1. **DESCRIPTION:** Accent light Kit
2. **APPLICATION:** Maxima (2010)
3. **PART NUMBER:** 999F3 AW000 - Universal Accent Lighting Kit.

4. **KIT CONTENTS:**

<table>
<thead>
<tr>
<th>Item</th>
<th>QTY</th>
<th>Description</th>
<th>Service Part Number</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>Control module</td>
<td>999F3 AW004</td>
</tr>
<tr>
<td>B</td>
<td>1</td>
<td>Encoder and harness assembly</td>
<td>999F3 AW006</td>
</tr>
<tr>
<td>C</td>
<td>1</td>
<td>Foot well lights and harness assembly</td>
<td>999F3 AW001</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>Cup holder lights and harness assembly</td>
<td>999F3 AW003</td>
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<tr>
<td>E</td>
<td>1</td>
<td>Harness Vehicle interface</td>
<td>999F3 AW005</td>
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<tr>
<td>F</td>
<td>1</td>
<td>Control Knob</td>
<td>999F3 AW002</td>
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<tr>
<td>G</td>
<td></td>
<td>Kit contents in back of Installation Instructions</td>
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5. **TOOLS REQUIRED**

- Trim stick
- 8mm, 10mm and 11mm sockets
- #2 Phillips screwdriver
- Protective cloth
- Needle nose plyers
- Ratchet and 6" extension
- 5/16", 3/16" and 9/32" drill bits, drill, drill stops.
- T-20 Torx bit
- Scissors
- Electrical tape, masking tape.
- Grab-it tool (optional)

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 at a surface temperature no warmer than 65-100°F
- Remove and prepare templates located at the end of Installation Instructions

**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.
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.
9. VEHICLE PREPARATION

1) Vehicle Preparation
   a) Record customer radio presets.

<table>
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<td>C</td>
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b) Apply parking brake.
c) Turn off the ignition.

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.

![Image]

**WARNING**

The battery is left connected as various parts of the car need to be moved to enable components to be removed and replaced. Use caution when activating parts of the car.

10. ORDER OF INSTALLATION

   a. Interior preparation - remove panels.
   b. Install - Cup Holder installation.
   c. Install - Encoder.
   d. Reinstall - Center Console.
   e. Install - Passenger Footwell light.
   f. Reinstall - Glove Box and Footwell trim.
   g. Install - Vehicle interface.
   h. Install - Driver Footwell light.
   i. System check.
   j. Reinstall - Remaining Panels.
11. INTERIOR PREPARATION

1. Carefully remove the LH Instrument side mask by the driver's door.

2. Pull the fuse cover from the steering finisher.

3. Remove the black #2 phillips screw in the left side of the fuse cavity.
11. INTERIOR PREPARATION

4. Carefully pull the steering finisher away from the instrument panel.

5. Remove one (1) silver #2 phillips screw holding the DDL (diagnostic Port) to the panel.

Note: Place your hand behind the panel to hold it as it is unscrewed.

6. Remove five (5) silver #2 phillips screws holding the switch assembly to the steering finisher.
11. INTERIOR PREPARATION

7. Disconnect A/C vent tube and electrical connector from right side of panel.

8. Disconnect courtesy light and two (2) harness retaining clips from center of panel.

Note: Remove the courtesy light bulb from socket at this time. Bulb will not be re-used.

Place all screws in a location where they can be found later.

9. Remove the steering finisher and set aside.
11. INTERIOR PREPARATION

10. Use a pry tool to remove the bottom finisher from the shift knob and remove the retaining clip.

11. Depress the shift knob button and pull the knob up. Set shift knob aside.

12. Remove shifter display and trim. Disconnect the display electrical connection.
11. **INTERIOR PREPARATION**

13. Remove three (3) #2 phillips screws from center console shifter assembly.

14. Carefully pry out both center footwell panels from the driver and passenger side center stack.
11. INTERIOR PREPARATION

15. Disconnect the three (3) connectors behind the passenger footwell panel, under the center stack.

NOTE: Slide both seats all the way forward at this time.

16. Remove two (2) #2 phillips screws at the rear of the center console.

NOTE: Turn ignition to "ON" position. Press on brake and pull shifter back to "D" position. Turn ignition off.

17. Carefully remove the center console by grabbing the front and rear of the assembly. Lift at the rear and pull back slowly. Once the front of the console is clear of the center stack, lift slowly to clear the parking brake and shifter.

NOTE: Be careful not to damage the headliner during removal.
11. **INTERIOR PREPARATION**

18. Remove eight (8) #2 phillips screws from the glove box as shown.

**NOTE:** Set the glovebox assembly aside.

19. Carefully pull glovebox assembly out from the dash and rest it on top of your legs. Disconnect glovebox light and electrical connector.

