



SERVICE BULLETIN

Classification: HA16-002a	Reference: NTB16-056a	Date: March 10, 2017
------------------------------	--------------------------	-------------------------

2016-2017 TITAN XD; EXHAUST SMELL INSIDE VEHICLE WHEN HVAC IS ON FRESH AIR

This bulletin has been amended to update Applied Vehicles, add step 11 to the Service Procedure and add a flowchart. No other changes have been made. Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2016-2017 Titan XD (A61)
APPLIED VIN AND DATE: 2016 Titan XD All
2017 Titan XD built before 1N6BA1F4(*)HN **523035** / Dec 3, 2016

IF YOU CONFIRM

A diesel exhaust smell is present inside the vehicle:

- While the vehicle is stopped.

And

- The HVAC system is ON with mode set to fresh air.

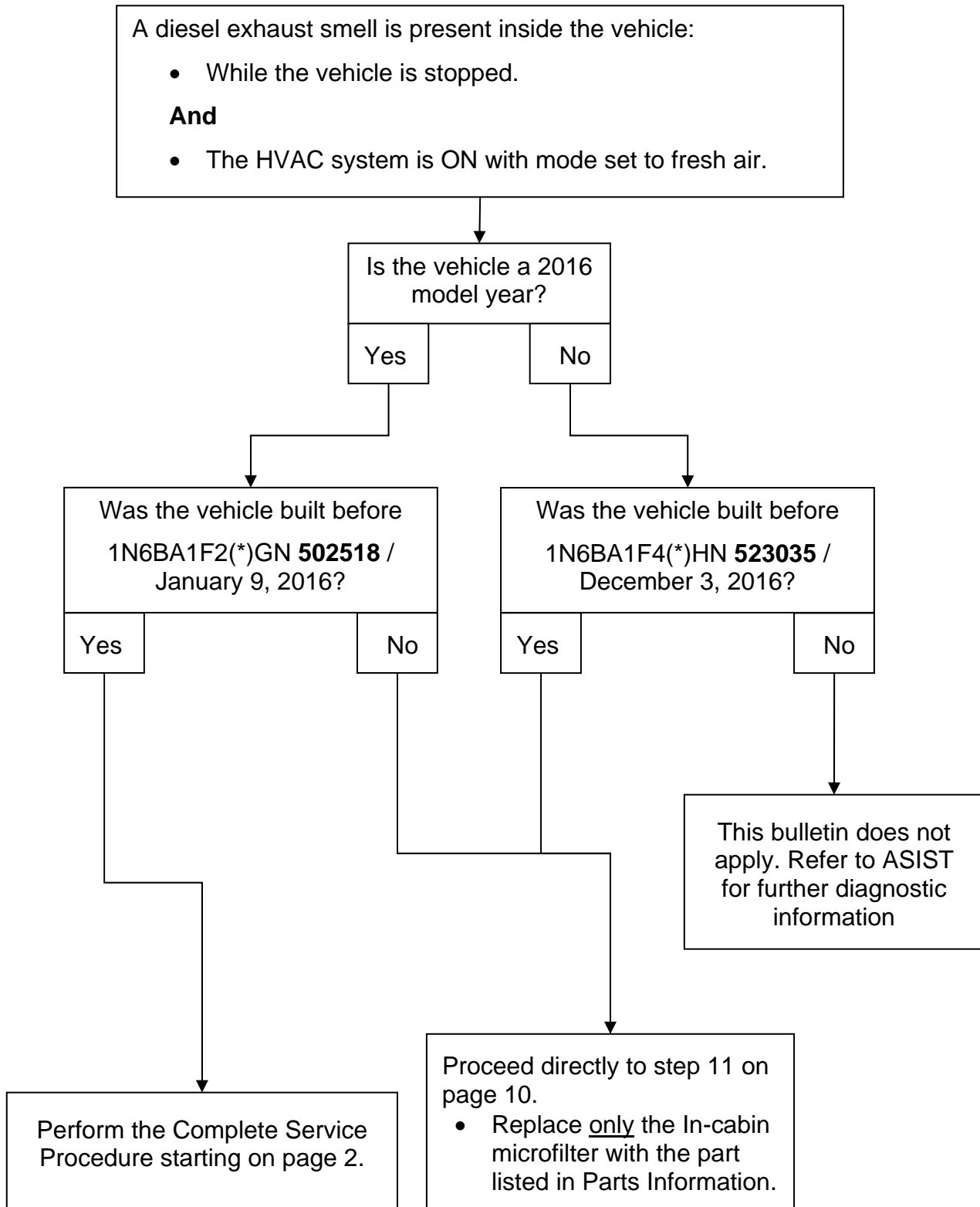
ACTION

Refer to the Flow Chart on page 2 for the vehicle specific service procedure.

IMPORTANT: The purpose of ACTION (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** as it contains information that is essential to successfully completing this repair.

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.

