



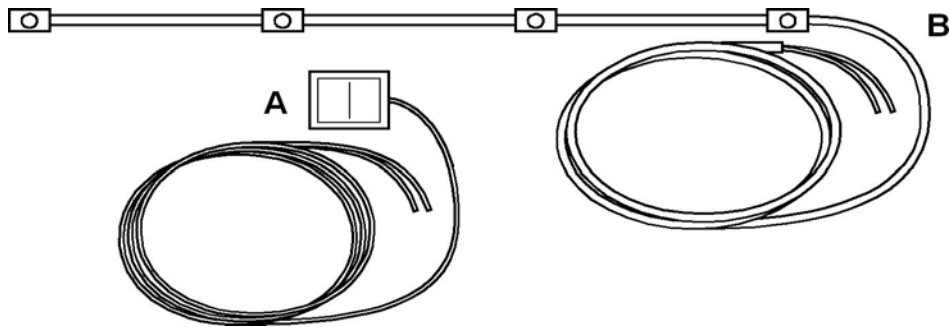
GENUINE PARTS

INSTALLATION INSTRUCTIONS

1. **DESCRIPTION:** Security Light Kit
2. **APPLICATION:** Altima Sedan (2013+)
3. **PART NUMBER:** 999F4 AX010 - Universal Security Lighting Kit.

4. 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	999F4 AX055



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

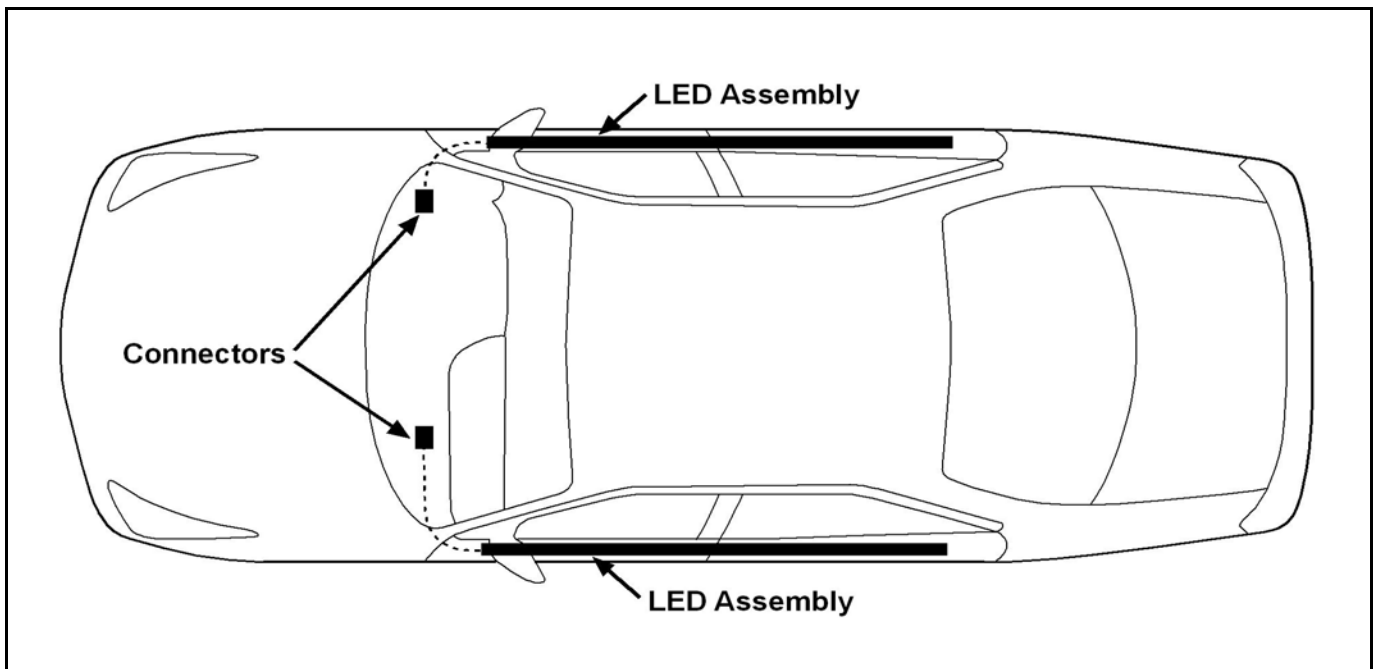
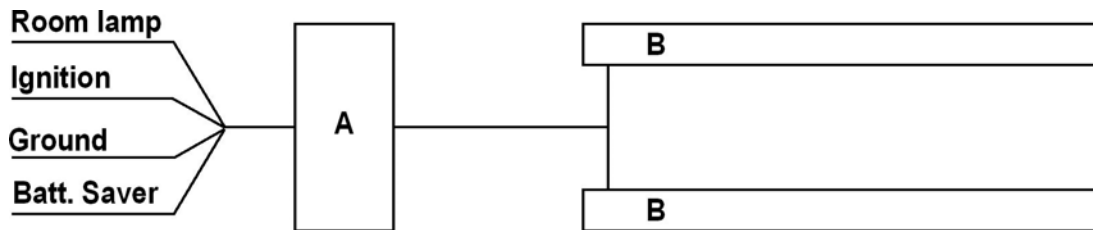
- Dealer installation recommended. Instructions may refer to Service Manual
- Installation may require special tools
- This part is to be installed within a surface temperature range of 70-100°F

⚠ 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 - Security lighting Kit

7. INSTALLATION OVERVIEW



8. CRITICAL STEPS

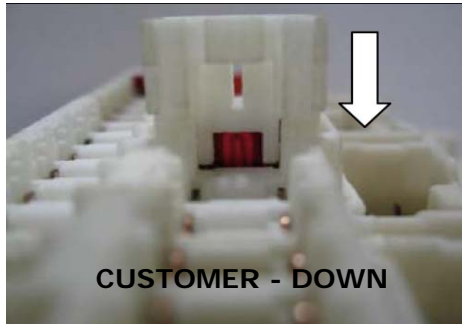
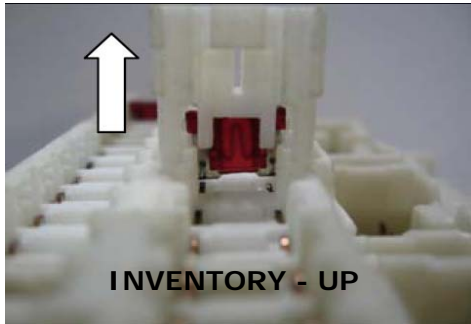
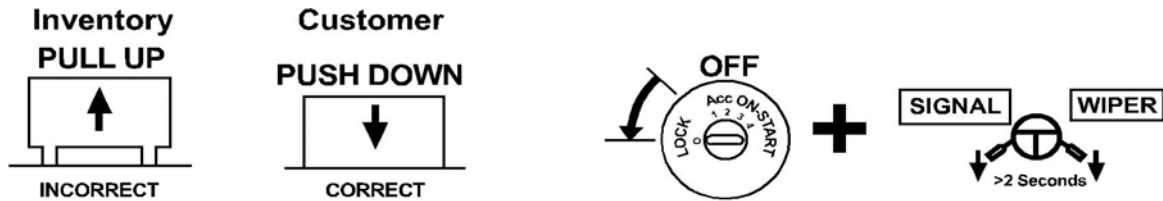
The following steps are critical and must be performed **EXACTLY** as specified to ensure proper installation:

