



# SERVICE BULLETIN

Classification: MT97-002a	Reference: NTB97-009a	Date: June 15, 1998
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## FS5R30A TRANSMISSION WHINE

This amended version of NTB97-009 updates the Parts Information and the Claims Information.  
Please discard all paper copies of NTB97-009.

<b>APPLIED VEHICLES:</b>	1987-1995 Pathfinder (WD21) 4WD only 1986.5-1995 Truck (D21) 4WD only
<b>APPLIED DATE:</b>	Transmissions built before April 1, 1996
<b>APPLIED ENGINE #:</b>	VG30
<b>APPLIED TRANSMISSION #:</b>	Transmissions built before R30A-2400001

### SERVICE INFORMATION

If an R30A transmission exhibits a whine noise while driving in all forward gears except 4<sup>th</sup> which is more pronounced at slow speeds, the incident may be caused by lack of lubrication to the main and counter drive gears. This noise may occur particularly on acceleration and/or climbing hills.

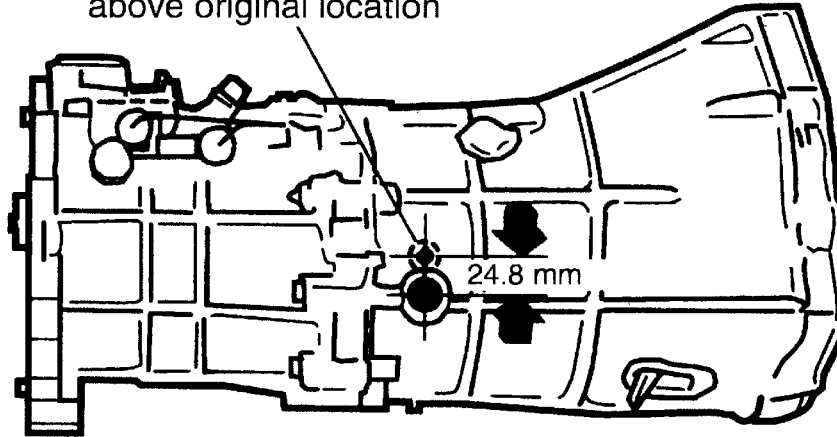
A countermeasure transmission case is available to resolve this incident.

### SERVICE PROCEDURE

1. Verify the incident occurs under the driving conditions described above.
2. If the noise is verified, disassemble the transmission.
3. Replace the counter and main gears with new parts. Refer to the parts catalog.
4. Install a countermeasure transmission case, P/N 32101-01G11 (former P/N 32101-01G10). When installing the transmission case, note the following changes to the transmission case and fluid levels:
  - The transmission oil level has been increased from  $3.6 \pm 0.1$  L to  $5.1 \pm 0.1$  L (an increase of 1.5 L) to prevent lack of lubrication.
  - The oil filler plug has been relocated to compensate for the oil level increase (refer to Figure 1 on page 2 of this bulletin).
  - The oil filler boss shape has been changed.

**CAUTION:** When installing the sub-gear and counter gear, make sure they are correctly aligned. Do not scratch any of the gear contact surfaces.

Oil filler plug relocated 24.8 mm (0.97 in.)  
above original location



TC960710

Figure 1

**PARTS INFORMATION**

DESCRIPTION	APPLIED VEHICLE	PART NUMBER		QTY
		Former	Countermeasure	
Transmission case assembly	D21 / D21U / WD21	32101-01G10	32101-01G11	1

**CLAIMS INFORMATION**

If applicable, submit a Primary Failed Part (PP) line using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
R&I Manual Transmission Assy	32101-01G11	HC01AA	BC	69	6.8 hrs.
RPL Transmission Case		HC041A			0.7 hrs.