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# SERVICE BULLETIN

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Classification:	Reference:	Date:
BT16-006	NTB16-070	July 26, 2016

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## 2014 – 2015 TAXI; CONVERSION OF AUTO STEPS TO FIXED POSITION

**APPLIED VEHICLE:** 2014 – 2015 Taxi

### SERVICE INFORMATION

Kits are now available to convert the auto steps to non-moving fixed steps.

- This bulletin contains instructions to install the conversion kits.

**NOTE:** There are two kits (left side kit and right side kit). Both kits must be installed at the same time.

- Installation of the conversion kits is a customer choice.
- The auto steps must not be physically damaged or bent. If there is any physical damage, the conversion kits cannot be installed.

Conversion kit can be installed if:

- The side steps are not physically damaged.
- The auto function has stopped working and the customer chooses to install conversion kits rather than repair the auto function.
- The customer chooses to have this kit installed to disable the auto function.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

## SERVICE PROCEDURE

**NOTE:** Most steps in this procedure are illustrated for the driver side of the vehicle. The passenger side is similar (mirror image). Each step must be completed on both sides.

1. Disconnect the battery negative cable.

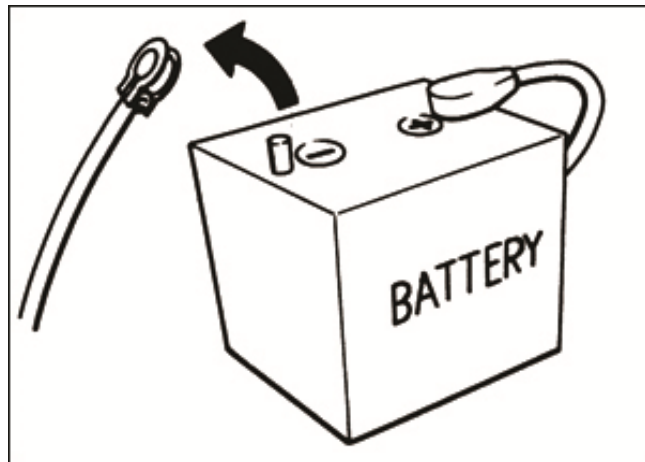


Figure 1

2. Place the vehicle on a lift and raise it high enough to reach the underside of the auto step.

**NOTE:** Make sure the lift points are positioned so the auto step can be manually extended and retracted (Figure 2).

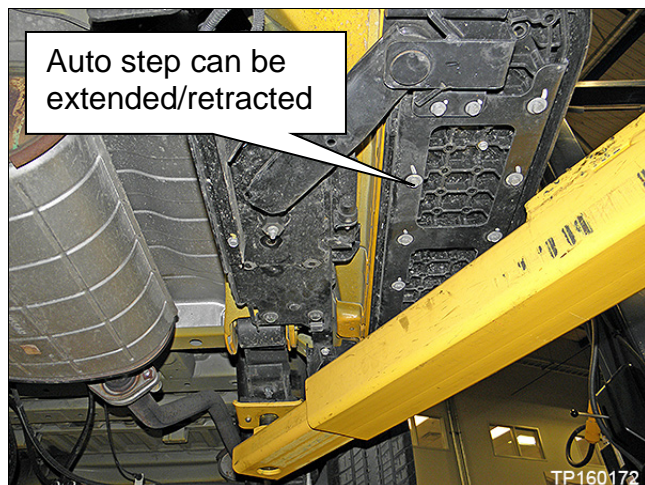


Figure 2

3. Remove the bump stop (Figure 3).

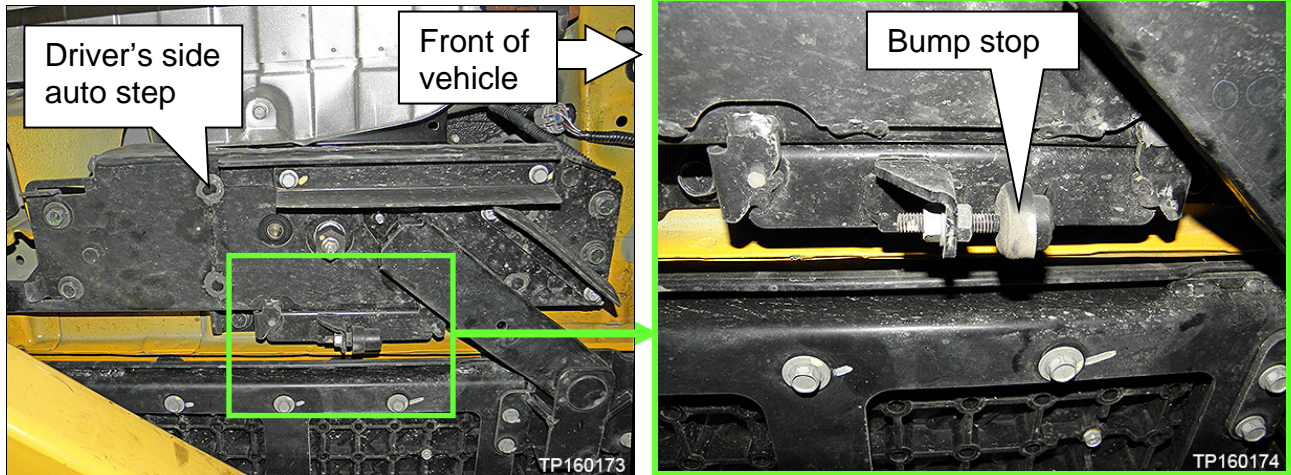


Figure 3

4. Remove the three bolts shown in Figure 4 from the auto step.

- Discard the shield.

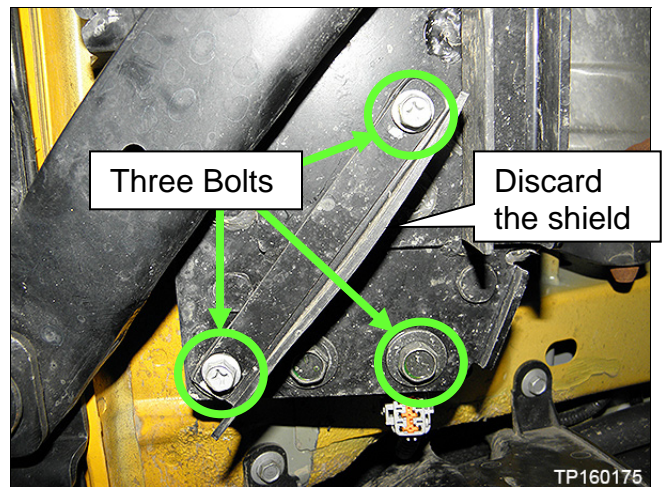


Figure 4

- Figure 5 shows bolts removed.



Figure 5

5. Install the bumper block bracket onto the auto step.

**NOTE:** Left and right side brackets are different (see Figure 6).

- Install using the bolt locations where bolts were removed in step 4.
- Two new bolts provided (see Figure 7).
  - Torque new bolts to: 7.2-10.8 N•m (0.7-1.1 kg-m, **5.3-8.0 ft-lb**)
- Reuse one original bolt (see Figure 7).
  - Torque original bolt to: 26-34 N•m (2.7-3.5 kg-m, **19-25 ft-lb**)