- 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 - Security 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. The confirmation requires two checks:
 - 2a) Locate the Extended Storage Switch in the cabin fuse block. Once located, check that it is in the "Customer" position. See below for reference.
 - 2b) Turn the ignition switch from "OFF" to "ON" position. If turn indicators illuminate for approx. 1 minute, the vehicle is in shipping mode. To exit shipping mode, return the ignition switch to "OFF" position. Simultaneously push the wiper and turn signal stalks downward and hold for 2 seconds.



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.

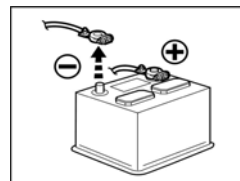
- 3) Record customer radio presets.

	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.

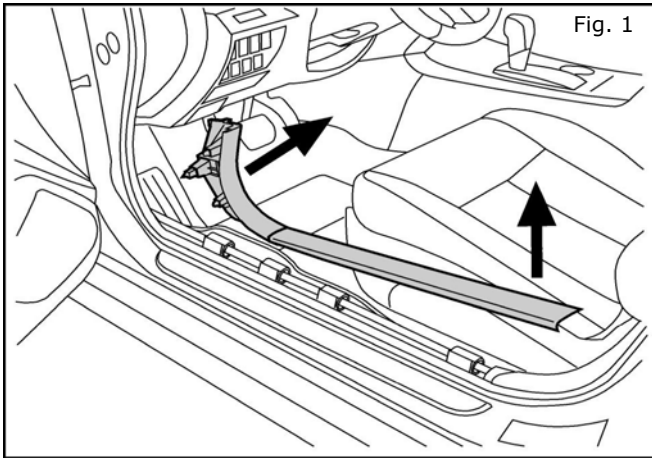


10. ORDER OF INSTALLATION

- | | | |
|----------------------------|-------------------------|----------------------|
| 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 - Security Lighting Kit

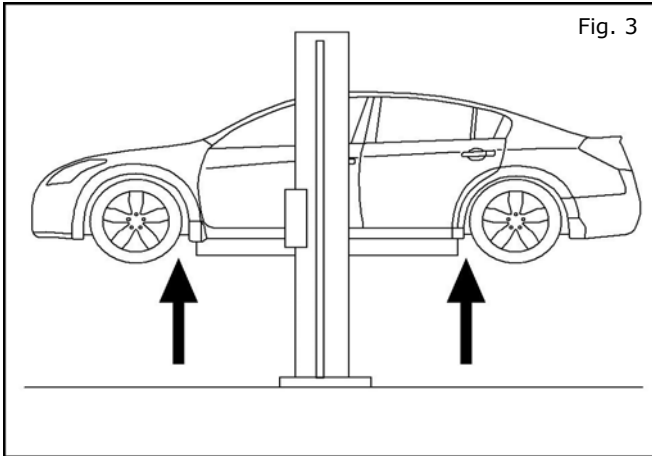
11. INTERIOR PREPARATION



1. Use a trim stick to carefully pry off the trim panel along the bottom door seal from the back of the seat up to the footwell.

Note: Begin prying the panel off at the rear edge and work forward.

2. Repeat process for passenger side

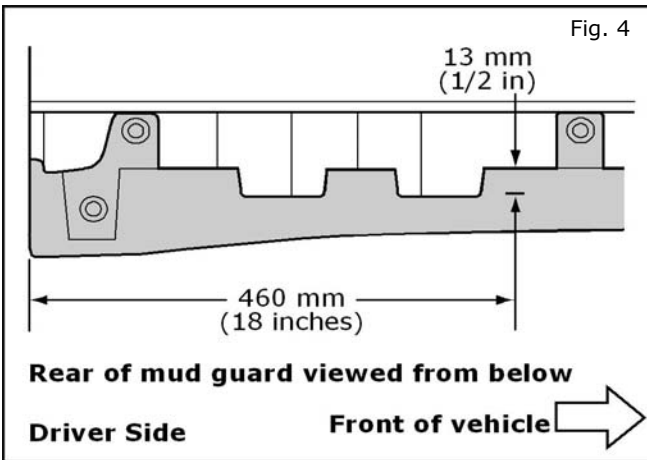


3. Raise Vehicle.

Note: Use caution when placing lift pads

INSTALLATION INSTRUCTIONS - Security Lighting Kit

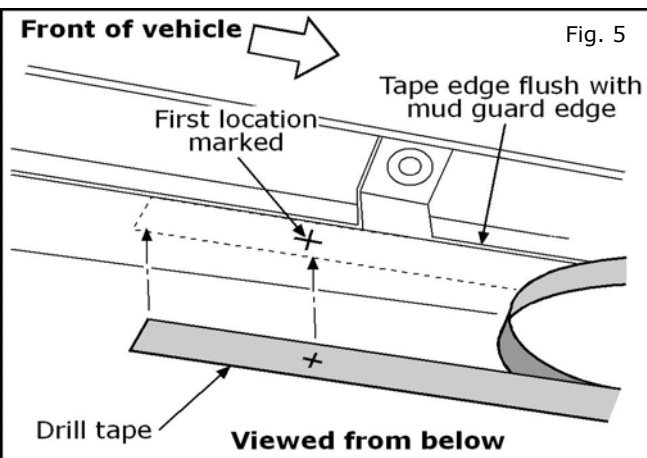
12. VEHICLE PREPARATION



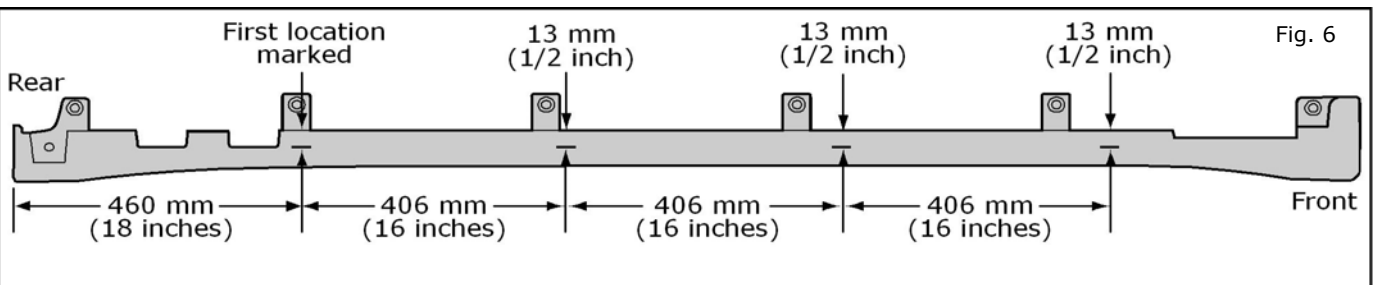
Note: The Altima is best drilled with the mud guards on the vehicle. The following steps are performed from below looking up at the bottom of the mud guard.