Flow Chart



SERVICE PROCEDURE

Removal Instructions

1. Remove both wiper arm caps.

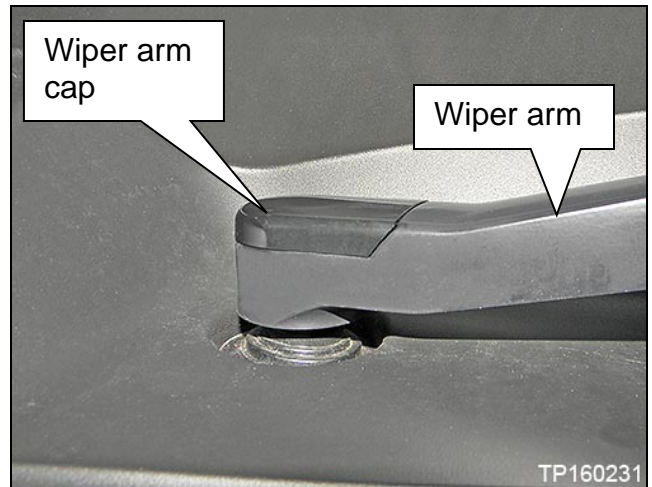


Figure 1

2. Remove both wiper arm nuts.

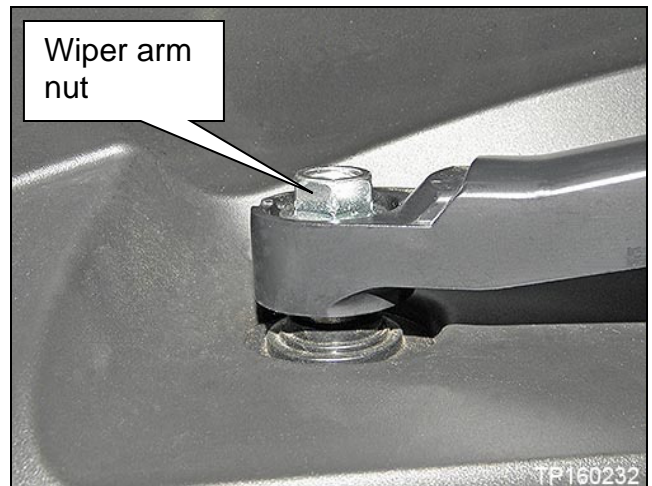


Figure 2

3. Remove both wiper arms.

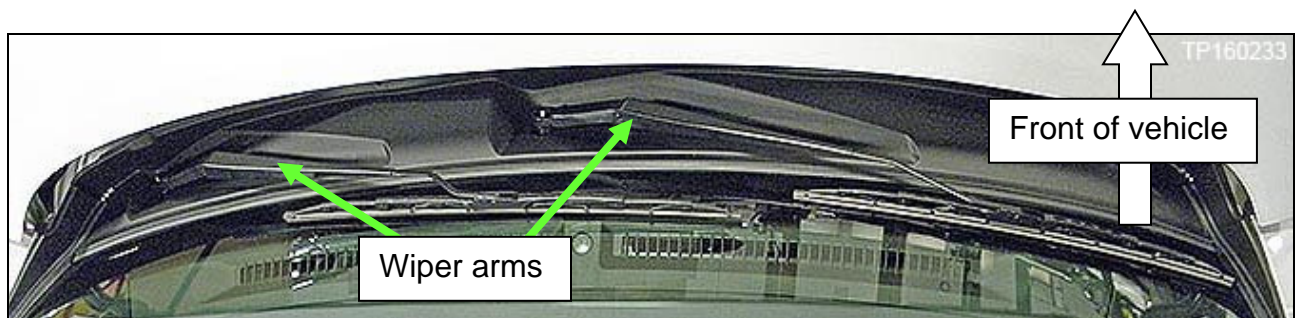


Figure 3

4. Remove both left and right cowl cover assembly side finishers.

NOTE: Passenger side shown. Driver's side is similar



Figure 4

5. Disconnect the washer tank hose at plastic fitting.

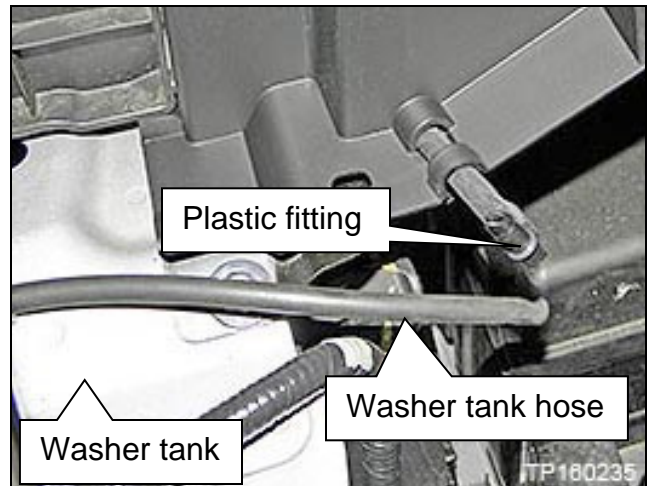