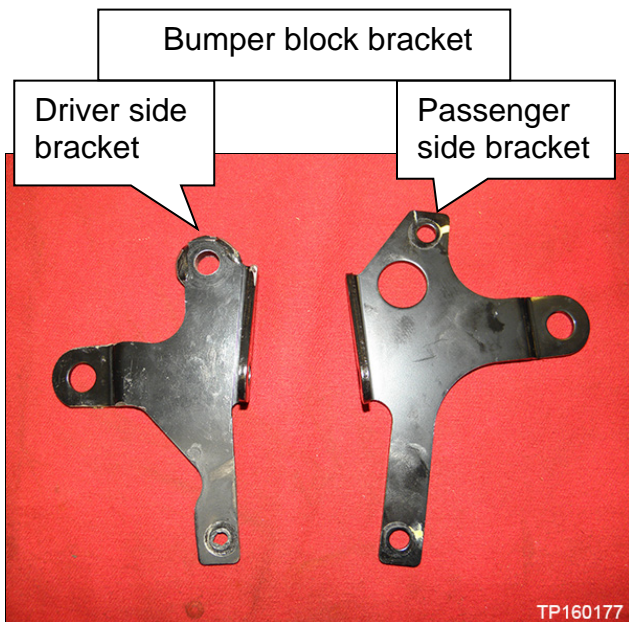


Figure 6

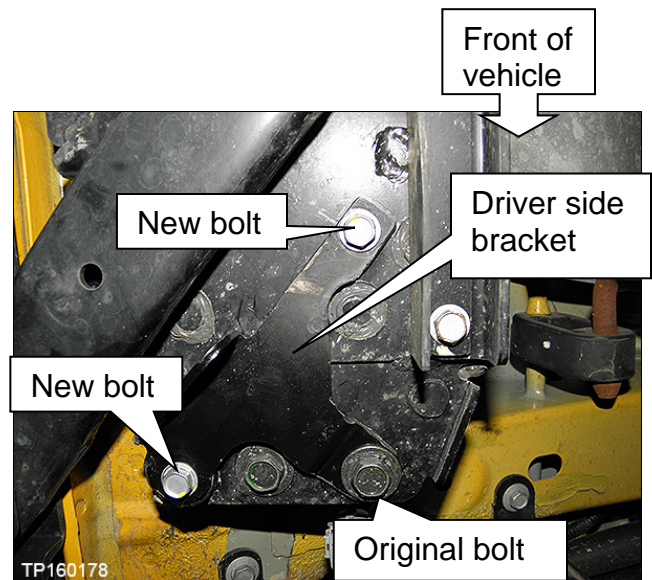


Figure 7

6. Enlarge the mounting hole that the bump stop was removed from in step 3 (see Figure 8).
  - a. Using a 3/8 inch drill bit, enlarge the hole to 3/8 inch (8.5 mm).
  - b. Apply zinc rich primer (see parts information) to the newly exposed metal.

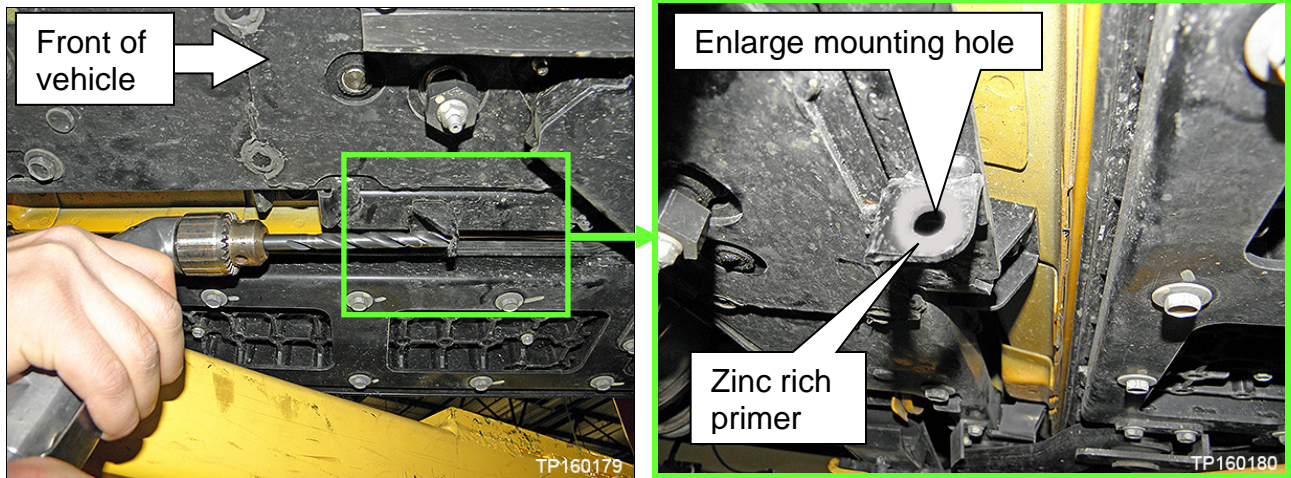


Figure 8

7. Fold back the dust covers on the three bumpers from the kit.
8. Install jam nuts onto the three bumpers with the flange facing away from the pre-existing nut (see Figure 9).