- Starting at the **REAR** edge of the mud guard, measure and mark 460mm (18 inches) from the rear edge of the guard.

Measure and mark 13mm (1/2 inch) from the inner edge of the mud guard.



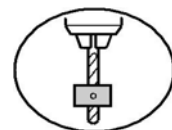
- Apply the drill guide tape by peeling the adhesive backing off the tape and aligning the first drill mark with the **starting hole position** as marked on the mud guard. Carefully apply the tape along the length of the mud guard. Be sure to keep the drill marks on the tape at 100mm from the inside edge of the mud guard.



- If drill guide tape is not available, use a tape measure to mark three locations at 16 inches apart. These three hole locations are 13mm from the inside edge of the mud guard. You can also use the LED assembly to determine the location of each hole.

Repeat process for both mud guards.

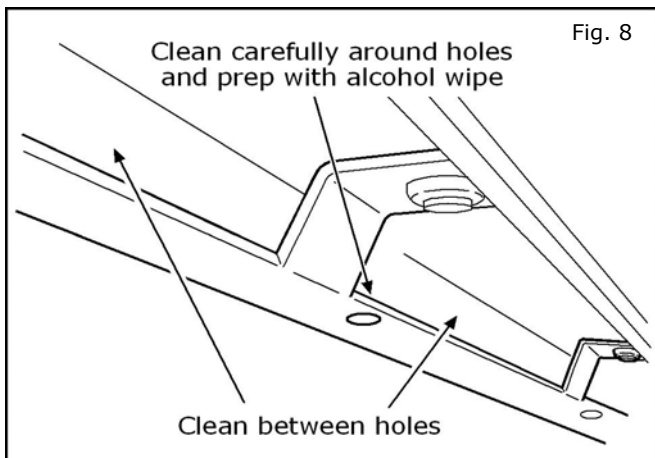
- Using a 1/2 inch drill bit, drill all the marked hole locations. A **step drill** bit can be used as well. Be sure to stop at the 1/2 inch step in the tool.



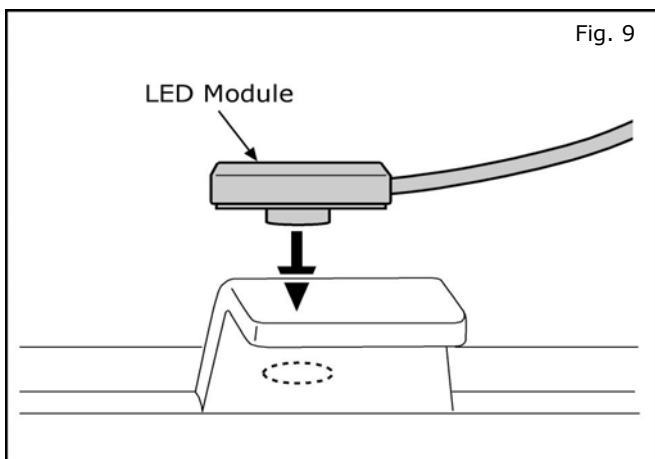
Clean each hole so there is no flashing or shoulder from the drill.

INSTALLATION INSTRUCTIONS - Security Lighting Kit

12. VEHICLE PREPARATION



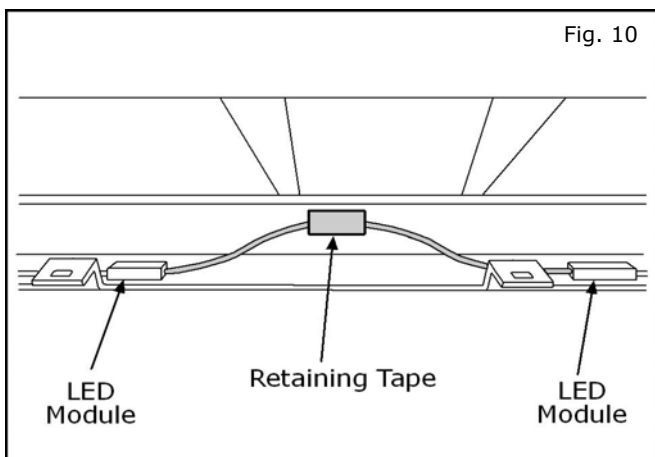
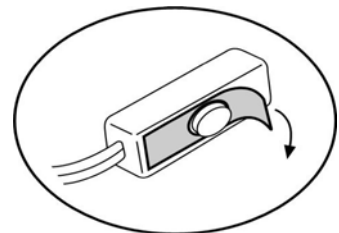
8. Clean the inside surface of the mud guard where the LED modules and the retaining tape will be mounted with soap and water. Dry the surfaces. Next, wipe with an alcohol prep pad(s) at the areas shown. **Wipe both mud guards. Allow minimum of 1 minute to be sure alcohol is completely dry.**



9. 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 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.



10. Repeat step 9 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.**

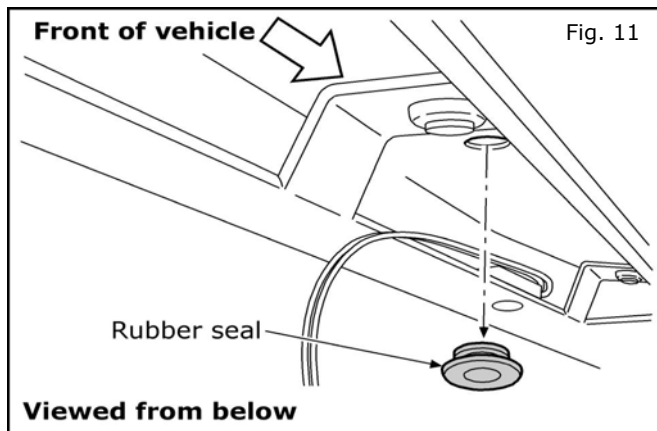
Once all the LED modules are in place, secure the wiring in between with one (1) piece of retaining tape as shown.

