

L-TCI-5015

Rev. 1

September 20, 2017



8AR Rocking (Forward and Back) Sensation on Acceleration

Service

Category Engine/Hybrid System

Section Emission Control

Market Canada

APPLICABILITY:

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2017	IS 200t	
2018 - 2019	GS300, IS300, NX300, RC300	
2015 - 2017	NX 200t	

REVISION NOTICE

November 27, 2018, Rev. 1:

- Applicability has been updated to include 2018 – 2019 model year GS300, IS300, NX300, and RC300 vehicles.
- The entire bulletin has been updated.

Any previous printed versions of this bulletin should be discarded.

INTRODUCTION:

Some 2015 – 2019 model year Lexus vehicles equipped with the 8AR engine may exhibit a rocking (forward and back) sensation that can be felt between 48 and 112 km/h (30 and 70 mph) under steady moderate/high throttle input. Follow the Repair Procedure in this bulletin to address this condition.

PRODUCTION CHANGE INFORMATION:

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

MODEL	PLANT	ENGINE	PRODUCTION CHANGE EFFECTIVE VIN
GS	Motomachi	8AR	JTHBA1BL#JA008246
IS	Tahara		JTHBA1D2#J5083372
RC			JTHHA5BC#J5008762
NX	Kyushu		JTJYARBZ#K2129000



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WARRANTY INFORMATION:

OP CODE	MODEL	DESCRIPTION	TIME	OFP	CLAIM TYPE	T1	T2
EM1705	GS, IS, RC	R & R Vacuum Regulating Valve and No. 1 Vacuum Transmitting Hose Assembly	0.5	25760-36050	VE	87	55
	NX		0.9	25760-36040			

APPLICABLE WARRANTY

- This repair is covered under the Lexus Basic Warranty. This warranty is in effect for 48 months from the vehicle's warranty registration date or 80,000 kilometres, whichever occurs first.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

PARTS INFORMATION:

MODEL	PART NUMBER		PART NAME	QTY
	PREVIOUS	NEW		
ALL	25819-0W010		Valve, Vacuum Regulating	1
NX	25760-36040	25760-36041	Hose Assy, Vacuum Transmitting, No. 1	1
GS, IS, RC	25760-36050	25760-36051	Hose Assy, Vacuum Transmitting, No. 1	1



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REPAIR PROCEDURE:

1. Confirm the condition.

Is AT LEAST one of the following conditions present?

- A buzzing noise is present from the Vacuum Regulating Valve (VRV).

HINT

Unplug the VRV and observe if the noise is no longer present.

- A forward and back rocking sensation that can be felt between 48 and 112 km/h (30 and 70 mph) under steady moderate/high throttle input?

HINT

The turbo boost gauge equipped ONLY on F-Sport vehicles MAY fluctuate erratically during the surge condition.

- **YES** — Continue to step 2.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

2. Remove and replace the Vacuum Regulating Valve.

Refer to TIS, applicable model and model year Repair Manual:

- 2018 – 2019 GS300:
Engine/Hybrid System – Emission Control – “8AR-FTS Emission Control: Vacuum Regulating Valve: Removal / Installation”
- 2016 – 2017 IS 200t:
Engine/Hybrid System – Emission Control – “8AR-FTS Emission Control: Vacuum Regulating Valve: Removal / Installation”
- 2018 – 2019 IS300:
Engine/Hybrid System – Emission Control – “8AR-FTS Emission Control: Vacuum Regulating Valve: Removal / Installation”
- 2015 – 2017 NX 200t:
Engine/Hybrid System – Emission Control – “8AR-FTS Emission Control: Vacuum Regulating Valve: Removal / Installation”
- 2018 – 2019 NX300:
Engine/Hybrid System – Emission Control – “8AR-FTS Emission Control: Vacuum Regulating Valve: Removal / Installation”
- 2018 – 2019 RC300:
Engine/Hybrid System – Emission Control – “8AR-FTS Emission Control: Vacuum Regulating Valve: Removal / Installation”

