one side	8	
5	Posi-tap connector - Red / Grey	9	999M1 VT000
6	Cable tie 4" - Black	10	
7	Cable tie 11" - Black	7	
8	Alcohol preparation wipe	4	
9	Grey foam rectangle 80mm x 30mm x 5mm - Adhesive one side	11	
10	Mud guard drilling template	2	
11	Grommet 12mm (small)	4	
12	Grommet (large)	4	
13	Convoluted tube	3	
14	Butyl gum	2	
15	Parts List / Replacement Template	1	999V2 AW000
16	INSTALLATION INSTRUCTIONS (WEB)	N/A	999F4 AX110II
17	Accessory Connector Harness (NOT INCLUDED IN KIT)	1	999Q9 J2002
18	Black Foam Patch, 150mm x 230mm (NOT INCLUDED IN KIT)	1	24271-ZW40A

# INSTALLATION INSTRUCTIONS - Welcome Lighting Kit

## 19. MECHANIZATION



**TH12MW-NH**

1	2	3	4	5	6
7	8	9	10	11	12

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

