QUALITY ACTION

CAMPAIGN BULLETIN

Fan Coupling Nut Torque Inspection

Reference: P3A05
Date: June 2, 2023

Attention: Dealer Principal, Sales, Service & Parts Managers

Affected Models/Years:	Affected Population:	Dealer Inventory:	SERVICE COMM Activation date:	Stop Sale In Effect:
2022-2023 Armada (Y62)	**NA**	**1,763**	**June 2, 2023**	**YES**

*****Dealer Announcement*****

Nissan is conducting a dealer inventory quality action on certain specific 2022-2023 Nissan Armada vehicles identified in Service Comm and National Service History – Open Campaigns. Dealers will inspect the fan coupling nuts and apply the correct torque. Surrounding parts will also be inspected for damage and replaced if necessary. Please follow the attached instructions to remedy any vehicles affected by this dealer inventory quality action.

Affected vehicles **are subject** to stop sale and are either currently in dealer inventory or assigned and in transit to the dealer.

*****What Dealers Should Do*****

PLEASE FOLLOW THE ATTACHED INSTRUCTIONS:

1. Verify if vehicles are affected by this quality action using Service Comm or DBS National Service History – Open Campaigns I.D. **P3A05**
   - New vehicles in dealer inventory can also be identified using DBS (Sales-> Vehicle Inventory, and filter by Open Campaign).
     - Refer to NPSB 15-460 for additional information
   - **Please continue to check newly arriving inventory for campaign applicability.**

2. Please **do not drive, loan, sell or trade** the specific vehicles in dealer inventory subject to this quality action.

3. Use the attached procedure to inspect any vehicles affected by this quality action.

4. Once remedied, dealers should submit the applicable warranty claim for the action performed so it can be closed in Service Comm and release the vehicle for sale.

***** Dealer Responsibility *****

It is the dealer's responsibility to check Service Comm or DBS National Service History – Open Campaign using the appropriate campaign ID for the inspection status on each affected vehicle currently in new vehicle inventory.

NISSAN NORTH AMERICA, INC.
Total Customer Satisfaction

P3A05 – 2023 ARMADA
COOLING FAN COUPLING NUTS

TOOL REQUIREMENT:

Figure 1

SERVICE PROCEDURE:

1. Open the hood.
    - Install fender covers to protect front bumper and grill from damage

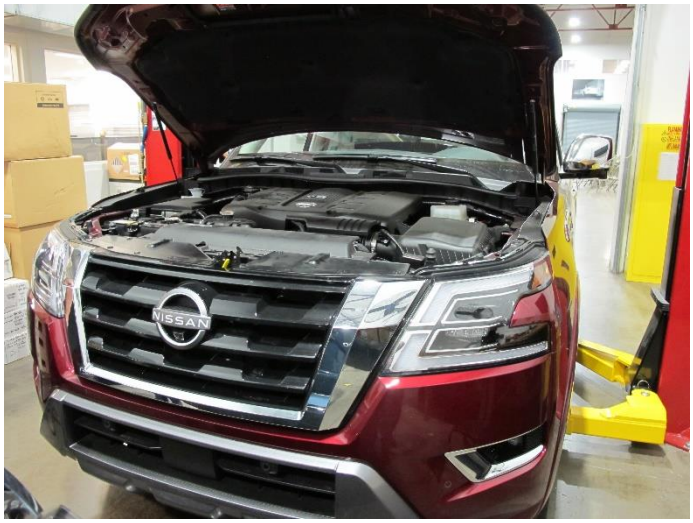

Figure 2

2. Remove (2) 10 mm reservoir tank bolts, refer to Figure 3.

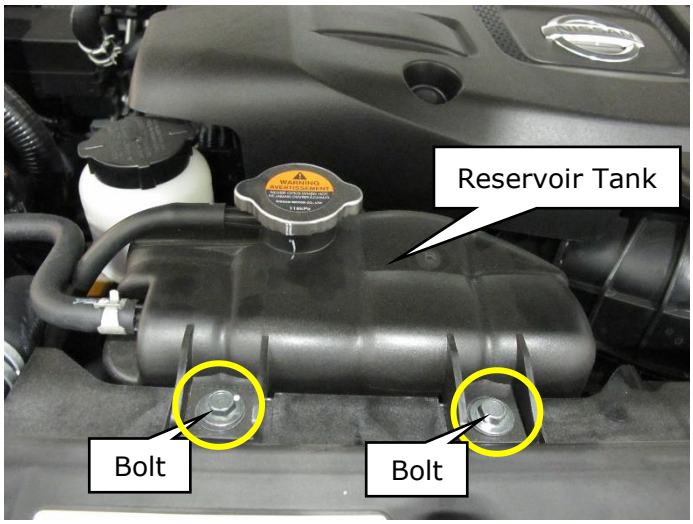

Figure 3

3. Reposition reservoir tank out of the way.

   - Position the reservoir tank to the passenger side of the engine cover (Figure 4)

NOTE: Do NOT disconnect the hoses from the reservoir.

