


Automatic Transmission/Transaxle Fluid Level Inspection Temperature Ranges

Service Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2007 – 2008	ES350	Transmission(s): 6AT
2006	GS300	Transmission(s): 6AT
2007 – 2008	GS350	Transmission(s): 6AT
2006 – 2007	GS430	Transmission(s): 6AT
2008	GS460	Transmission(s): 8AT
2004 – 2008	GX470	Transmission(s): 5AT
2008	IS F	Transmission(s): 8AT
2006 – 2008	IS250	Transmission(s): 6AT
2006 – 2008	IS350	Transmission(s): 6AT
2004 – 2006	LS430	Transmission(s): 6AT
2007 – 2008	LS460	Transmission(s): 8AT
2004 – 2007	LX470	Transmission(s): 5AT
2008	LX570	Transmission(s): 6AT
2006 – 2008	SC430	Transmission(s): 6AT

Introduction

For vehicles equipped with a transmission requiring the use of the overflow type automatic transmission fluid (ATF) inspection process, the ATF must be within a specific temperature range for accurate fluid level inspection. Inspecting the ATF outside of the specified temperature range may result in incorrect ATF fluid levels and could lead to shift quality, M.I.L. "ON", and/or transmission damage issues. Please see the information in this bulletin for updated ATF level inspection temperature ranges.

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Introduction (Continued)

HINT

For additional information including animations and video illustrations, please see the Technical Training course L076: *“Lexus ATF Level Inspection”*.

NOTE

Please see TSIB No. [TC008-07](#), *“World Standard Automatic Transmission Fluid”*, for important tips when working with ATF WS.

Warranty Information

OP CODE	DESCRIPTION	TIME	ONP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
00289-ATFWS	Same	ATF WS	As needed

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
TIS Techstream* NOTE: Software version 4.00.017 or later is required.	ADE	TSPKG1	1

* Essential SST.

NOTE

Additional TIS Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Transmission Fill System*	00002-11100-02	1

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

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ATF Level Inspection Temperature Range Table

MODEL	ENGINE	DRIVE-LINE	TRANS/TYPER		ATF TEMPERATURE RANGE °F (°C)									
					2008		2007		2006		2005		2004	
					MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
ES 350	2GR-FE	2WD	U660E	6AT	104° (40°)	113° (45°)	104° (40°)	113° (45°)	-	-	-	-	-	-
GS 300	3GR-FSE	2WD	A960E		-	-	-	-	115° (46°)	133° (56°)	-	-	-	-
		4WD	A760H		-	-	-	-	109° (43°)	127° (53°)	-	-	-	-
GS 350	2GR-FSE	2WD	A760E		102° (39°)	120° (49°)	102° (39°)	120° (49°)	-	-	-	-	-	-
		4WD	A760H		104° (40°)	124° (51°)	104° (40°)	124° (51°)	-	-	-	-	-	-
GS 430	3UZ-FE	2WD	A761E		-	-	115° (46°)	133° (56°)	115° (46°)	133° (56°)	-	-	-	-
GS 460	1UR-FSE	2WD	AA80E	8AT	95° (35°)	108° (42°)	-	-	-	-	-	-	-	-
GX 470	2UZ-FE	4WD	A750F	5AT	97° (36°)	115° (46°)	97° (36°)	115° (46°)	97° (36°)	115° (46°)	97° (36°)	115° (46°)	97° (36°)	115° (46°)
IS 250	4GR-FSE	2WD	A960E	6AT	115° (46°)	133° (56°)	115° (46°)	133° (56°)	115° (46°)	133° (56°)	-	-	-	-
		4WD	A760H		122° (50°)	138° (59°)	122° (50°)	138° (59°)	122° (50°)	138° (59°)	-	-	-	-
IS 350	2GR-FSE	2WD	A760E		102° (39°)	120° (49°)	102° (39°)	120° (49°)	102° (39°)	120° (49°)	-	-	-	-
IS-F	2UR-GSE	2WD	AA80E	8AT	95° (35°)	108° (42°)	-	-	-	-	-	-	-	-
LS 430	3UZ-FE	2WD	A761E	6AT	-	-	-	-	115° (46°)	133° (56°)	115° (46°)	133° (56°)	115° (46°)	133° (56°)
LS 460	1UR-FSE	2WD	AA80E	8AT	95° (35°)	108° (42°)	95° (35°)	108° (42°)	-	-	-	-	-	-
LX 470	2UZ-FE	4WD	A750F	5AT	-	-	97° (36°)	115° (46°)	97° (36°)	115° (46°)	97° (36°)	115° (46°)	97° (36°)	115° (46°)
LX 570	3UR-FE	4WD	AB60F	6AT	109° (43°)	118° (48°)	-	-	-	-	-	-	-	-
SC 430	3UZ-FE	2WD	A761E		115° (46°)	133° (56°)	115° (46°)	133° (56°)	115° (46°)	133° (56°)	-	-	-	-