



**Ford FWD
AX4S
Repeated O/D Band
Failure**

File: AX4S
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Repeated Overdrive Band Failure

Chuck Stasny, Houston, TX experienced a problem with two AX4S vehicles (Windstar and Taurus) that came into his shop recently with overdrive band failures. The failure in both vehicles turned out to be due to a worn servo pin bore. Identifying a worn servo pin bore is not an easy thing to detect.

After rebuild on the Windstar, Chuck performed pressure testing to try and identify the problem. By drilling and tapping an old servo cover and comparing line pressure to overdrive pressure read at servo cover. Chuck was able to see that the OD pressure was 30-40psi at 60MPH while the line pressure was much higher. The Taurus had similar pressures.

Chuck handled the repair of these vehicles differently.

On the Taurus, he installed the SF-99 Servo Pin Bore Repair System from Northland Transmission for the fix.

On the Windstar, the unit was in the vehicle and to use the servo bore repair kit would require pulling it out. Chuck decided to try installing 4L60 servo pin seals to stop the leakage. He took the servo pin to a machine shop and told them to copy the groove on the 4L60 servo pin which he brought with him.

Both vehicles worked perfectly. So, according to Chuck it is possible to make this fix after installation, if you check and find low overdrive pressure.

For more information on the Northland Servo Pin Bore Repair System go to www.servobore.com or contact Northland Transmission (715) 458-2617.

Thanks Chuck!

For your tip on a fix for an AX4S Band Failure!

Your \$50.00 check is on the way.

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