Figure 4

4. Look down at front of the engine and locate the engine fan coupling (Figures 5 and 6).

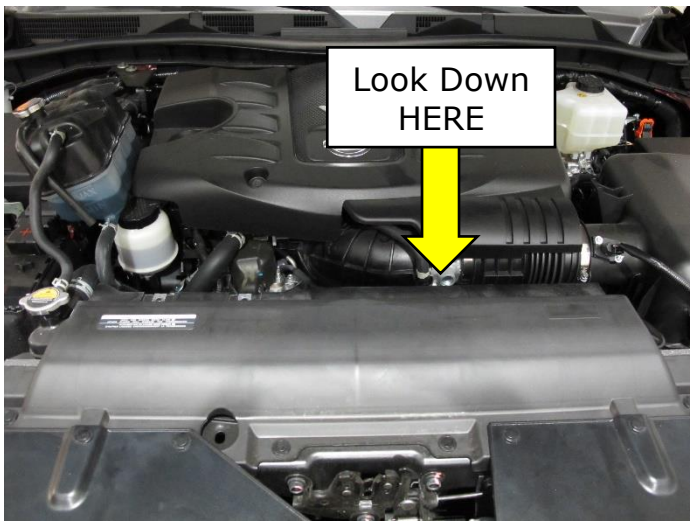

Figure 5

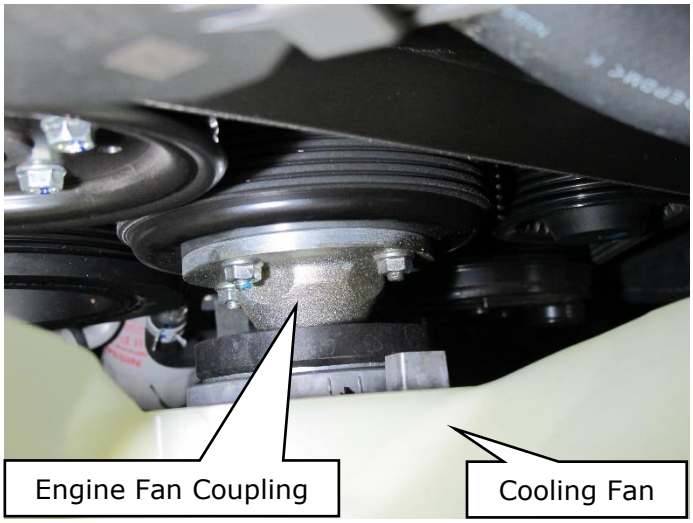

Figure 6

5. In the engine fan coupling area, visually inspect the following:

   a. Drive belt and fan pulley (Figure 7): **Must not have any damage.**

   b. Missing fan coupling nuts (Figure 7): **Must have (4) present.**

   c. Cooling fan and shroud (Figure 8): **Must not have any damage.**

   d. Radiator hoses in area of cooling fan (Figure 8): **Must not have any leaks.**

   e. Transmission fluid warmer pipes in area of cooling fan (Figure 8): **Must not have any leaks.**