Figure 5

6. Remove the nine (9) push pins that hold the front edge of the cowl cover assembly (Figure 6).

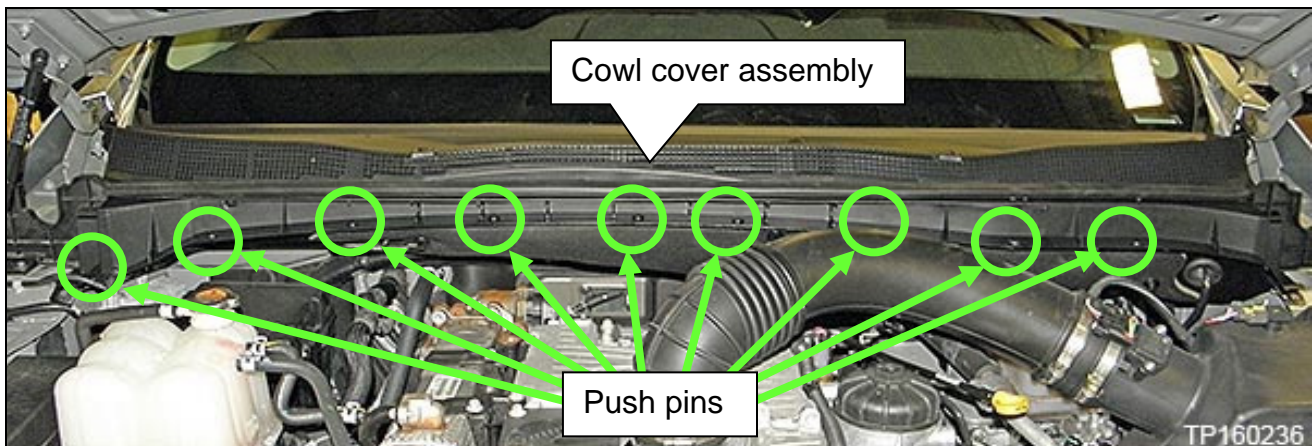


Figure 6

7. Remove the cowl cover assembly as follows:
 - a. Lift the cowl cover assembly at the end.

NOTE: This can be lifted at either the passenger side or driver's side.
 - b. Starting at lifted end, slide hand between the windshield and cowl cover assembly.
 - c. Detach the seven (7) clips that attach the cowl cover assembly to the vehicle.