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

Repeat process for both mud guards.

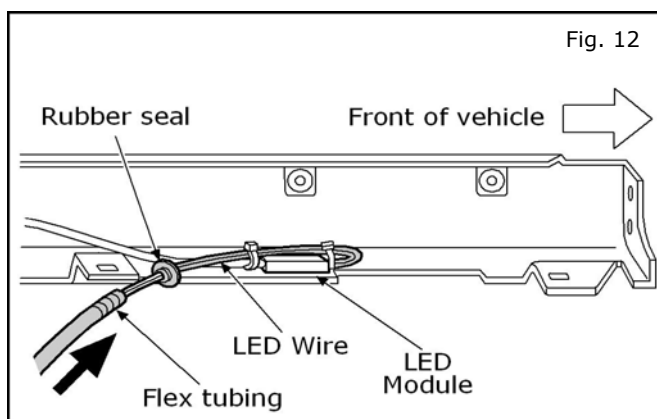
INSTALLATION INSTRUCTIONS - Security Lighting Kit

12. VEHICLE PREPARATION



11. Remove the plastic/rubber plug under the vehicle close to the front doors.

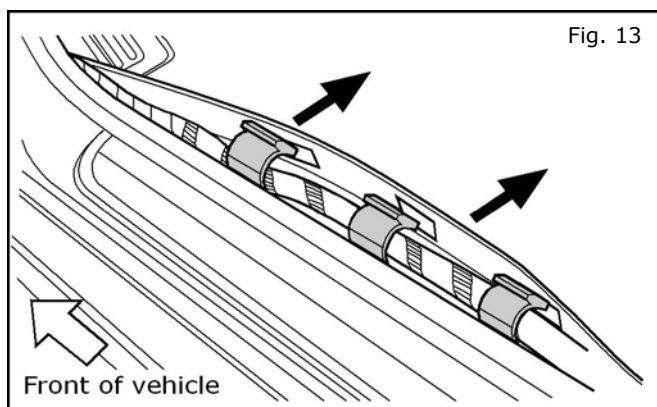
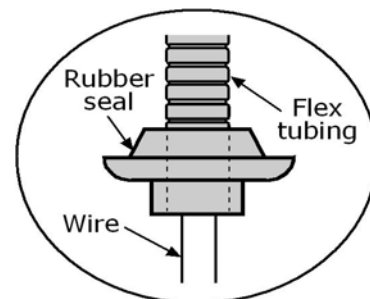
Note: This will be the pass through for the wires that control the LED assembly.



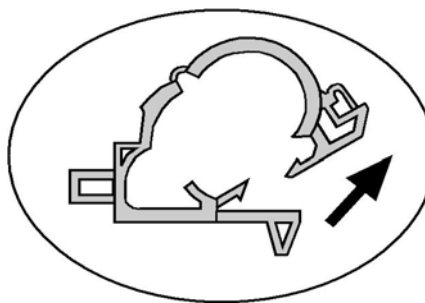
12. From below the vehicle, feed one (1) rubber seal and the protective flex tubing provided in the kit **over** the wire extending from the front LED module.

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

Lower the vehicle.

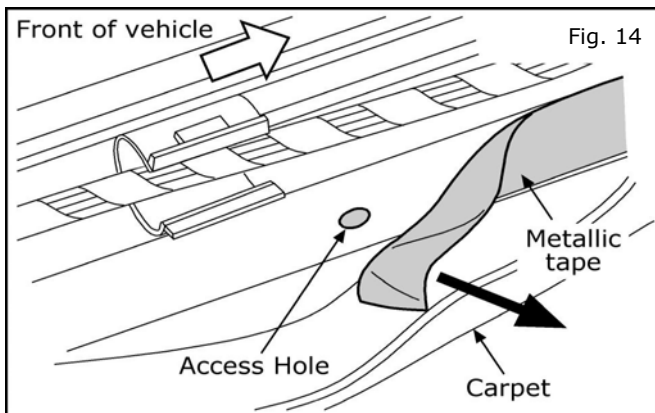


13. Carefully pry open three (3) plastic wire harness clips from inside driver side door sill. Carefully pull back carpet edge.

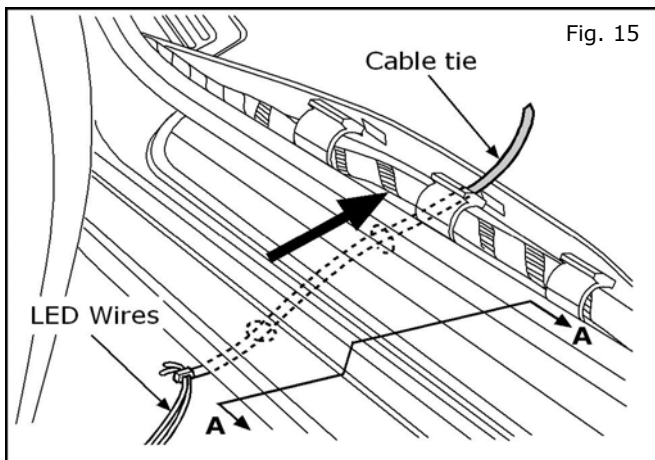


INSTALLATION INSTRUCTIONS - Security Lighting Kit

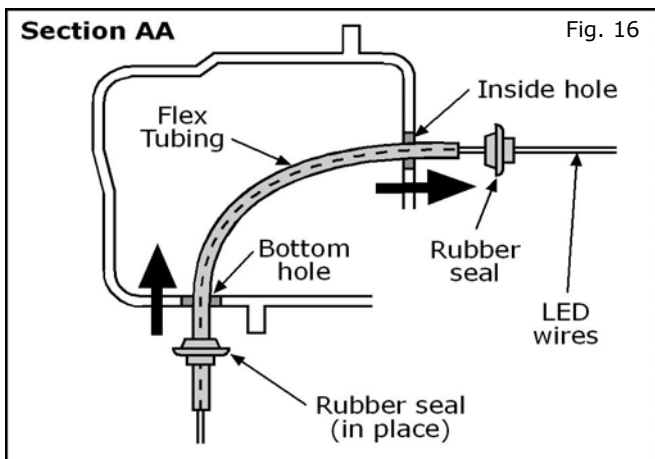
13. INSTALLATION



14. Carefully peel back metallic tape to expose the access hole on the inside edge of the door sill.



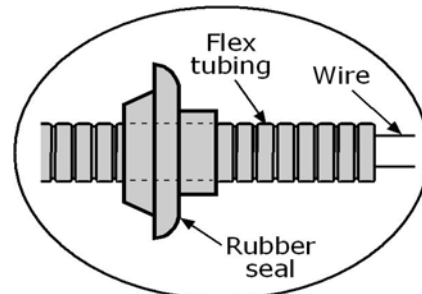
15. Next, feed the wires through the end of a long cable tie. Use the cable tie to route the wires through the hole in the bottom of the vehicle and up through the access hole inside the door sill.