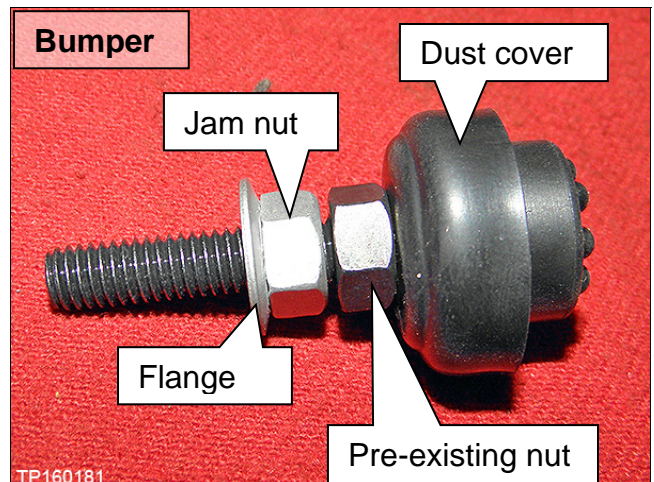


Figure 9

9. Install two bumpers onto one block and one onto the other (see Figure 10).
10. Thread the bumpers all the way into each block (Figure 10).

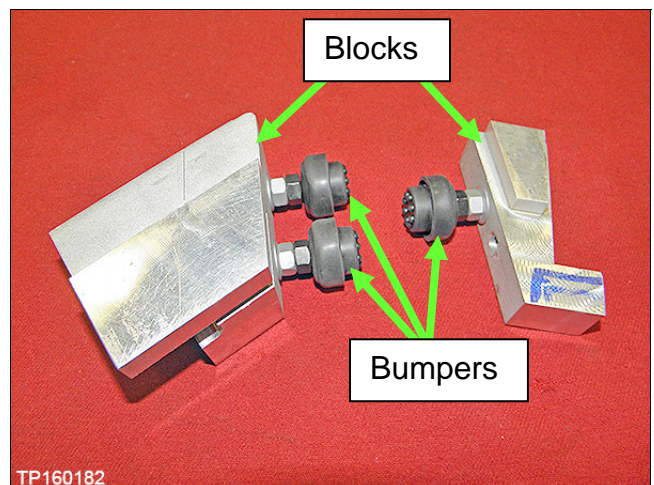


Figure 10

11. With the auto step completely retracted (closest to vehicle), install the block with two bumpers onto the mounting hole that you enlarged in step 6.

- Bumpers will face toward the front of the vehicle.

**NOTE:** If the step is in the extended position, it can be mechanically retracted. Manually rotate the drive bolt (Figure 13) to retract the step.

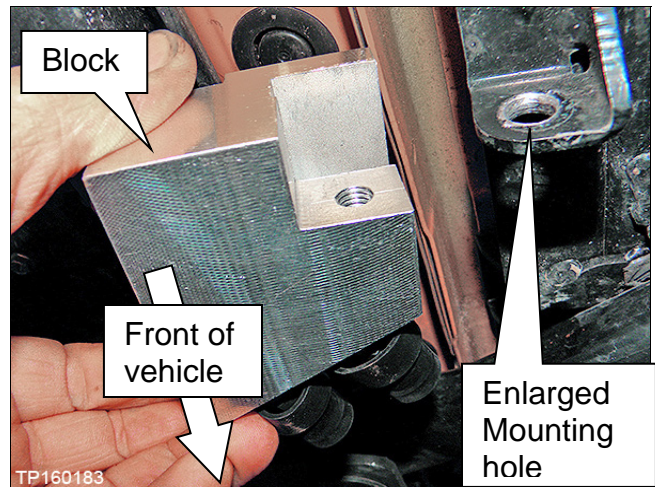


Figure 11

12. Secure with bolt.

- Torque bolt to:  
26-34 N•m (2.7-3.5 kg-m, **19-25 ft-lb**)