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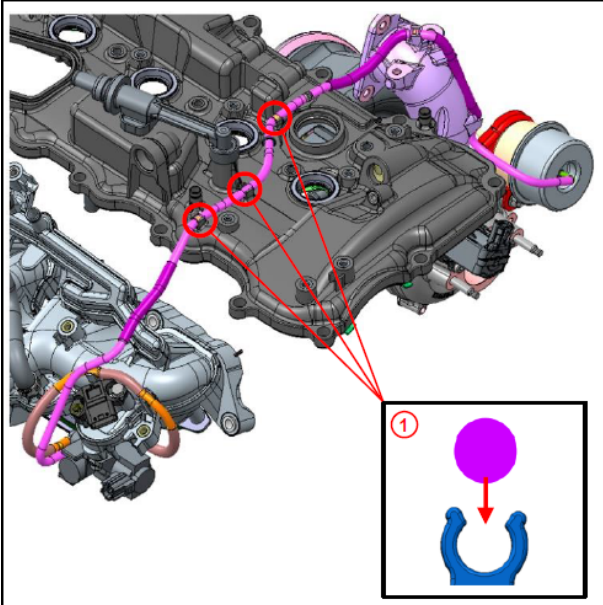
REPAIR PROCEDURE (CONTINUED):

- Replace the No. 1 vacuum transmitting hose with the NEW No. 1 vacuum transmitting hose. Follow the routing as shown in Figure 2.

HINT

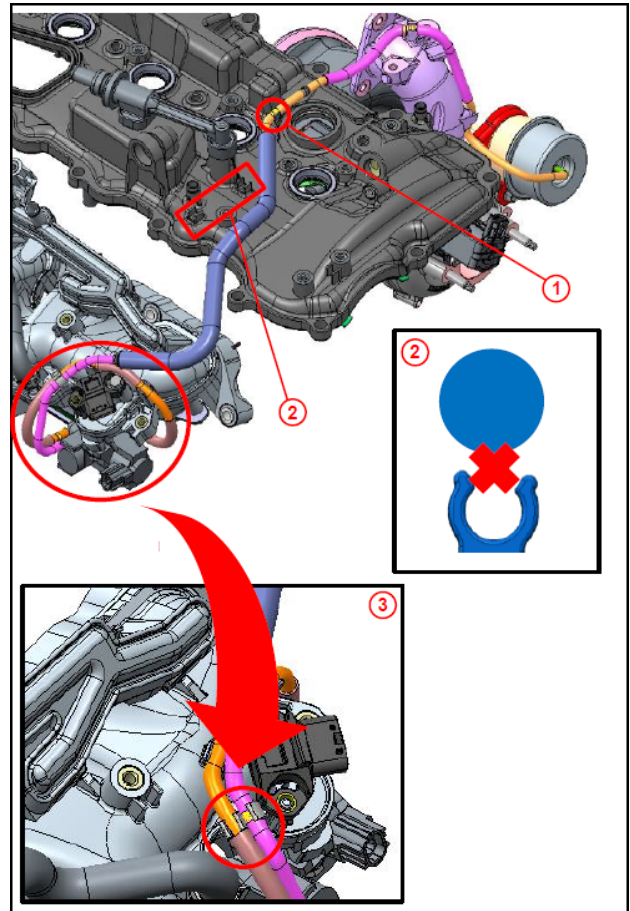
Figure 1 shows the routing of the previous No. 1 vacuum transmitting hose.

Figure 1. Previous No. 1 Vacuum Transmitting Hose Routing



- | | |
|----------|--|
| 1 | No. 1 Vacuum Transmitting Hose Clamped to Cylinder Head Cover at Three Portions |
|----------|--|

Figure 2. New No. 1 Vacuum Transmitting Hose Routing



- | | |
|----------|---|
| 1 | No. 1 Vacuum Transmitting Hose Clamped to Cylinder Head Cover at One Portion |
| 2 | Cylinder Head Covers Incompatible With New No. 1 Vacuum Transmitting Hose |
| 3 | Additional Clamp Point (No. 1 Vacuum Transmitting Hose is Clamped to Other Hose by Using Hose Clamp) |

- Confirm the condition is no longer present.



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NOTE:

Issue of this Technical Service Bulletin is to ensure that proper repair information is available.
IT DOES NOT CONSTITUTE AN AUTHORIZATION FOR REPAIR. Normal provisions of the formal warranty policy, as applicable, will apply.