16. From below the vehicle, feed the flex tubing through both access holes. Slide another rubber seal provided in the kit over the wires and the flex tubing from inside the vehicle.

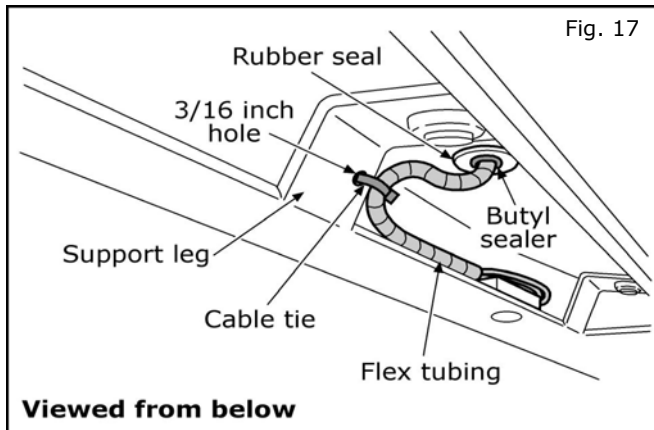
Note: The flex tubing is meant to pass through the rubber seals along with the wiring. Make sure the surface of the grommet is completely seated and free of butyl.

Raise the vehicle



INSTALLATION INSTRUCTIONS - Security Lighting Kit

13. INSTALLATION



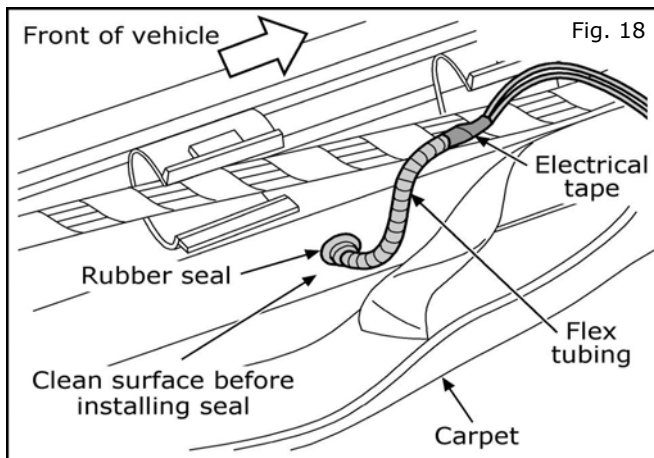
17. Press the lower rubber seal into position. Apply a **butyl sealant** around the flex tubing where it passes through the rubber seal and at the other end around the wires. **Be sure to clean surfaces before applying butyl.** Locate the support leg from the mud guard to the vehicle close to the bottom seal.

Drill a **3/16** inch hole midway between the guard and the vehicle.

Use a 4 inch cable tie to secure the wires to the support leg.

Note: Be sure to allow sufficient bend radius in the tubing.

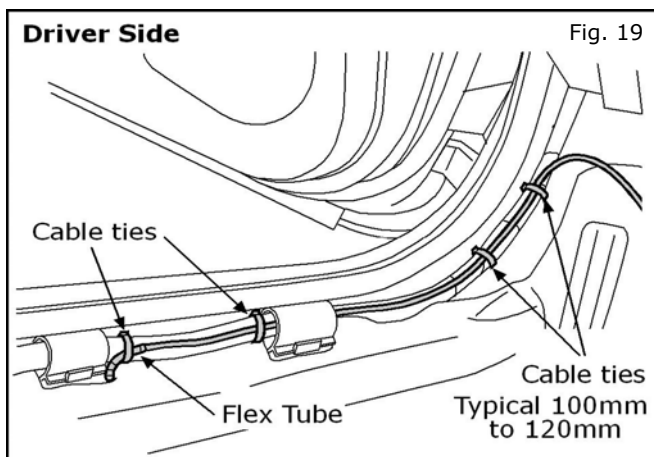
Lower the vehicle.



18. Allow approx 3" of flex tubing over the wires on the inside of the vehicle. Press the inside rubber seal into position. Wrap electrical tape around the open end of the flex tubing.

Note: Make sure both seals, top and bottom, are properly installed.

Repeat procedure for passenger side of vehicle.

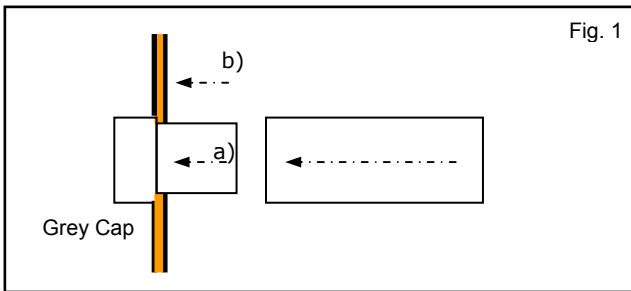


19. Route the wires from the driver side up towards the dash by running the wires along the existing harness and securing with cable ties.

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

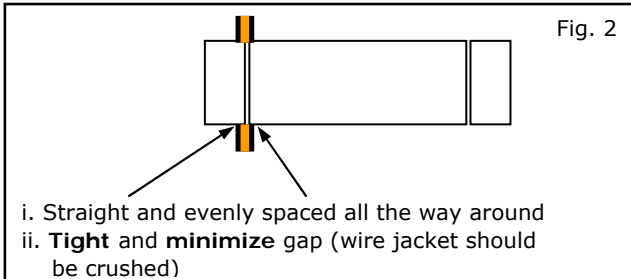
INSTALLATION INSTRUCTIONS - Security Lighting Kit

14. POSI TAP INSTRUCTION



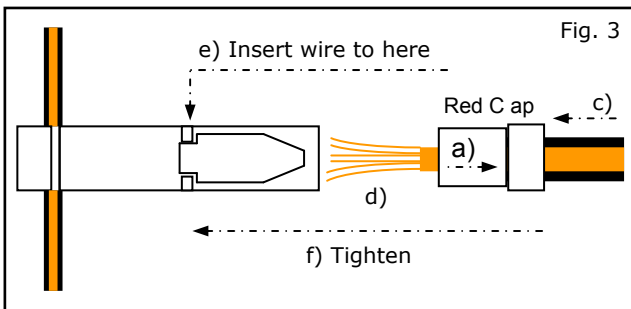
- 1) Tap vehicle wire.
 - a) Remove grey cap (slot side) from tap body.
 - b) Slide cap around vehicle wire.
 - c) Tighten the tap **TIGHT** with finger pressure.