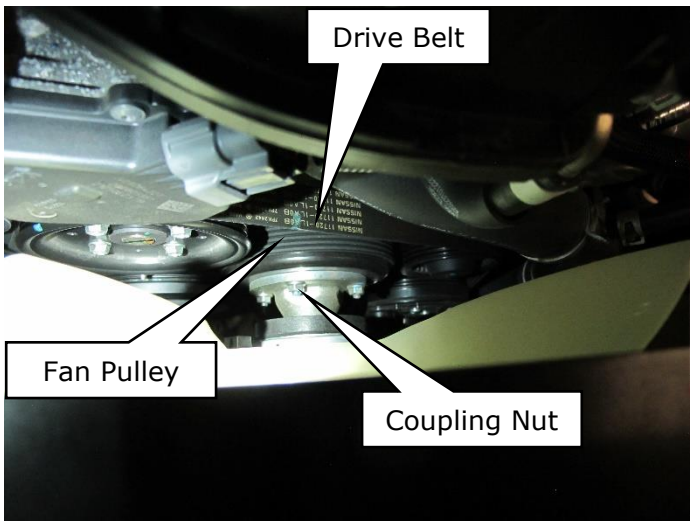

Figure 7

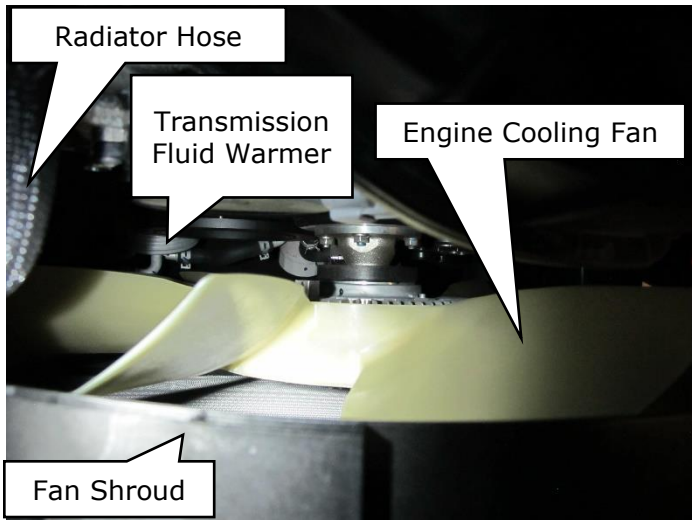

Figure 8

6. Were any issues found in Step 5?

- **YES =>** Provide clear photos of the damaged components found in Step to FQA using the information below. **HOLD** the vehicle until further notice.

  a. Take clear pictures of the VIN certification label and all the damaged components found in the engine fan coupling area.

  b. Photo file type must be JPEG, PNG, or PDF.

  c. Email photos to fqa_inspection_support@nissan-usa.com

  d. Provide a brief explaination of extent of damage and parts involved.

  e. **The E-Mailed file size cannot exceed 10 MB.**

  f. Make sure to include the below information:
     - E-Mail Subject Line: P3A05 Armada Fan Coupling
     - Dealer Name:
     - Dealer Code:
     - Dealer Address:
     - VIN:
     - Contact Person Name:
     - Contact Person E-mail Address:
     - Contact Person Phone Number:

- **NO =>** Proceed to Step 7 to torque the engine fan coupling nuts.

7. Locate the (4) fan coupling nuts.

NOTE: The bottom fan coupling nut is not shown in Figure 9.

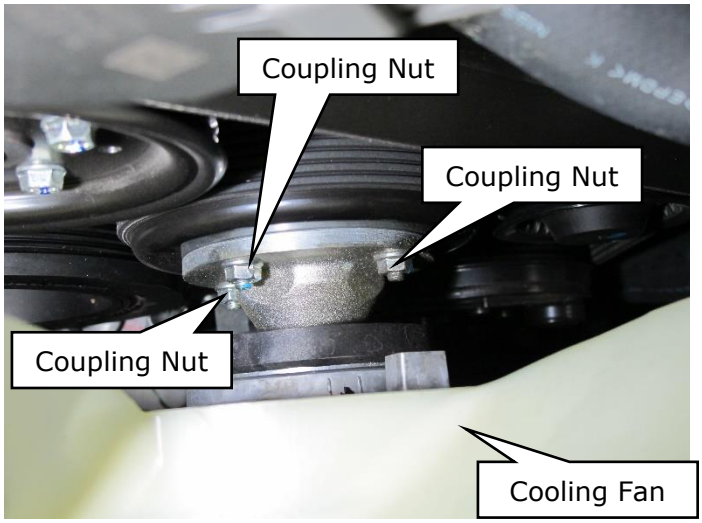

Figure 9

8. Using an inch lb torque wrench, adaptor and a 10mm crow's foot, torque the 2-3 fan coupling nuts that can be reached from the front top of the engine (Figure 10).

   - Use the torque wrench set-up shown in Figure 1
   - Fan coupling nut torque is 9.0 N•m (0.92 kg-m, **80 in lb**)

NOTE:
- The above torque value has already been adjusted to compensate for the adaptor and crow's foot.
- The crow's foot should only be used in line with the wrench.