Figure 7

NOTE: Cowl cover assembly will be replaced.

8. Remove the hood seal from cowl cover assembly (Figure 8).

- Detach Ten (10) clips.

IMPORTANT: The seal has a leading and trailing (front and back) edge. Note the seal orientation (Figure 8) before removal.

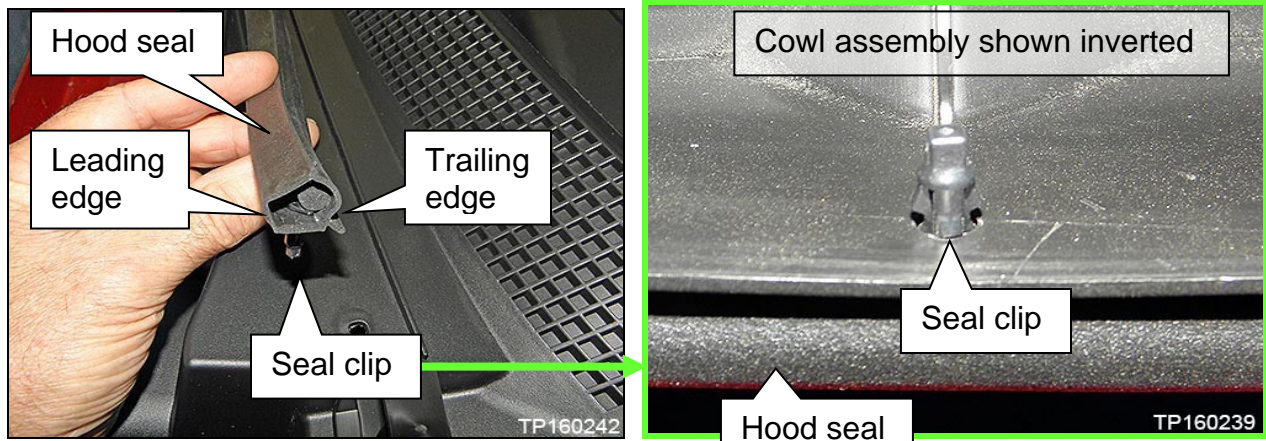


Figure 8

Installation Instructions

1. Add foam block (size: 20x20x50 mm) to the vehicle as follows:
 - a. Clean the area directly below the passenger side corner of the windshield with 50% isopropyl alcohol (Figure 9).

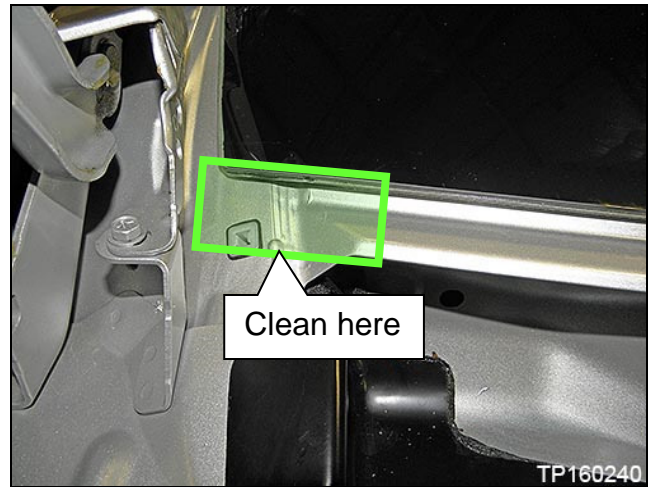


Figure 9

- b. Find the centerline of the farthest left "cowl cover assembly grommet" (grommet) shown in Figure 10.
NOTE: The centerline will be parallel to the edge of the windshield.

- c. Measure 8.5 mm from the grommet centerline to the left (Figure 10).
 - d. Remove foam block adhesive backing strip.
 - e. Align foam block against the lower edge of the windshield and left hand edge within the 8.5 mm area (Figure 10).

