

ATM Manual Shift Lever / Park Neutral Position Switch Installation

Service Category Drivetrain

Section Automatic Transmission/Transaxle

Market USA

Lexus Supports
ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2006	GS300	Transmission(s): 6AT
2007 – 2011, 2013 – 2015	GS350	Transmission(s): 6AT
2006 – 2007	GS430	Transmission(s): 6AT
2010 – 2015	GX460	Transmission(s): 6AT-F
2003 – 2009	GX470	Transmission(s): 5AT
2006 – 2015	IS250, IS350	Transmission(s): 6AT
2010 – 2015	IS250C, IS350C	Transmission(s): 6AT
2004 – 2006	LS430	Transmission(s): 6AT
2003 – 2007	LX470	Transmission(s): 5AT
2008 – 2011, 2013 – 2015	LX570	Transmission(s): 6AT
2015	RC350	Transmission(s): 6AT-F
2006 – 2010	SC430	Transmission(s): 6AT

REVISION NOTICE

October 16, 2014 Rev1:

- **Applicability has been updated to include 2013 – 2015 model year applicable Lexus vehicles.**
- **The Installation Tips section has been updated.**

Any previous printed versions of this bulletin should be discarded.

ATM Manual Shift Lever / Park Neutral Position Switch Installation

Introduction

The purpose of this bulletin is to provide information regarding transmission and/or park neutral position switch installation. If the manual shift lever is rotated prior to installing the park neutral position switch, the detent spring may become detached from the manual shift lever. Use the information in this bulletin when installing an automatic transmission and/or park neutral position switch assembly.

Warranty Information

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

Installation Tips

- When performing automatic transmission/park neutral position switch service, take care that the manual shift lever is NOT rotated prior to installing the park neutral position switch.
- If the manual shift lever is rotated without the park neutral position switch installed, the detent spring may become detached from the manual shift lever. See Figures 1 and 2 below.

Figure 1. Detent Spring Detached from Manual Shift Lever (Transmission Oil Pan Removed for Clarity)

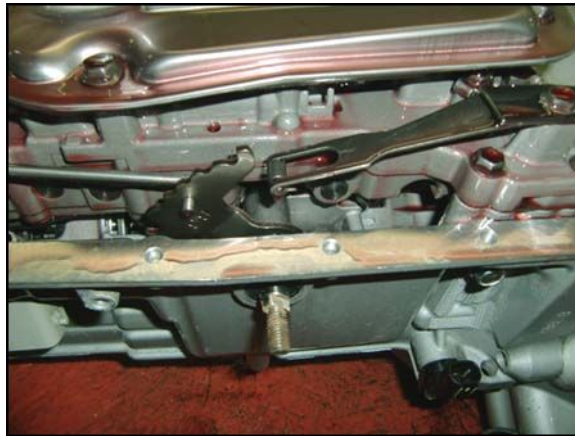


Figure 2. Detent Spring in Place on Manual Shift Lever (Transmission Oil Pan Removed for Clarity)



- If the detent spring becomes detached from the manual shift lever, remove the detent spring and reinstall on the manual shift lever. See Figures 1 and 2.

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Installation Tips (Continued)

NOTICE

Do NOT attempt to force the manual shift lever into position with the detent spring installed. This may damage the detent spring. The detent spring must be removed when repositioning the manual shift lever.

Basic Procedure:

1. Remove transmission oil pan.
2. Remove detent spring.
3. Reposition and install detent spring on manual shift lever.
4. Reinstall transmission oil pan.
5. Install park neutral position switch.
6. Confirm proper operation.