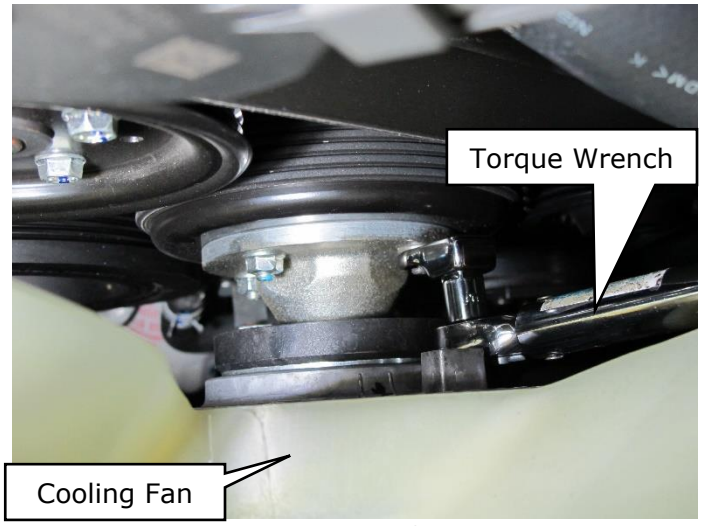

Figure 10

9. Mark the fan coupling nuts that were torqued with a white or yellow paint marker.

   - A yellow paint marker is shown in Figure 11

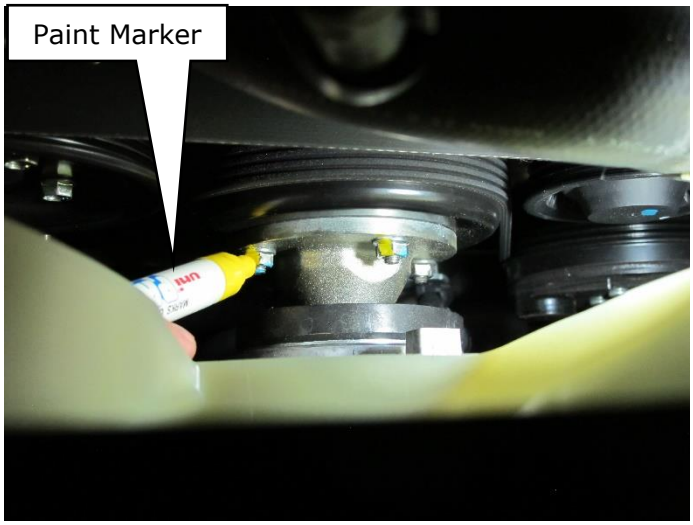

Figure 11

10. Turn the fan pulley to reach the remaining fan coupling nut(s) to be torqued.

    - Install a 14mm wrench on the drive belt auto tensioner, push down on the wrench to release belt tension (Figure 12)

    - With belt tension released, turn the fan clutch pulley to gain access to the remaining nut(s)

⚠CAUTION

- **Never place hand in a location where pinching may occur if the wrench accidentally falls off.**

- **Never loosen the hexagonal part in the center of the auto tensioner pulley (Never turn it clockwise). If turned clockwise, the complete auto tensioner must be replaced as a unit, including the pulley.**

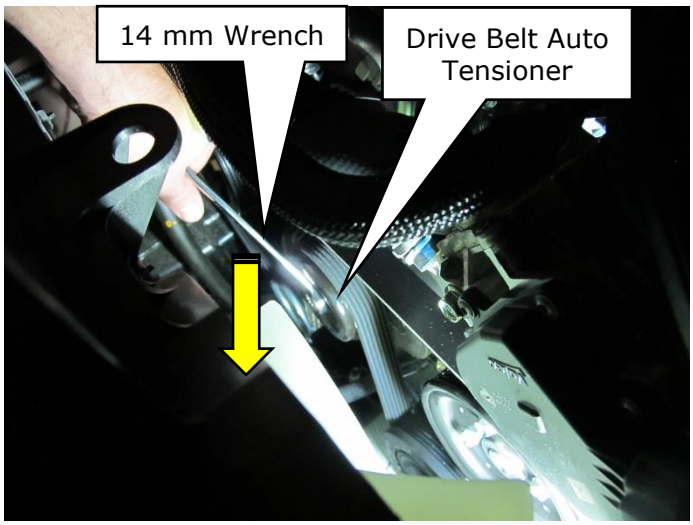

Figure 12

11. Using an inch lb torque wrench, torque the remaining fan coupling nut(s) and mark with the paint pen (Figure 13).

    - Use the torque wrench set-up shown in Figure 1

    - Fan coupling nut torque is 9.0 N•m (0.92 kg-m, **80 in lb**)

NOTE:

- The above torque value has already been adjusted to compensate for the adaptor and crow's foot.