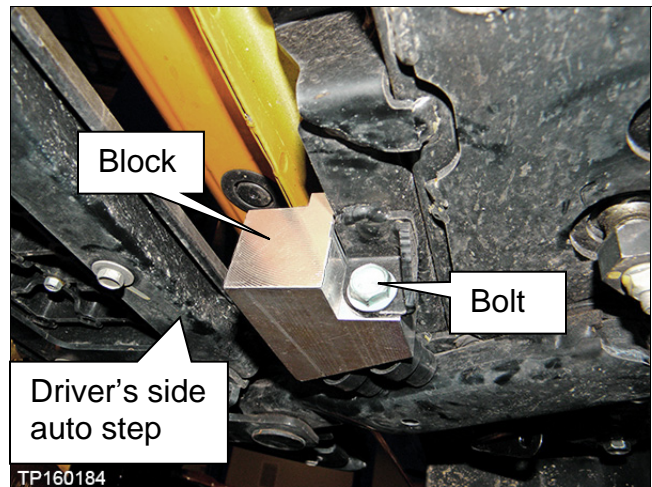


Figure 12

13. Manually rotate the drive bolt to extend the auto step outward until the step arm contacts the new bumpers.

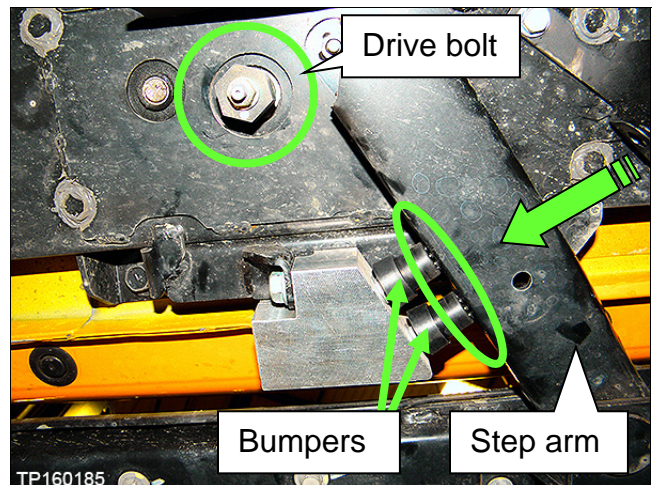


Figure 13

14. Install the second block (single bumper) with the bumper facing the step arm onto the new bracket installed in step 5.

- Torque bolt to:  
26-34 N•m (2.7-3.5 kg-m, **19-25 ft-lb**)

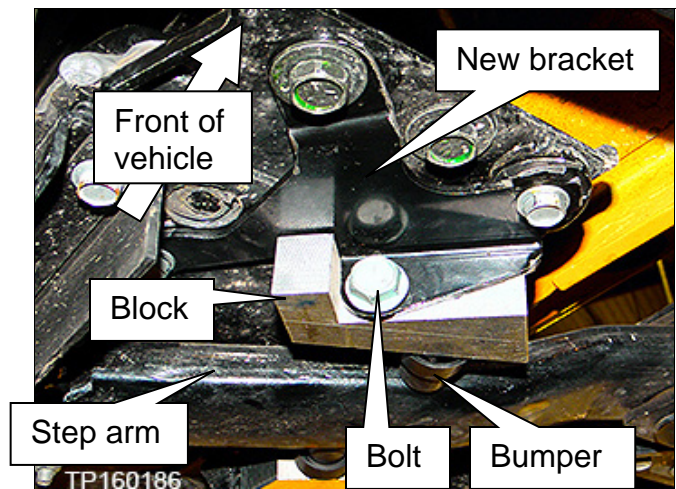


Figure 14

15. Rotate the single bumper, with fingers only, until it contacts the auto step arm.

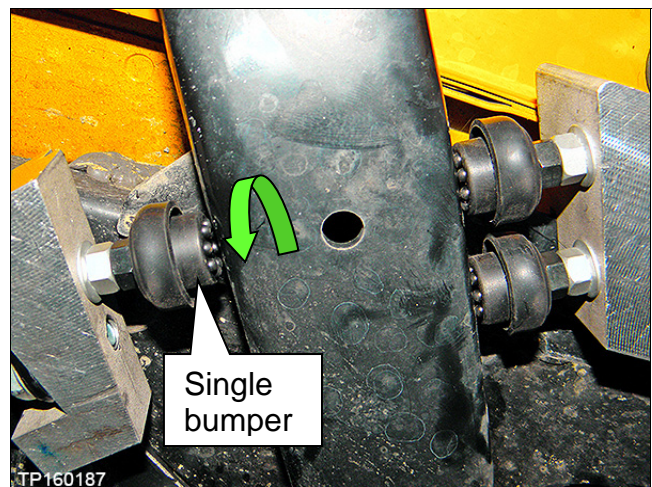


Figure 15

16. Use an open end wrench to extend the single bumper an additional **5** complete turns against the auto step arm.

- Use the black hex nut to rotate bumper the additional 5 turns.

