

Harsh 2-1 Downshift When Coming to a Stop

Service
Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006	GS300	Drive Type(s): 2WD, 4WD Transmission(s): 6AT VDS(s): BH96S, CH96S

Introduction

Some 2006 Model year GS300 vehicles may exhibit a harsh 2-1 downshift when coming to a stop. Use the repair procedure in this bulletin to address this condition.

Parts Information

PREVIOUS PART NUMBER	CURRENT PART NUMBER	PART NAME	QTY
89666-30351	89661-30W70	Engine Control Computer	1
89666-30361	89661-30W80		
89666-30354	89666-30355		
89666-30364	89666-30365		

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
895011	R & R ECM	0.6	89666-30351	26	73
			89666-30361		
			89666-30354		
			89666-30364		

APPLICABLE WARRANTY

- This repair is covered under the Lexus Federal Emission Warranty. This warranty is in effect for 96 months or 80,000 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.

Harsh 2-1 Downshift When Coming to a Stop

Repair Procedure

1. Test drive the vehicle and confirm the condition.
2. Is there a harsh 2-1 downshift at slow speeds when coming to a stop?
 - YES – Go to Step 3.
 - NO – This Service Bulletin does NOT apply continue diagnoses per the Repair Manual.
3. Replace the ECM.

NOTE

Before replacing the ECM for this issue, perform basic transmission checks including fluid level inspection to confirm there are no other transmission related issues.

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

- 2006 GS300:
*Engine/Hybrid System – Engine Control – ECM – “3GR-FSE Engine Control System:
ECM: Removal / Installation”*
4. Test drive and confirm the repair.