- The crow's foot should only be used in line with the wrench.

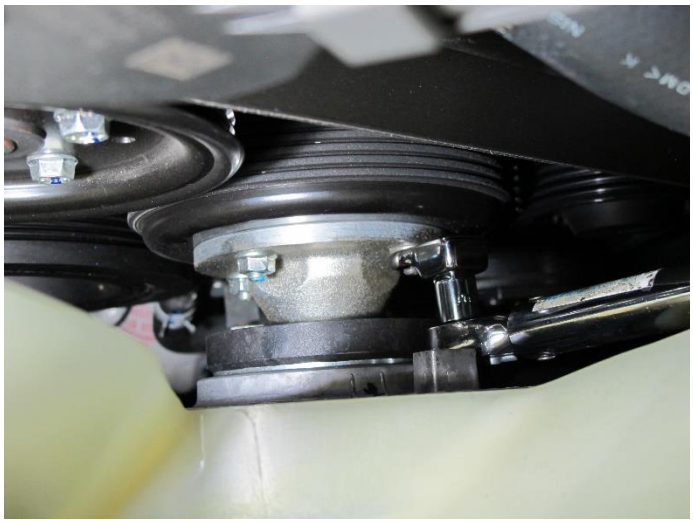
Figure 13

12. Verify all (4) fan coupling nuts are marked with the paint pen (Figure 14).

NOTE: Step 12 is a secondary check to verify all (4) nuts were torqued.

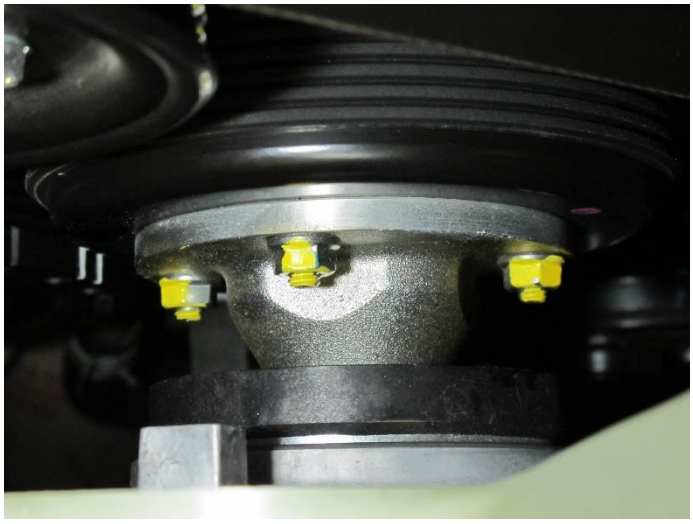

Figure 14

13. Reinstall the reservoir tank (Figure 15).

- Reservoir tank bolt torque is 5.5 N•m (0.56 kg-m, **49 in lb**)

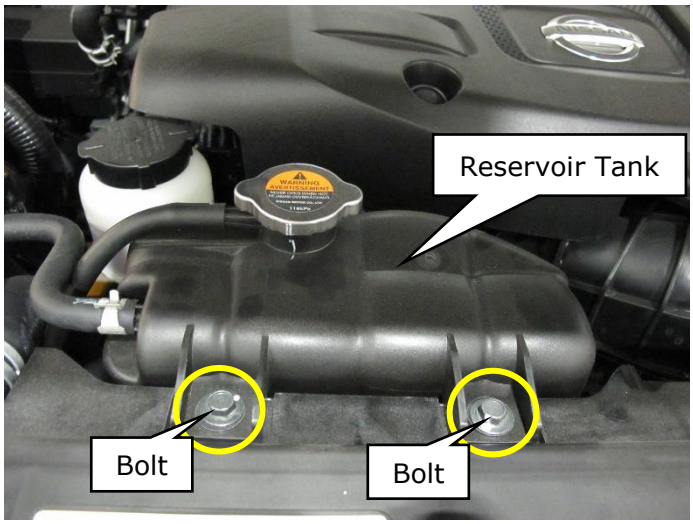

Figure 15

14. Remove fender cover and close the hood.

CLAIMS INFORMATION

Submit a "CM" line claim using the following claims coding:

Campaign ("CM") ID	Description:	Op Code	FRT
P3A05	Inspect and Torque Fan Coupling Nuts	P3A050	0.3 Hr