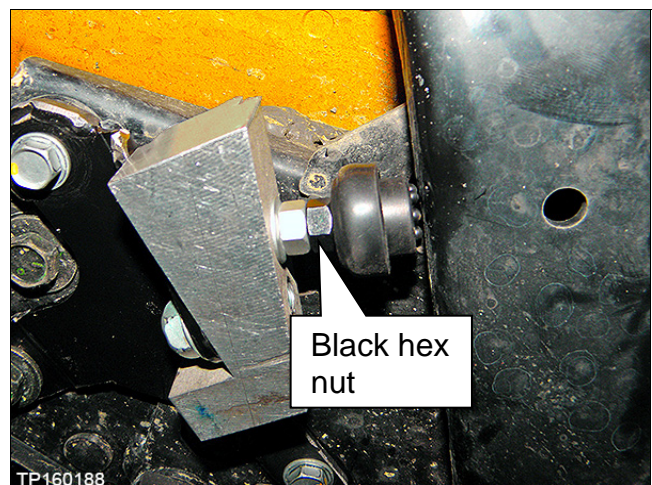


Figure 16

17. Tighten all three bumper flange nuts (silver nuts) against the blocks.

- Torque nuts to:  
7.2-10.8 N•m (0.7-1.1 kg-m, **64-95 in-lb.**)

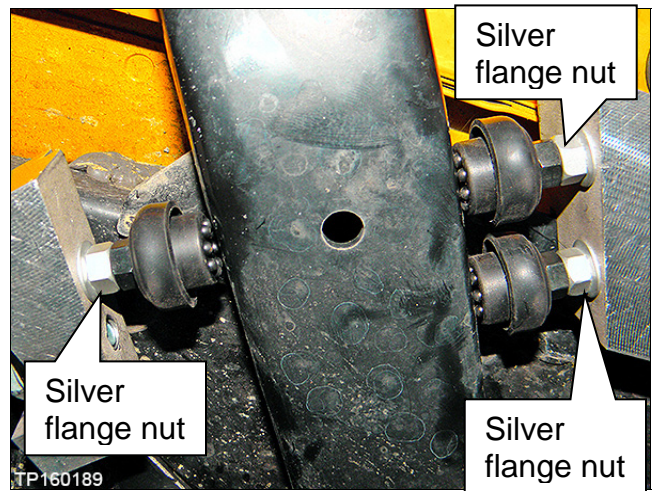


Figure 17

18. Fold the dust covers back into position.

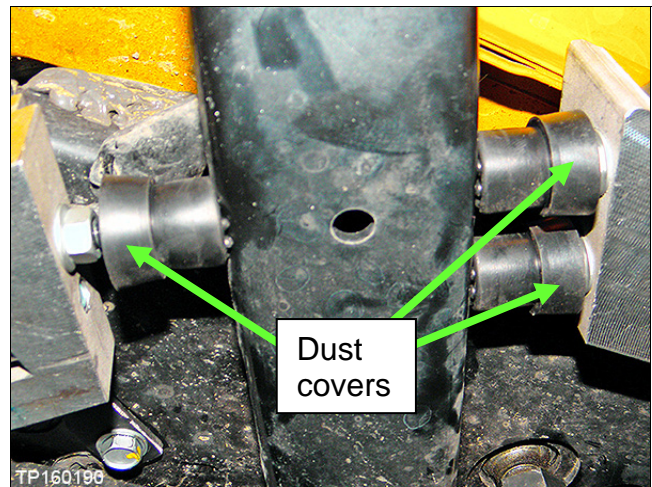


Figure 18



**IMPORTANT:** The following steps must be performed to complete this Service Procedure to prevent the “auto step” alarm from sounding (located in partition wall) and warning light on dash, when the side doors are opened.

