

# MIL "ON" DTC P030# After Cold Soak

**Service Category** Engine/Hybrid System

**Section** Engine Mechanical

**Market** USA

Lexus Supports  
ASE Certification 

## Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2011 – 2013	CT200H	

## Introduction

Some 2011 – 2013 model year CT 200h vehicles may exhibit one or more of the following conditions at initial engine start after cold soak in temperatures below 40°F (4.5°C):

- MIL "ON" with Diagnostic Trouble Codes (DTCs) P0300, P0301, P0302, P0303. and/or P0304.
- Initially runs rough.
- Loud engine knock or rattle noise.

## Production Change Information

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

MODEL	ENGINE	PLANT	PRODUCTION CHANGE EFFECTIVE VIN
CT 200h	2ZR-FXE	TMK	JTHKD5BH#D2131695

## Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
17120-37050 17120-37051 17120-37052	17120-37054	Manifold Assy, Intake	1

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### Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
170011	R & R Intake Manifold Assembly	1.7	17120-37050 17120-37051 17120-37052	8A	88

#### APPLICABLE WARRANTY

- This repair is covered under the Lexus Powertrain Warranty. This warranty is in effect for 72 months or 70,000 miles, whichever occurs first, from the vehicle's in-service date.
- For California specification vehicles sold, registered, and operated in Arizona ('12 MY only), California, Connecticut, Maine, Massachusetts, Maryland, New Jersey, New Mexico ('11 MY only), Oregon, Pennsylvania, Rhode Island, Vermont, and Washington, this repair is covered under the California Emission Warranty. This warranty is in effect for 84 months or 70,000 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.

### Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*	ADE	TS2UNIT	1
TIS Techstream		TSPKG1	
Techstream Lite		TSLITEDLR01	

\* Essential SST.

#### NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 7.31.003 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

REQUIRED MATERIAL	PART NUMBER	QTY
Super Long Life Coolant (SLLC)	00272-SLLC2	w/Exhaust Heat Recirc: 7.6 Qts (7.2 Liters)
		w/o Exhaust Heat Recirc: 6.8 Qts (6.4 Liters)

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### Repair Procedure

1. Use Techstream to check for DTCs, and confirm the condition per the Introduction.
2. Remove and replace the intake manifold with the updated part.

Refer to the Technical Information System (TIS), applicable model and model year Repair Manual:

- 2011 CT 200h:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake / Exhaust: Intake Manifold: [Removal](#) / [Installation](#)*
  - 2012 CT 200h:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake / Exhaust: Intake Manifold: [Removal](#) / [Installation](#)*
  - 2013 CT 200h:  
*Engine/Hybrid System – Intake/Exhaust – “2ZR-FXE Intake / Exhaust: Intake Manifold: [Removal](#) / [Installation](#)*
3. Clear the DTC(s) and verify normal vehicle operation.