NOTE: Do not re-use the tap for subsequent re-installation. Figures are not to scale



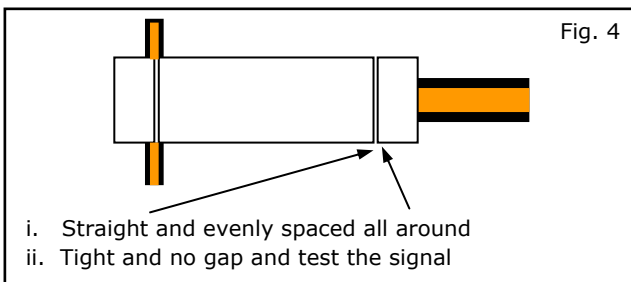
- 2) Inspect the tap to ensure correct installation.

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



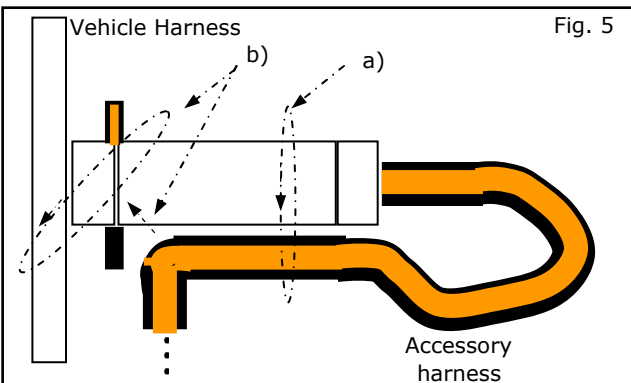
- 3) Inspect the tap to ensure correct installation.

- a) Remove red cap (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.



- 4) Confirm the tapped accessory wire.

- a) Inspect the tap to ensure correct installation.
- b) Test the signal to ensure that it is working properly.



- 5) Secure the tap.

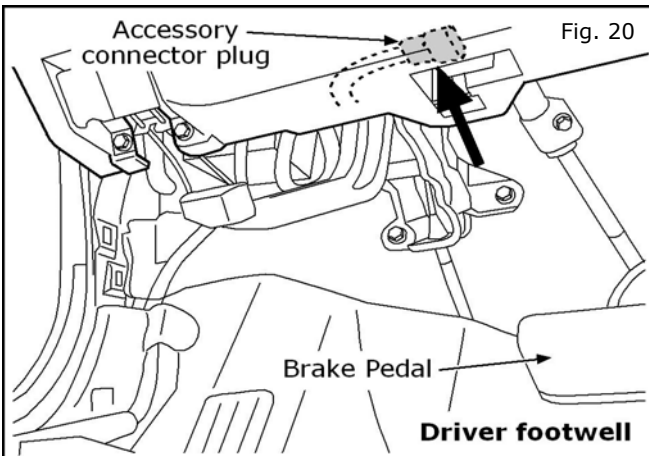
- a) Secure the tapped wire on the non-pierce side to the body of the tap with electrical tape (≥ 2 revolutions).
- b) Secure the body to harness where vehicle wire is being tapped with electrical tape (≥ 2 revolutions).

INSTALLATION INSTRUCTIONS - Security Lighting Kit

15. INSTALLATION

CAUTION

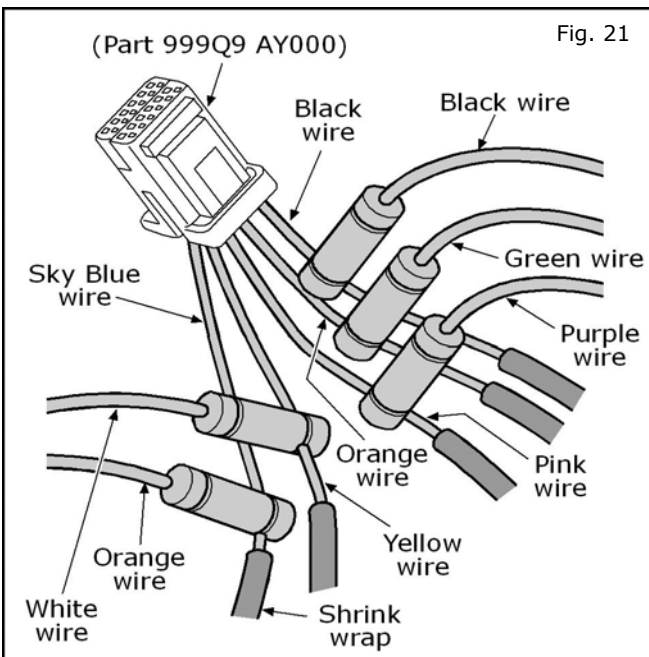
- If a vehicle wire is being used by another accessory and a posi-Tap is present, tap the accessory wire NOT the vehicle wire.



20. Locate the driver side Accessory Connector plug. It will be located up under the dash above the vehicle diagnostic port as shown. Pull the plug down for easier access.

Note: Be sure to grab the connector and not the harness when separating the plug from the foam tape.

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.



21. Using posi-taps, connect the wiring as follows:

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

Orange wire from the LED Assembly to the **Sky Blue wire** on the Connector Harness.

White wire from the LED Assembly to the **Yellow wire** on the Connector Harness.

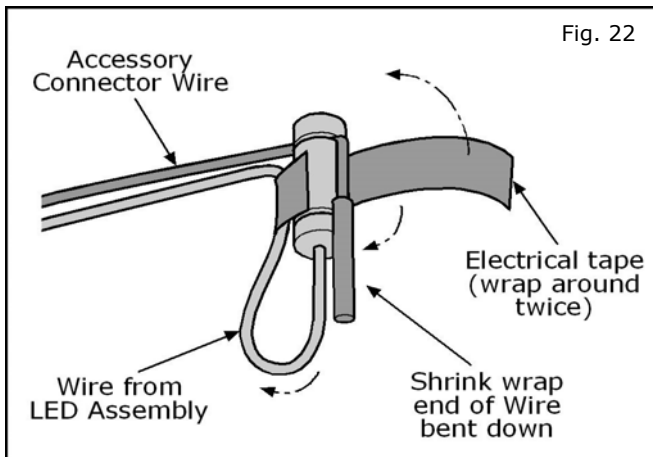
Purple wire from the LED Assembly to the **Pink wire** on the Connector Harness.