**NOTE:** Remove the courtesy light bulb from cross bar socket at this time. Bulb will not be re-used.

**NOTE:** Set the glovebox assembly aside.
20. Place center console assembly upside down on work surface. Be careful not to scratch the surface. Use pry tool to carefully remove two (2) wire harness clips. Move harness aside.

21. Remove four (4) #2 Phillips screws holding the cup holder box to the center console.

**NOTE:** Place the screws in a secure place for re-use.

**NOTE:** Print all templates at actual size.

22. Apply template "A" and "B" on the side of the cup holder as shown. The template should be positioned with the letter "A" or "B" in the upper left hand corner.

Drill two (2) 9/32 inch holes at the locations indicated on the template. Remove templates.

Install two (2) LED lenses through the holes with the black retaining collar on top of the cavity.
12. INSTALLATION

23. Clean the light stick mounting area with alcohol. Remove the pull tabs over the tape on the end cup holder light stick. Place the light stick over the black lens retainer as shown.

Remove the pull tabs over the tape of the second cup holder light stick (the one with wires at each end) and place the light stick over the black lens retainer as shown.

24. Remove four (4) #2 Phillips screws from storage bin. Carefully rotate the storage bin up and out of the way allow access to the armrest compartment.

NOTE: Place the screws in a secure place for re-use.

25. Apply template "C" to the armrest compartment as shown. The template should be positioned with the letter "C" in the lower right hand corner.

Using a 5/16" drill, carefully drill a hole for the encoder.
12. INSTALLATION

26. **Install** the encoder so that the shaft is inside the rear storage area of the armrest compartment.

   Use 11mm nut to secure the encoder.

   Install control knob over shaft of encoder.

   NOTE: Be careful NOT to over tighten the encoder nut.

27. **Reinstall** the storage bin using four (4) #2 phillips screws.

28. **Reinstall** the cup holder box using four (4) #2 phillips screws.
29. Prepare the center console to be reinstalled into the vehicle. Dress the wires along the existing harness with 4 inch cable ties. Use two (2) 11” cable ties at cup holder light loop.

Ideal cable tie spacing is 100mm to 120mm. Provide a 100mm service loop at the end entering the area under the center stack.

**NOTE:** Trim all cable ties before you continue. Make sure cables do not invade shift cavity. Shifter should still be in “D” position.

30. Carefully load the modified center console into the car. Position the console over the parking brake and shifter by gently moving the console forward as it is lowered. Once the console has cleared the parking brake and shifter, pull back and align the two pins over the shift console. If the pins are aligned, the three retaining screw holes will be in alignment. Set the console over the two rear retaining screw locations.

**NOTE:** Be careful not to damage the headliner during reinstallation of the center console.
13. REINSTALLATION - CENTER CONSOLE

NOTE: The shifter should be moved back into the "P" position.

31. Once aligned, **install** three (3) #2 phillips screws securing the center console to the shifter assembly.

NOTE: Slide both seats all the way forward at this time.

32. **Install** two (2) #2 phillips screws at the rear of the console securing the center console to the vehicle.

33. **Reconnect** the display electrical connector and then reinstall the shifter display trim.
13. REINSTALLATION - CENTER CONSOLE

34. **Reinstall** the shift knob.

35. **Reinstall** the retaining clip and collar.

**NOTE:** Be sure the shift collar is replaced facing in the right direction.

**NOTE:** Attach one (1) 58mm x 82mm foam tape to the underside of the accessory control module, covering the screw in the center.

36. Place one (1) piece of foam tape over the top of the accessory controller. It should be on the opposite side of the sticky foam tape covering the screw.

**NOTE:** Do NOT pull cover off tape on controller at this time.
15. INSTALLATION

COMPLETELY READ STEPS 37-40 BEFORE INSTALLING BRACKETS.

37. Prepare to mark drill locations at the glovebox opening. Measure and mark in from the back rib, 2mm to 3mm. Mark a line 2mm to 3mm in from the edge of the slot on the left side as shown. Mark a line even with the right edge of the glovebox opening as shown.

NOTE: Brackets will fit into the outermost openings outside the honeycomb structure behind the support rail. Feel behind the crossbar to be sure of hole positioning before drilling.

38. Carefully drill a 3/16 inch hole at both locations.

NOTE: Do NOT drill past the bottom rib. Use a drill stop set to 4mm.

39. Attach two (2) U Nuts to the small 30mm X 15mm "L" bracket at the long end.

Exaggerated view of installing U Nut on "L" bracket
15. INSTALLATION

40. Securely attach the two (2) "L" brackets with U nuts to the glovebox support rail with two (2) #2 phillips screws.

Both brackets shown from behind support rail, installed and ready for passenger side light stick.

