

# HVAC Drain Hose Disconnected From HVAC Case and/or Oil/Grease Odor From Vents

**Service Category** Vehicle Interior

**Section** Heating/Air Conditioning

**Market** USA

Toyota Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2022	NX250, NX350	

## Introduction

Some 2022 model year NX 250 and NX 350 vehicles may exhibit water entry to the vehicle from the HVAC drain hose being disconnected from the air conditioning radiator assembly and/or a grease/oil odor emitting from the vents. These conditions may be caused by paraffin wax leaking from the evaporator and causing the drain hose to expand and/or emitting an odor. Follow the Repair Procedure in this bulletin to address these conditions.

## Production Change Information

This bulletin applies to vehicles produced **BEFORE** the Production Change Effective VINs shown below.

MODEL	PLANT*	DRIVETRAIN**	VIN
NX 250	Kyusyu (2)	FWD	JTJ#DCAZ#N2004973
		AWD	JTJ#DCEZ#N2001984
	Tahara (5)	FWD	JTJ#DCAZ#N5500339
		AWD	JTJ#DCEZ#N5500035
	TMMC (C)	FWD	2T2#DCAZ#NC002753
		AWD	2T2#DCEZ#NC002508
NX 350	Kyusyu (2)	AWD	JTJ#GCEZ#N2006838
	Tahara (5)		JTJ#GCEZ#N5500418
	TMMC (C)		2T2#GCEZ#NC014385

\*The plant is determined by the 11th digit of the VIN: 2 = Kyusyu, 5 = Tahara, and C = TMMC.

\*\*The drivetrain is determined by the 7th digit of the VIN: A = FWD and E = AWD.

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### Warranty Information

OP CODE	MODEL	DESCRIPTION	TIME	OFP	T1	T2
883621	NX 250	R & R the Air Conditioner Radiator Assy & Drain Hose	5.7	87050-#####*	66	14
	NX 350					

\*Warranty claim MUST be submitted with the correct 10-digit OFP. Choose the correct OFP for the vehicle being repaired by searching for the parts in the Electronic Parts Catalog using the VIN filter.

#### APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months or 50,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

### Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
87050-0R161	87050-0R161	Radiator Assy, Air Conditioner	1
87050-42A21	87050-42A21		
88539-0E100	88539-0E100	Hose, Drain Cooler	1
88539-42090	88539-42090		

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### Required Tools & Equipment

REQUIRED TOOLS & MATERIAL	QTY
Robinair R1234YF A/C Machine	1

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream ADVI*	ADE	TSADVUNIT	1
Techstream 2.0		TS2UNIT	
Techstream Lite		TSLITEPDLR01	
Techstream Lite (Green Cable)		TSLP2DLR01	

\*Essential SST.

**NOTE**

- Only ONE of the Techstream units listed above is required.
- GTS+ software version 2023.02.001.02 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

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### Repair Procedure (continued)

1. Is the drain cooler hose detached from the air conditioning radiator assembly and/or a grease/oil odor emitting from the vents?
  - **YES** — Continue to step 2.
  - **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

**NOTE**

If there is evidence of water intrusion or a musty smell is present in the vehicle interior, follow the procedures outlined in [L-SB-0004-22](#) *Odor Remediation After Water Intrusion*, to remediate the odor and address this concern.

2. Remove the air conditioning radiator assembly and drain cooler hose.  
Refer to TIS, applicable model and model year Repair Manual:
  - 2022 NX 250 and NX 350:  
*Vehicle Interior – Heating/Air Conditioning – “[Heating/Air Conditioning: Air Conditioning Unit \(for Gasoline Model\): Removal](#)”*
3. Install the NEW air conditioning radiator assembly and drain cooler hose.  
Refer to TIS, applicable model and model year Repair Manual:
  - 2022 NX 250 and NX 350:  
*Vehicle Interior – Heating/Air Conditioning – “[Heating/Air Conditioning: Air Conditioning Unit \(For Gasoline Model\): Installation](#)”*
4. Confirm the condition no longer exists.