**NUMBER:** 03-07-00  
**GROUP:** Propeller Shaft  
**DATE:** Sep. 8, 2000

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**SUBJECT:**  
Noise/Vibration In Drivetrain And/Or Front Propeller Shaft Constant Velocity Boot Integrity

**OVERVIEW:**  
This bulletin involves the replacement of the front propeller shaft.

**MODELS:**  
2001 (AN) Dakota  
2001 (DN) Durango

**NOTE:**  
THIS BULLETIN APPLIES TO VEHICLES EQUIPPED WITH FOUR WHEEL DRIVE BUILT BEFORE AUGUST 8, 2000 (MDH 0809XX).

**SYMPTOM/CONDITION:**  
Loss of lubricant may occur at the front propeller shaft constant velocity joint boot. One possible cause of this condition may be a partially crimped boot to the joint housing. Another cause of this condition may be a damaged (punctured) boot.

The customer may notice a noise, or a vibration, in the drivetrain while driving. Closer inspection of the front propeller shaft may reveal the spray of CV joint lubricant on to other vehicle components.

**DIAGNOSIS:**  
1. Raise and support the vehicle. Shift the transfer case into its Neutral position.  
2. Carefully inspect for a puncture or damage to the CV boot. Often the damage can be located in the recessed (bend) area of the boot (Figure 1). The boot should be flexed, by rotating the propeller shaft. Close inspection may be required to locate this condition.  
3. Carefully inspect the crimp used to secure the outer perimeter of the CV joint boot to the CV joint housing (Figure 2).  
4. If the front propeller shaft CV joint boot is damaged or partially crimped, then perform the Repair Procedure.

**PARTS REQUIRED:**  
1 52105981AC Shaft, Propeller (Manual Transmission)  
1 52105982AC Shaft, Propeller (Automatic Transmission)

**REPAIR PROCEDURE:**  
1. Using the appropriate Dakota or Durango Service Manual - Group 3, Propeller Shafts, replace the front propeller shaft.
FIGURE 1
1 – Puncture To Constant Velocity Boot
2 – Constant Velocity Joint On Front Propeller Shaft

FIGURE 2
1 – Partial Crimp Of CV Joint Boot To Joint Housing
2 – Constant Velocity Joint

POLICY: Reimbursable within the provisions of the warranty.
TIME ALLOWANCE:
Labor Operation No:
  16-30-01-93 (Shaft, Replace Front) ................................................ 0.6 Hrs
  16-30-01-60 (Optional Skid Plate) ................................................ 0.2 Hrs

FAILURE CODE:  P8 – New Part