NOTE: Both brackets should be securely fastened to the support rail.
15. INSTALLATION

41. Prepare the passenger side light stick. Clean the LED areas with alcohol wipe. Fix a 12.5mm X 19mm X .7mm piece of double sided foam tape at locations .5 to end of the stick AND at location 11.5 to the other end.

42. Prepare the driver's side light stick. Clean the Non-LED side with alcohol wipe. Fix a 12.5mm X 102mm X .7mm piece of double sided foam tape from locations 8 to the end of the stick AND from location 4 to the other end.

43. Push the driver's light stick through the center stack to the driver's side footwell.

NOTE: The driver's side light stick should be left in the driver's footwell for later installation.
15. INSTALLATION

44. Pull the tape covers from the two (2) pieces of foam tape attached to the passenger light stick. Place the light stick over the "L" brackets with the LEDs pointing down such that the tape rests on the 'L' bracket. Secure each location with two (2) 4 inch cable ties. **Be sure to turn cable ties upward away from footwell.**

As an optional step, you can secure the cable with a cable tie at the center of the light stick. Do **NOT** block LEDs.

**NOTE:** The cable should be behind the back of the "L" bracket as shown.

45. **Reconnect** glovebox light and electrical connector. **Reinstall** the glovebox assembly.

46. Route accessory harnesses under the center stack. Plug the accessory harnesses into the control module and allow to sit under center stack.
16. POSI TAP INSTRUCTIONS

1) Tap vehicle wire.
   a) Remove 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 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.

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.
16. Posi Tap Instruction

![Diagram of Vehicle Harness and Accessory]

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).

17. INSTALLATION

### CAUTION

- Color(s) given in illustration(s) are for reference only. Use location(s) where color deviates.
- If a vehicle wire is being used by another accessory and a posi-Tap is present, tap the accessory wire NOT the vehicle wire.

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47. Carefully loosen the Instrument Cluster trim panel by removing the two (2) black Philips screws at the lower left and right corners.
   
   Pull the panel towards the driver's seat and free from the Instrument panel.

**NOTE:** Do NOT disconnect the switches. Rotate the panel to the right, out of the way.

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48. Remove the three (3) #2 Philips screws that retain the Instrument Cluster. One on top and one at the left and right lower corners.
   
   Do Not disconnect the Cluster. Rotate the assembly to the right and up out of the way.

**NOTE:** Disconnect a white electrical connector on the left side of the cluster if necessary to allow the assembly to rotate.
49. The BCM is the box at the back of the cavity with two (2) screws retaining it to the IP frame.

**Note:** There may be special one-way screws used to secure the BCM to the vehicle. Use a 'Grab-it' or other tool to remove the special screws.

50. Remove the fasteners that hold the BCM in place.

51. Pull the BCM forward and carefully turn it over. Notice the connector to the left.

52. Identify the **Yellow** wire at the corner of the connector as shown in the picture. **This wire is the room lamp circuit, LG02.**
17. INSTALLATION

53. Use a large cable tie to guide the Brown Accessory wire to the cavity where the BCM is housed.

54. Connect the Brown accessory wire from the controller to the Yellow wire at the BCM connector using a Posi-Tap.

55. Reinstall the BCM.

17. INSTALLATION

NOTE: There are four wires in the power harness for this kit. They are:
- Brown - Room Lamp Circuit
- Black - Ground
- Green - B+ (battery)
- Blue - Accessory

57. Locate the Fuse Block and identify the following two wires.

- AA26 is a Yellow/Red wire. White with a blue stripe
- HA02 is a Violet/Yellow wire. Violet with a yellow stripe.

NOTE: Each wire is in a separate connector.
Yellow/Red wire connector has 10 Pins
Violet Yellow wire connector has 12 Pins

58. Locate the Yellow/Red wire between Red/Blue wire and Blue wire.

Use a posi-tap and connect the Green Accessory wire to the Yellow/Red vehicle wire by the fuse block.

Consult the Mechanization if needed.

59. Locate the Violet/Yellow wire. It would be across from the Red/Blue wire.

Use a posi-tap and connect the Blue Accessory wire to the Violet/Yellow vehicle wire by the fuse block.

Consult the Mechanization if needed.
17. INSTALLATION

60. Use an 8mm nut driver or equivalent to remove one of the two bolts just under the fuse panel. Place the bolt through the eyelet on the Black Accessory wire and back into the hole. Tighten bolt.

NOTE: If other accessories share the 8mm ground bolt, eyelets should be spaced 30 degrees apart.

NOTE: All controller wires should be connected.

OVER ALL - this is how the controller needs to be connected:

a. Brown from controller goes to LG02; a Yellow wire at the BCM.
b. Blue from controller goes to HA02, a Violet/Yellow wire above the fuses.
c. Green from controller goes to MA02 a White/Blue wire above the fuses.
d. Black from controller goes to ground; a small bolt to the lower right of the fuse block.
17. INSTALLATION

61. Peel the cover of the tape on the controller and place the controller on the carpet under the center stack. Loosely route power harness towards controller.