Green wire from the LED Assembly to the **Orange wire** on the Connector Harness.

HARNESS NOT INCLUDED IN KIT.
REFERENCE PART NUMBER 999Q9 AY000.

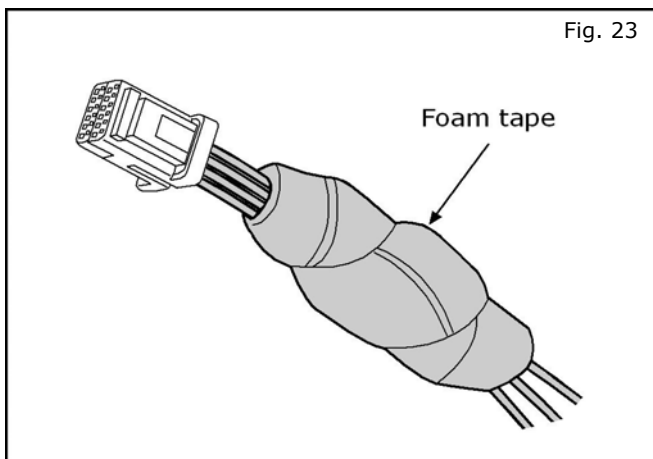
INSTALLATION INSTRUCTIONS - Security Lighting Kit

15. INSTALLATION



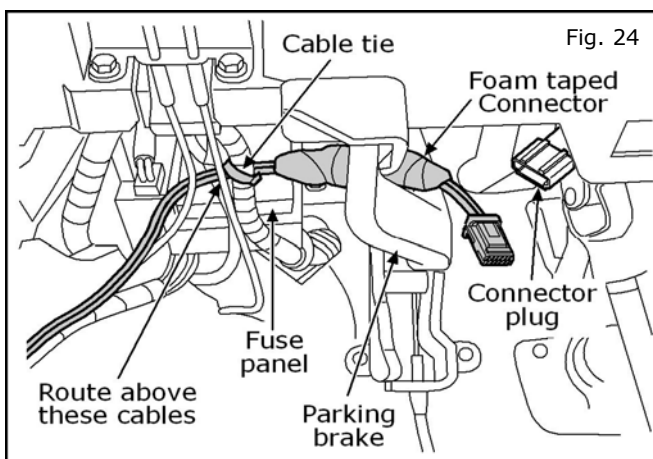
22. Follow this finishing procedure on all **posi-taps**. Leave a short length of wire extended past the posi-tap and bend down as shown. Use electrical tape to secure the extra wire against the posi-tap with at least two revolutions.

Note: Make sure that the end of the wire is completely covered by the tape.



23. Wrap the posi-taps with foam tape to prevent rattle.

□

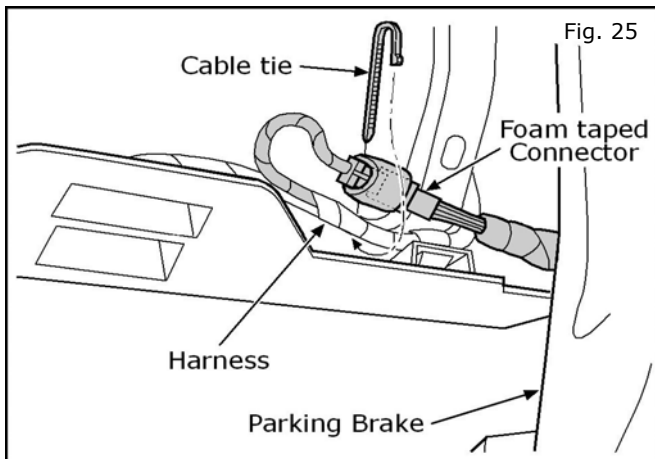


24. Route the wires up under the dash along the existing harness. Feed the wires above the hood release and parking brake release cables. Use a cable tie to secure the wiring to the large harness loop ahead of the fuse panel.

Note: The view shown here is looking up under the dash at the parking brake pedal.

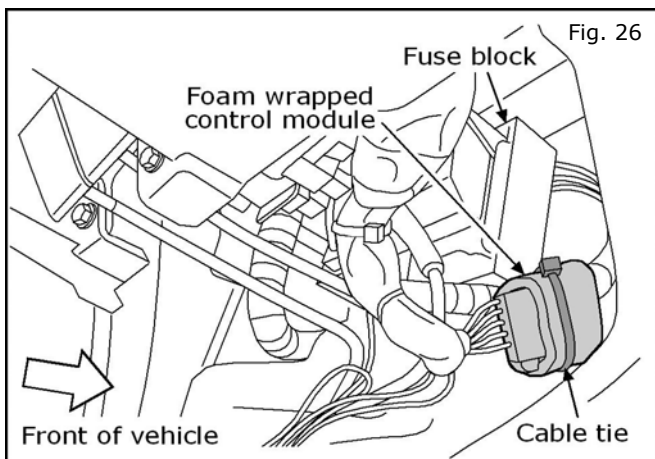
INSTALLATION INSTRUCTIONS - Security Lighting Kit

15. INSTALLATION

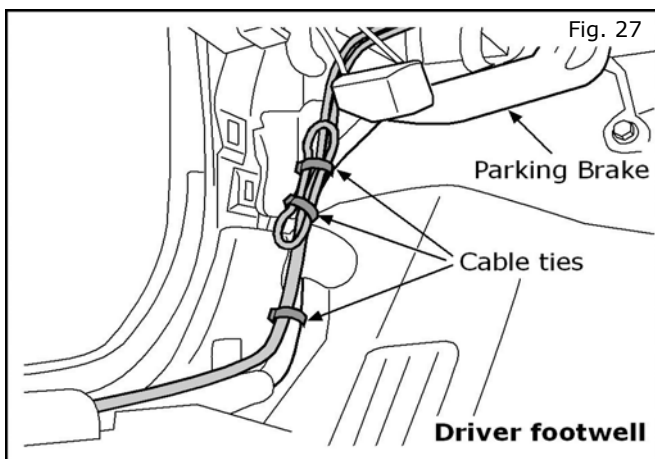


25. Plug the Accessory Connector Harness into the vehicle connector plug on the driver side. Wrap the Connector in foam tape. Use a cable tie to secure the Accessory Connector to the existing harness as shown.

Note: The view shown here is looking up under the dash from behind, next to the parking brake pedal.