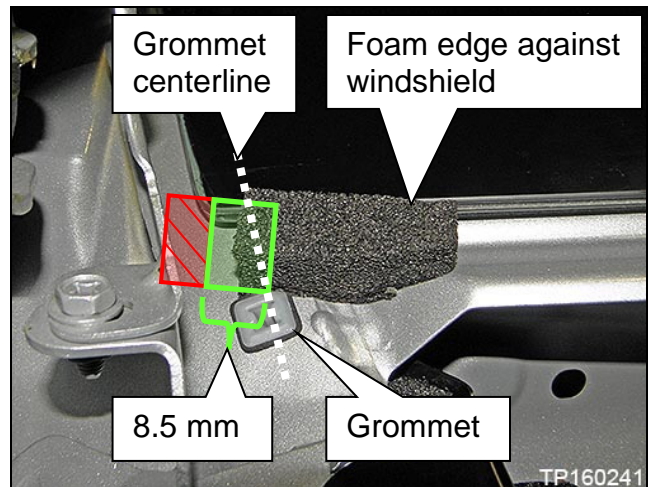


Figure 10

- f. Press foam block firmly into place.

2. Attach the hood seal from old cowl assembly to the new cowl assembly.

IMPORTANT: The seal has a leading and trailing (front and back) edge. Note the seal orientation (Figure 11) before installing.



Figure 11

3. Assemble the new cowl cover extension to the new cowl cover assembly, from Part Information, by inserting the molded tabs into the side of the cowl cover assembly (Figure 12).

NOTE: Tabs can be pulled through to seat them with an appropriate tool.