19. Remove the 4 plastic clips that hold the front intercom finisher.

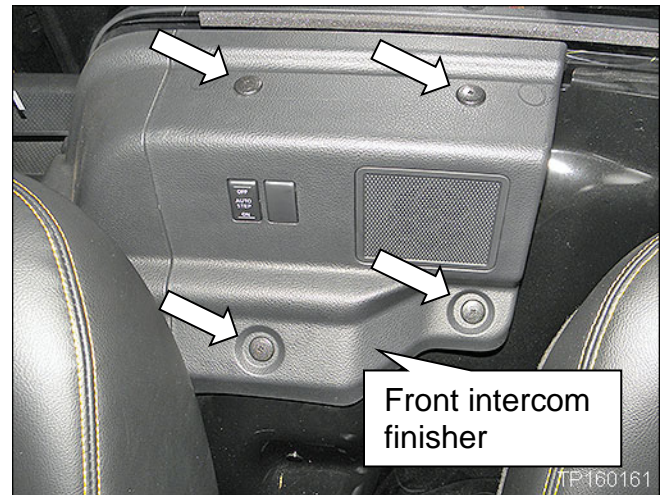


Figure 19

20. Snap the front intercom finisher loose.



Figure 20

21. Disconnect the intercom speaker and the auto step switch.

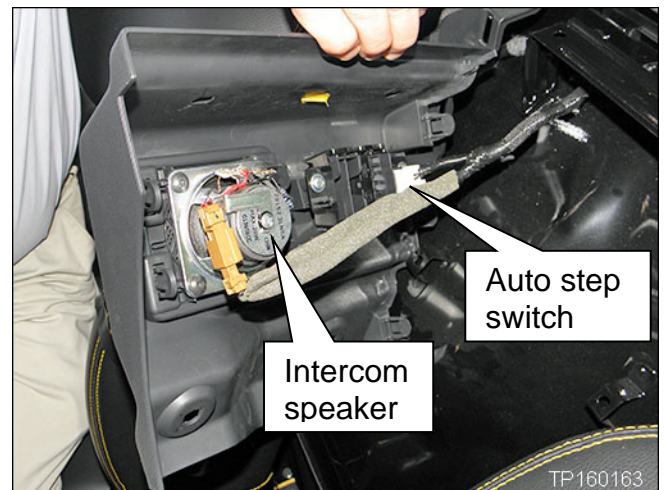


Figure 21

22. Tape the auto step switch connector to the harness as shown.

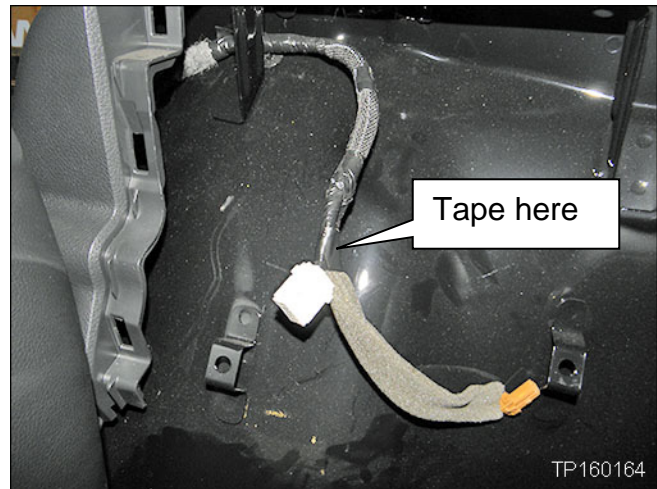


Figure 22

23. Re-connect the intercom speaker.

24. Leave the auto step switch **disconnected**.

25. Reinstall the front intercom finisher in reverse order.

26. Snap loose and remove the back door kicking plate.



Figure 23

27. Partially snap loose the luggage side lower finisher RH.

28. Locate the auto step controller RH.

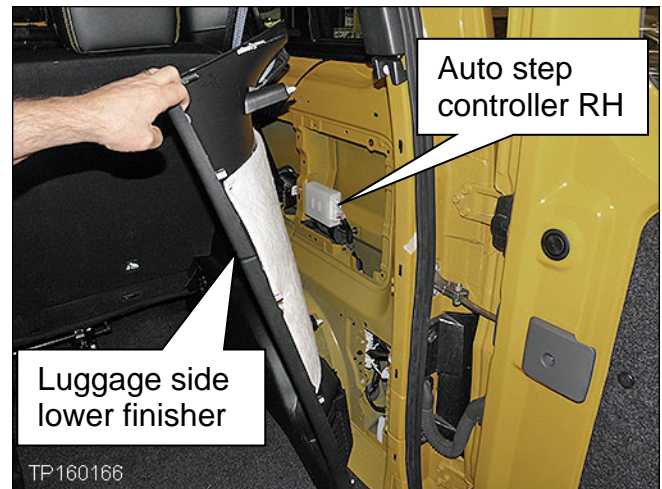


Figure 24

29. Disconnect the auto step controller.

30. Tuck the auto step controller connector beside the harness and use a tie-wrap to hold the connector to the harness.

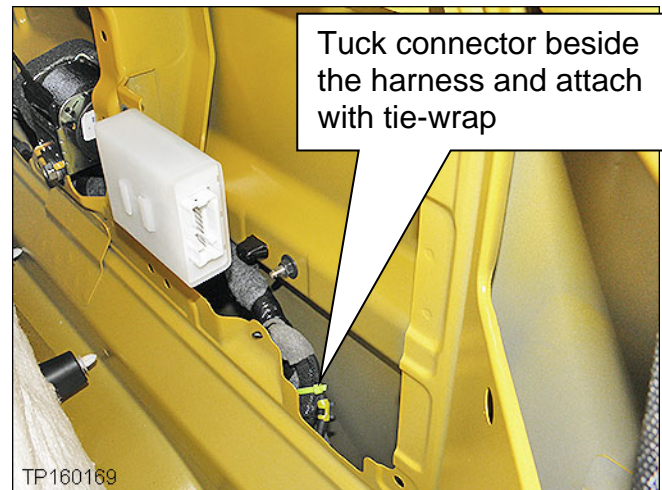


Figure 25

31. Snap the luggage side lower finisher RH back into place.

32. Repeat steps 27 – 30 for the left side.

- The left side luggage lower finisher and auto step controller LH are a mirror image of Figures 24 and 25.

33. Snap the luggage side lower finisher LH back into place.

34. Reinstall the back door kicking plate.

35. Re-connect the negative battery cable.

36. Reset the clock and the radio presets.

37. Reinitialize the auto-up power windows as follows.

- a. Turn the ignition ON.
- b. Operate the power window switch to fully open the window (glass all the way down).
- c. Hold the window switch UP until the glass stops at the fully closed position, and then continue holding the switch UP for 3 seconds or more.
- d. Check that AUTO-UP function operates normally.

Check the Anti-Pinch Function:

