


HVAC Evaporator Drain Hose Clogged Due to Insect Intrusion

Service Category Vehicle Interior

Section Heating/Air Conditioning

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 – 2017	CT200H	
2013 – 2017	ES300H	
2007 – 2017	ES350, LS460	
2010 – 2017	GX460, RX350, RX450H	
2010 – 2012	HS250H	
2012	LFA	
2008 – 2016	LS600H	
2016 – 2017	NX200T, NX300H	

REVISION NOTICE

March 13, 2017 Rev1:

- Applicability has been updated to include 2015 – 2017 model year Lexus vehicles.
- The Parts Information section has been updated.

Any previous printed versions of this bulletin should be discarded.

Introduction

Some vehicles in particular geographic areas may exhibit a condition where the HVAC Evaporator Drain Hose has become obstructed with an insect nest. An insect repellent drain hose tip (ARINIX® Tip) is now available to help minimize future occurrences of this environmental condition. For some models, a new drain hose is required to properly fit the ARINIX® Tip. Follow the procedures in this bulletin for proper handling and installation of this optional service part.

NOTE

The ARINIX® Tip is NOT registered or labeled for sale or use outside the United States or Puerto Rico.

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
N/A	Not Applicable to Warranty	-	-	-	-

Parts Information

MODEL	MODEL YEAR	PART NUMBER		PART NAME	REPAIR PROCEDURE	QTY
		PREVIOUS	NEW			
All	All	87265-33010		Connector, Water Hose (ARINIX® Tip)	A & B	1*
CT 200h	2011 – 2013	88539-12200	88539-12230	Hose, Drain Cooler	A	1
		88539-02160	90480-26030	Grommet		1
	2014 – 2017	88539-12230		Hose, Drain Cooler	B	1
ES 350	2007 – 2017	88539-06121 88539-33090	88539-33160		A	1
ES 300h	2013 – 2017				B	1
GX 460	2010 – 2017	88539-60340			A	1
HS 250h	2010 – 2012	88539-12200	88539-12230		Grommet	A
			90480-26030	1		
LFA	2012	88539-77030		Hose, Drain Cooler	B	1
LS 460	2007 – 2017	88539-50090		Hose, Drain Cooler No. 1		1
		88539-50101		Hose, Drain Cooler No. 2		1
LS 600hL	2008 – 2016	88539-50090		Hose, Drain Cooler No. 1		1
		88539-50101		Hose, Drain Cooler No. 2		1
RX 350/450h	2010 – 2015	88539-48040	88539-0E010	Hose, Drain Cooler	A & B	1
NX 200t/300h	2016 – 2017	88539-78010			B	1

*LS requires 2

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Required Tools & Equipment

REQUIRED MATERIAL	QTY
Chemical Resistant Gloves (Made from Waterproof Material)	1

Safety Requirements for Handling the ARINIX® Hose Tip (Connector, Water Hose)

- Follow the manufacturer’s instructions for cleaning/maintaining Personal Protection Equipment (PPE). If no such instructions for cleaning/maintaining PPE exist, use detergent and hot water. Keep PPE separate from other laundry.
- Users should remove PPE immediately after handling this product.
- Wash the outside of the gloves before removing.
- Users should wash hands before eating, drinking, chewing gum, or using the toilet.

CAUTION

IF SWALLOWED:

Call the poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow.

- Do NOT induce vomiting unless instructed by the poison control center or doctor.
- Do NOT give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

Take off the contaminated clothing immediately. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES:

Hold eye open and rinse gently and slowly with water for 15 to 20 minutes. Remove contact lenses (if present) after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

HOTLINE NUMBER:

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. You may also contact 800-424-9300 for emergency medical treatment information.

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Directions for Use on ALL Repair Procedures

The ARINIX® Tip contains permethrin, a pesticide, as the active ingredient. Please note, it is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Repair Procedure A

1. Follow the instructions provided in the Safety Requirements for Handling the ARINIX® Tip (Connector, Water Hose) section of this bulletin.
2. Locate the HVAC Evaporator Drain Hose.
3. Following the vehicle specific Repair Manual, remove the HVAC Evaporator Drain Hose.
4. Put on all necessary PPE and install the ARINIX® Tip (Connector, Water Hose) into the NEW HVAC Evaporator Drain Hose listed in the Parts Information section of this bulletin.
5. When installing the ARINIX® Tip, verify it is fully seated in the HVAC Evaporator Drain Hose as shown in Figure 1.
6. Following the vehicle specific Repair Manual, install the HVAC Evaporator Drain Hose.

Figure 1.



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Repair Procedure B

1. Follow the instructions provided in the Safety Requirements for Handling the ARINIX® Tip (Connector, Water Hose) section of this bulletin.
2. Locate the HVAC Evaporator Drain Hose.
3. Following the vehicle specific Repair Manual, remove the HVAC Evaporator Drain Hose.
4. Put on all necessary PPE and install the ARINIX® Tip into the original HVAC Evaporator Drain Hose listed in the Parts Information section of this bulletin.
5. When installing the ARINIX® Tip, verify it is fully seated in the HVAC Evaporator Drain Hose as shown in Figure 1.
6. Following the vehicle specific Repair Manual, install the HVAC Evaporator Drain Hose.