

# Technical Bulletin

Division: Automotive  
 Category: Technical

Section Title: Suspension  
 TSB No. TS 03 12117

**SUBJECT:** LOOSE OR NOISY WHEEL HUB FRONT OR REAR  
**MODEL(S):** GRAND VITARA (JB627)  
**YEAR:** 2006~2007  
**AFFECTED VIN(S):** ~MAY 31, 2007  
 ~JS3TE944074205497  
 ~JS3TE941474203824  
 ~JS3TE947674202355  
 ~JS3TD944074204191  
 ~JS3TD941774205344  
 ~JS3TD947374205135

**CONDITION:** Noise coming from wheel hub area while driving or looseness of wheel hub.

**CAUSE:** The axle shaft nut may loosen due to play between the inside spline of the wheel hub and axle shaft assembly.

**CORRECTION:** A new part number is now available in which the spline dimension for the wheel hub has been modified. Also the torque for the axle nut is changed from 200 Nm (148lb-ft) to 220 Nm (162 lb-ft). Follow the appropriate service manual procedure to replace the affected hub as needed with the updated part. Secure the axle with a new nut using the torque specification of 220 Nm (162 lb-ft).

**AFFECTED SERVICE MANUAL(S):**

MANUAL NAME	PART NUMBER(s)	Note
2006~2007 Grand Vitara (JB627) Service Manual	99500S66J00-33E 99500S66J10-33E	Please use the torque specification above when servicing the front and rear hub axle nuts.

Technical Service Department  
 Dealership Circulation - Initial and file:

Service Manager	Parts Manager	Service Advisor	Technicians						

Suzuki bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer." They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your authorized Suzuki dealer for information on whether your vehicle may benefit from the information. Suzuki reserves the right to change technical specifications at any time without prior notice.

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**PART(S) INFORMATION:**

<b>Part Numbers</b>	<b>Description</b>	<b>QTY</b>	<b>Notes</b>
43401-65J02	Hub Assy., Wheel	1	<b>Order as needed.</b>
43459-65J00	Nut, Front Axle	1	<b>Order as needed.</b>

**WARRANTY INFORMATION:**

	<b>Labor Operation</b>	<b>Description</b>	<b>Failed Part Number</b>	<b>Complaint Code</b>	<b>Defect Code</b>	<b>Labor Time</b>
Front	HD06R0	Wheel Hub Assy. One Side	43401-65J01	84	45	0.9 Hrs.
	HD06R0,1	Opposite Side				0.5 Hrs.
Rear	HL07R0	Wheel Hub Assy. One Side	43401-65J01	84	45	1.2 Hrs.
	HL07R0,1	Opposite Side				1.0 Hrs.