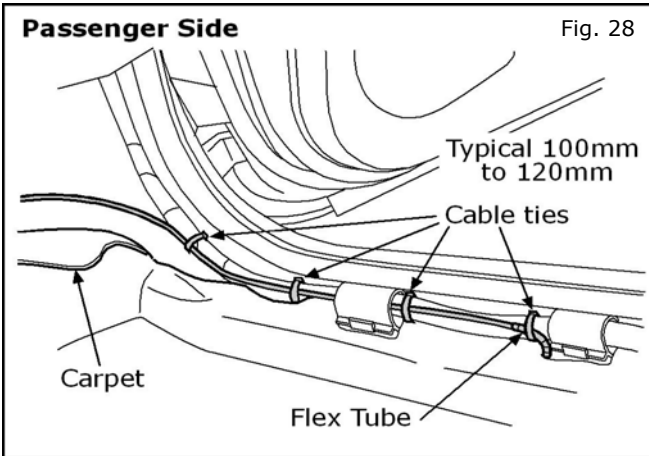
26. Wrap the Control Module with foam tape to prevent rattle. Use a cable tie to secure it to the existing wire harness at the base of the fuse block.



27. Route the wires along the existing harness in the footwell. Bundle and secure any excess wire with cable ties as shown.

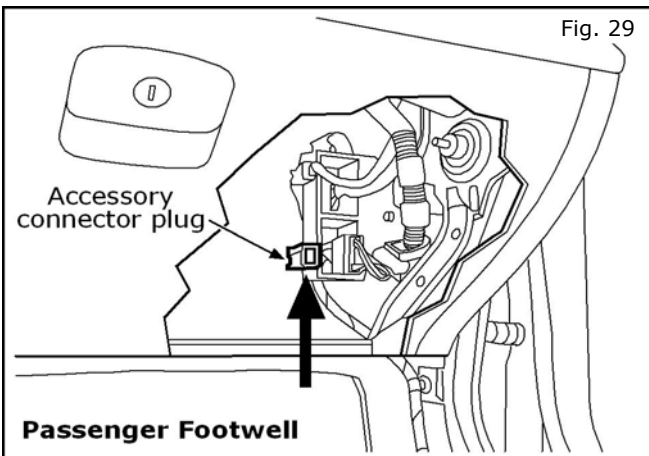
INSTALLATION INSTRUCTIONS - Security Lighting Kit

15. INSTALLATION

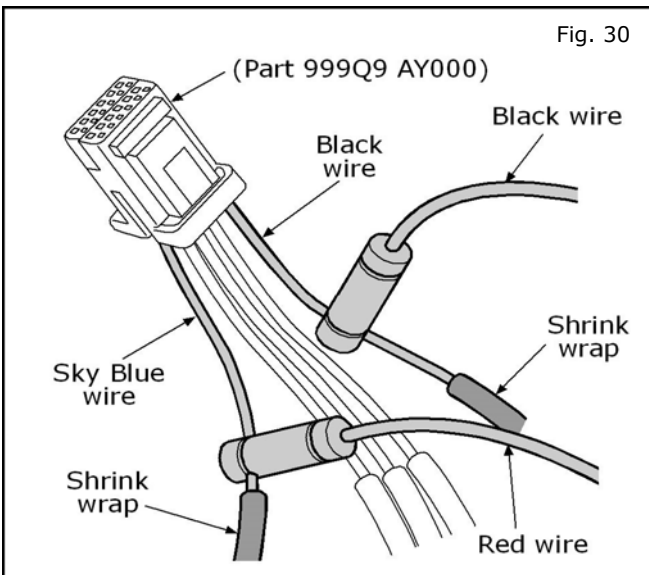


28. Route the wires from the passenger side up towards the dash by running the wires along the existing harness and securing with cable ties.

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



29. Locate the **passenger side** Accessory Connector plug. It will be behind the glovebox on the right side as shown in this cutaway view.



30. Using a posi-tap, connect the **Black** wire from the LED Assembly to the **Black** wire on the Accessory Connector Harness.

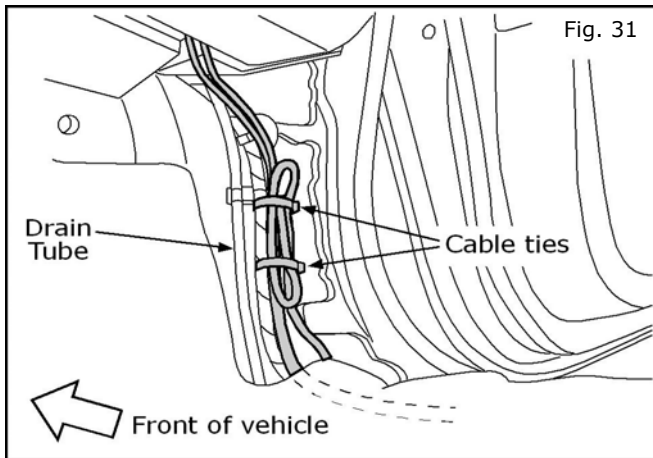
Using a posi-tap, connect the **Red** wire from the LED Assembly to the **Sky Blue** wire on the Accessory Connector Harness.

Plug the Accessory Connector Harness into the vehicle connector plug on the **passenger side**.

HARNESS NOT INCLUDED IN KIT. REFERENCE PART NUMBER 999Q9 AY000.

INSTALLATION INSTRUCTIONS - Security Lighting Kit

15. INSTALLATION



31. Route the wires along the existing harness. Bundle and secure any excess wire between the kick plate and the Accessory Connector with cable ties as shown.

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

32. **Close** the three (3) wire harness clips inside the door sills and **reinstall** the carpet edge, both sides (see Fig. 13).

Note: Be sure to align the rectangular carpet holes with the harness clips.

33. **Reinstall** the side trim panels on both sides of the vehicle along the bottom door seals from the seat to the footwell (see Fig. 1).

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

INSTALLATION INSTRUCTIONS - Security Lighting Kit

16. 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 security 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 lights come on when the door is opened.
- (8) Unlock the doors, wait and then lock the doors. The Security lighting should turn off quickly with the doom lamp.
- (9) Verify the functionality of all electrical vehicle components where harnesses were accessed.
- (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.

INSTALLATION INSTRUCTIONS - Security Lighting Kit

17. BILL OF MATERIALS

Nissan Security Lighting Kit - 999F4 AX010

	Parts Contained in Bag Labelled 'Installation Kit'.	Qty	Part Number
1	Control module	1	999F4 AX088
2	LED Assembly (within polythene bag)	2	999F4 AX022
3	Misc. parts kit	1	999F4 AX055
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	4	
12	Convoluted tube	2	
13	Butyl gum	2	
14	Parts List / Replacement Template	1	999V2 AW000
15	INSTALLATION INSTRUCTIONS (WEB)	N/A	999F4 AX010II

INSTALLATION INSTRUCTIONS - Security Lighting Kit

18. MECHANIZATION