62. Bundle and dress the excess cables from the encoder and forward cavity lights and secure with cable ties as shown. Use two (2) pieces of foam tape to hold the cables to the HVAC unit as shown.

Note: Be sure cables do not touch footwell panel, to prevent rattling.

63. Reinstall the passenger footwell panel at the center stack.
17. INSTALLATION

64. Use cable ties to secure the power harness for the accessory under the Instrument panel.

65. Bundle the excess wire at the fuse block as shown.

Note: Excess wiring MUST NOT block fuses. Pull all excess wiring up and clear of fuses. Use a larger cable tie if necessary.

Note: Trim all cable ties. Plug the power harness into the controller. Verify four (4) cables are plugged into the controller.
17. INSTALLATION

66. Secure excess wire with foam tape and cable ties.

Reinstall driver's footwell panel.

Prepare To Install Driver's Side Light Stick.

67. Using a metric scale or ruler, measure and mark 25mm from the bottom edge.

Mark a line that matches up with the right edge of the DDL opening.

Measure and mark 60mm from the right edge and 20mm from the bottom edge.

Use a 3/16 inch drill and drill both locations.
17. INSTALLATION

68. Work on the steering finisher in the driver's floor area. Clean mounting area with alcohol wipe. Peel tabs away from the adhesive tape. Place the light stick so that the left hole is aligned with the 10.5 location and the right hole is aligned with the 1 location on the stick.

Fig. 68

69. Place a cable tie through both holes and tighten around the light stick to secure it to the panel. Trim the cable ties and turn them inwards so the clipped end is on the inside of the panel.

70. Reinstall the steering finisher, fuse cover and side mask.

Note: Trim all cable ties. Check installation. Check and clear any trouble codes.
18. CHECK OUT

(1) Open the rear storage area of the center console.

(2) Turn the vehicle ignition switch to the "ACC" position, push the lighting control knob and confirm the Accent Lighting illuminates.

(3) Turn the lighting control knob and confirm that the color changes through 20 variations.

(4) Press and hold the control knob for 3 seconds and confirm that the Accent Lighting enters the "Demo Mode" and cycles through colors. Press knob again to exit demo mode.

(5) Leaving the accessory ON, turn the Interior Room Lamp to "DOOR" and ignition switch OFF. Open the door and confirm the Accent Lighting illuminates.

(6) Leaving the accessory ON, and the ignition switch OFF, close and lock the door using CDL or Key Fob (if equipped). Confirm that the Accent Lighting turns off.

(7) Reset the radio presets to the record settings.

(8) Place the Accent Lighting Quick Reference card in the glovebox.

(9) Check the trim for a proper, flush fit after re-installing the interior components.

(10) Clean the interior of the vehicle.

(11) Inspect the vehicle interior and exterior for damage.

(12) Check and clear trouble codes ( DTC ).
### 19. BILL OF MATERIALS

### Nissan Universal Accent Lighting Kit - 999F3 AW000

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<td>1 Cable tie 15&quot; - Black</td>
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<td>2 Cable tie 11&quot; - Black</td>
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<td>4 Grey foam rectangle 80mm x 30mm x 5mm - Adhesive one side</td>
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<td>5 Small bracket 28mm long</td>
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<td>6 Medium bracket 54mm long</td>
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<td>7 Large bracket 80mm long</td>
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<td>9 Control knob (Black + white printing)</td>
<td>1</td>
<td>999F3 AW002</td>
</tr>
<tr>
<td>10 Alcohol preparation wipe</td>
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<td>11 U' Nut</td>
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<td>12 Module adhesive fixing 53mm x 74mm</td>
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<td>13 Lens Retaining Ring 9mm OD - Black</td>
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<td>14 Clear plastic lens - 7.5mm diameter</td>
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<td>15 Pozi-drive self-tap screw 1/2&quot; long - Black</td>
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**Parts Not In 'Installation Kit' bag.**

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<td>1</td>
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<tr>
<td>24 Foot-well lights and harness assembly</td>
<td>1</td>
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</tr>
<tr>
<td>25 Control module (within polythene zip bag)</td>
<td>1</td>
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Templates must be printed to scale

L42A
CUP HOLDER
TEMPLATE
INSTALLATION INSTRUCTIONS - Accent Lighting Kit

Templates must be printed to scale

L42A
CUP HOLDER
TEMPLATE

Riegner and Associates
Template B
999F3 MW010II Rev. 07-14-2014
INSTALLATION INSTRUCTIONS - Accent Lighting Kit

Templates must be printed to scale

L42A
ENCODER
TEMPLATE

10mm
1 inch