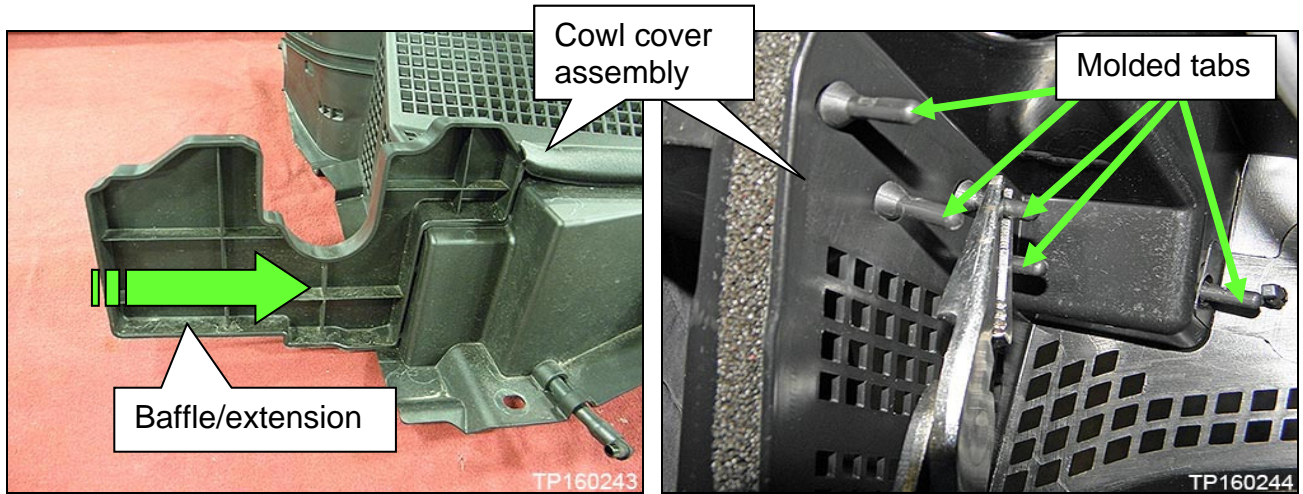


Figure 12

4. Clean the wiper arm mount (Figure 13).
 - This will reduce the possibility of wiper looseness.

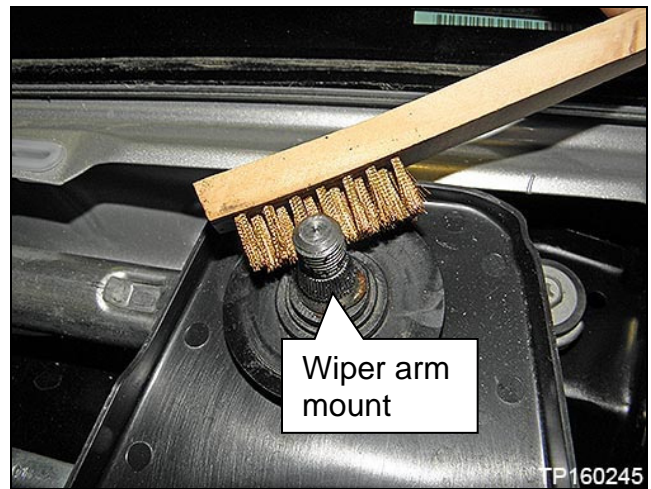


Figure 13

5. Install the new cowl cover assembly to the vehicle as follows:
- Align the center guide of the cowl cover assembly to the center slot of the cowl (Figure 14).
 - Snap the seven (7) clips that attach the cowl cover assembly to the vehicle at the base of the windshield, starting from the center guide and working toward the left and right.



Figure 14

- Confirm that the seal fits correctly to the windshield.
 - No gaps between seal and glass are allowed.
- Install the nine (9) push pins (Figure 15).
- Connect washer tank tube to the plastic fitting.

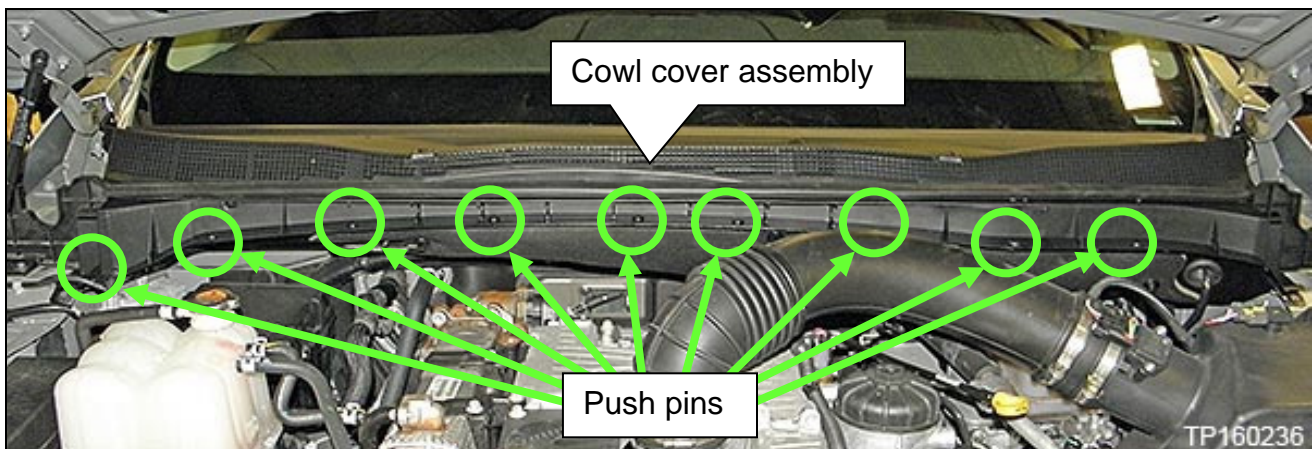


Figure 15

6. Assemble the baffle to the new cowl extension.

- Insert clip A and clip B on baffle into the two holes present in the new cowl extension (Figure 16).

NOTE: Clips A, B, and C are pre-assembled to baffle.