- a. Fully open the window (glass all the way down).
- b. Hold a piece of wood near the fully closed position.
- c. Close the window using the AUTO-UP switch. Allow the window glass to hit the wood.
- d. Check the following conditions:
  - Check that the glass lowers for approximately 150 mm (5.9 in), without pinching the wood, and stops.
  - Check that the glass does not rise when operating the power window main switch while the window is lowering after hitting the wood.

**CAUTION:** Do not check anti-pinch function with hands or other body parts because they may be pinched.

38. Inform the customer that some memory settings in the navigation system may need to be reset.

## PARTS INFORMATION

APPLIED VIN	DESCRIPTION	PART NUMBER	QUANTITY
Built before: 3N8CM0JT(*)EK 702681	Auto Step Deletion Kit (Left side / Driver side)	99215-3LN1A	1
	Auto Step Deletion Kit (Right side / Passenger side)	99215-3LN1B	1
Built on or after: 3N8CM0JT(*)EK 702681	Auto Step Deletion Kit (Left side / Driver side)	99215-3LN1C	1
	Auto Step Deletion Kit (Right side / Passenger side)	99215-3LN1D	1
All vehicles	Zinc-Rich Primer	Local Source (1) (shop supply)	as needed

(1) Use one of the following Zinc Rich primers or an equivalent:

- 3M™ Zinc Spray 16-501

For help finding a local source for 3M™ products or obtaining an MSDS, contact 3M™ Automotive Aftermarket Division at 1-877-MMM-CARS.

- CRC® Zinc-It® 18412

For help finding a local source for CRC® products or obtaining an MSDS, contact CRC® Customer Service Representative at 1-800-272-8963.

## ADDITIONAL SERVICE PARTS

DESCRIPTION	PART NUMBER	QUANTITY
Additional Bumpers (1)	99215-3LN1E (2)	Package of 12

(1) Available as a service part to replace worn bumpers for those vehicles that have already had the step kits installed.

(2) See Figure 9 for illustration of bumper.