



SERVICE BULLETIN

Classification: TF02-001	Reference: NTB02-019	Date: February 19, 2002
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1999-2002 FRONTIER & 2000-2002 XTERRA "BEARING NOISE" FROM TRANSFER CASE AREA

APPLIED VEHICLES: 1999-2002 Frontier (D22)
2000-2002 Xterra (WD22)

SERVICE INFORMATION

If an Applied Vehicle exhibits the following symptom:

"Bearing noise" (rumbling noise) coming from the bottom of the vehicle

- when the transfer case is in 4WD High and
- throttle application is light with speed between 15 and 35 MPH,

The original transfer case companion flange dust cover may be amplifying the sound of the bearing.

- A replacement companion flange designed to dampen the noise emitted from the bearing, should it occur, has been developed (see Figure 1).
- Use the Service Procedure provided in this bulletin to verify and repair this incident, if it should occur.

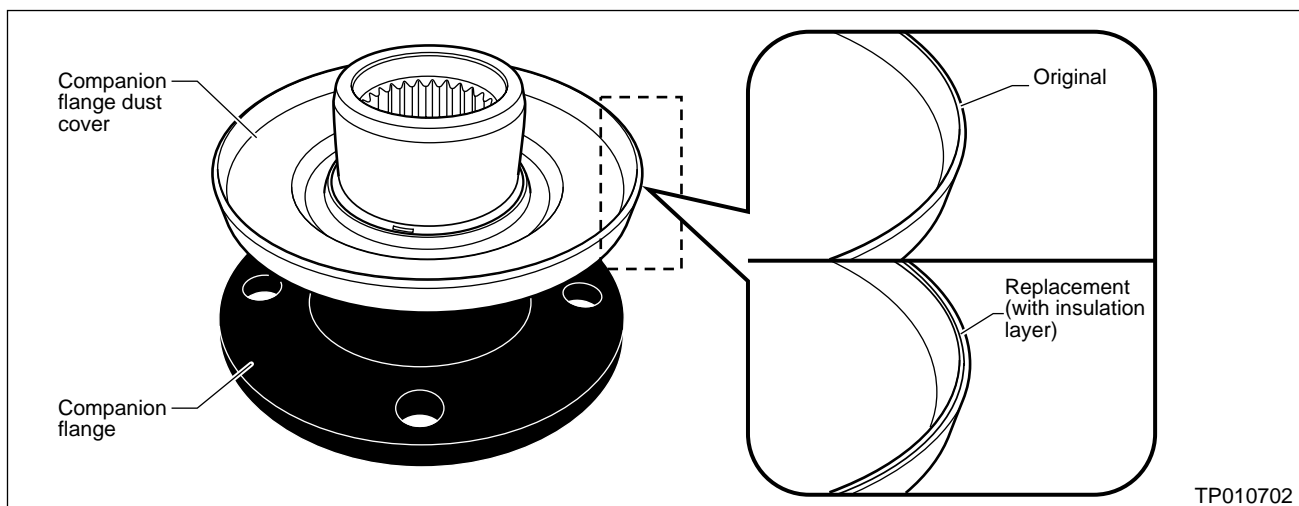


Figure 1

TP010702

SERVICE PROCEDURE

1. Put the vehicle up on a hoist and while in 4WD High use a “stethoscope” to verify that “bearing noise” is occurring.
 - A. If the noise is occurring in locations other than the transfer case assembly companion flange, this bulletin does not apply. Use the appropriate Frontier/Xterra Electronic Service Manual (ESM) to investigate other causes for the noise.
 - B. If noise is occurring from the transfer case assembly companion flange, proceed to Step 2, below.
2. Remove the original transfer case assembly companion flange. Reference the Electronic Service Manual (ESM), Section TF (Transfer)/ON-VEHICLE SERVICE/Replacing Oil Seal/FRONT CASE OIL SEAL.
3. Install the replacement companion flange and self-locking nut (see the PARTS INFORMATION section for more information) and re-assemble the parts removed in Step 2 in reverse order. Torque the self-locking nut to 226-324 N-m (23.0-33.0 kg-m, 166-239 ft-lbs.)
4. Test drive the vehicle to verify the noise is reduced.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Companion Flange, Transfer Case	33210-4W100	1
Transfer Case, Self-locking Nut	38216-31G00	1

CLAIMS INFORMATION

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Companion Flange	33210-4W100	KB78AA	ZL	32	(1)

(1) Reference the current Nissan “Warranty Flat Rate Manual” and use the indicated FRT.