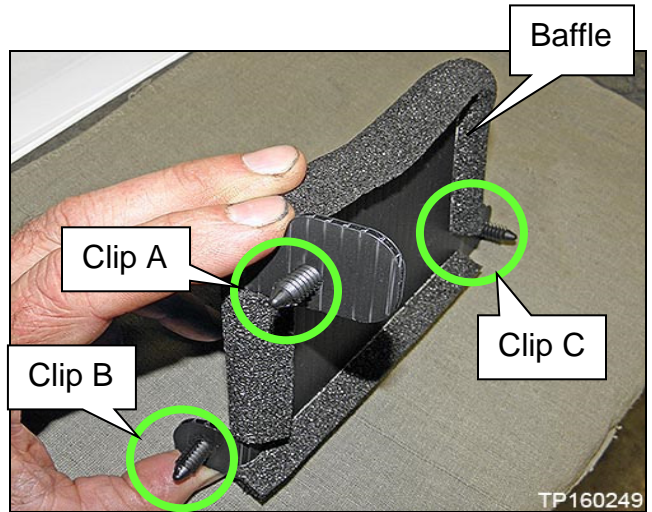
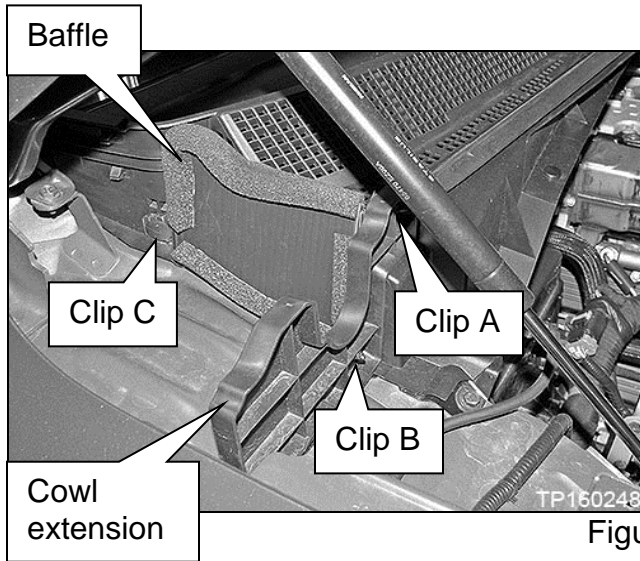


Figure 16

7. Insert rearward baffle clip C to the cowl cover.

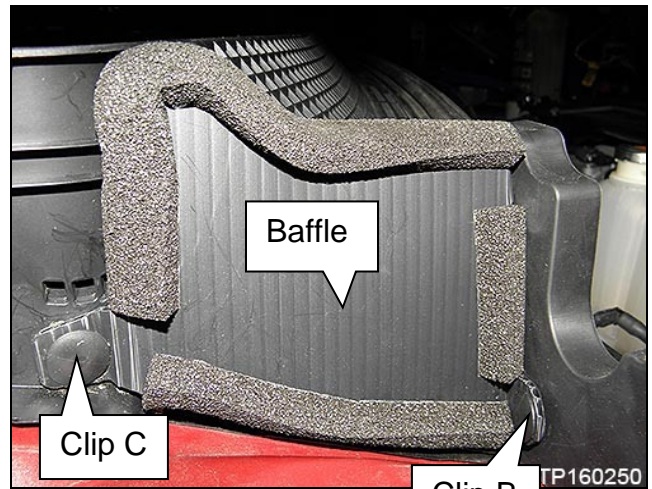


Figure 17

8. Install left and right side finishers for the cowl cover assembly.



Figure 18

9. Re-install the wiper arms.

- Torque nuts to: 23.6 N•m (2.406 kg-m, **17 ft-lb.**)

10. Re-install wiper arm caps.

11. Replace the In-cabin microfilter (FILTER KIT - AIR, AIR CONDITIONER).

- Refer to the Electronic Service Manual, section **VTL – Ventilation System** for replacement procedure.

NOTE: The In-cabin microfilter listed in Parts Information must be used when performing this bulletin.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
GRILLE ASSY-COWL TOP (Cowl Cover Assembly)	66810-EZ10B	1
GRILLE-COWL TOP (Cowl Cover Extension)	66812-EZ01B	1
EXTENSION-COWL TOP SIDE RH (Baffle)	66316-EZ00A	1
Foam Block	27288-EZ00A	1
FILTER KIT - AIR, AIR CONDITIONER (In-Cabin Microfilter)	27277-4HH0A	1

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Install Cowl Assembly	66810-EZ10B	UE24AA	ZE	32	(1)
Install In-Cabin Microfilter		TB26AA			(1)

(1) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.