



## FORD AXODE (AX4S)

### HARSH 1-2 UPSHIFT, OR FLARE ON 1-2 UPSHIFT

**COMPLAINT:** Some 1995-Up Ford Windstar Vans may exhibit a harsh 1-2 upshift, either before and/or after overhaul of the transaxle. Some 1995-Up Ford Taurus, Mercury Sable or Lincoln Continental may exhibit a soft or flare on the 1-2 upshift either before or after overhaul.

**CAUSE:** The cause may be, a valve body spacer plate designed for the Taurus, Sable, Continental passenger car family, has been installed on a Windstar Van, creating a harsh 1-2 upshift. If the Windstar Van valve body spacer plate, is installed on the Taurus, Sable, Continental family of vehicles, the result will be a soft or flared 1-2 upshift. ***Obviously these two spacer plates are different.*** Refer to Figures 1 and 2, using the two holes over the 1-2 capacity modulator valve area, for identification.

**CORRECTION:** Install the proper valve body spacer plate for the Ford family that you happen to be servicing at this time. Refer to the illustration in Figure 1 to identify the valve body spacer plate for the Windstar Van. Refer to the illustration in Figure 2 to identify the valve body spacer plate for the Taurus, Sable and Continental family.

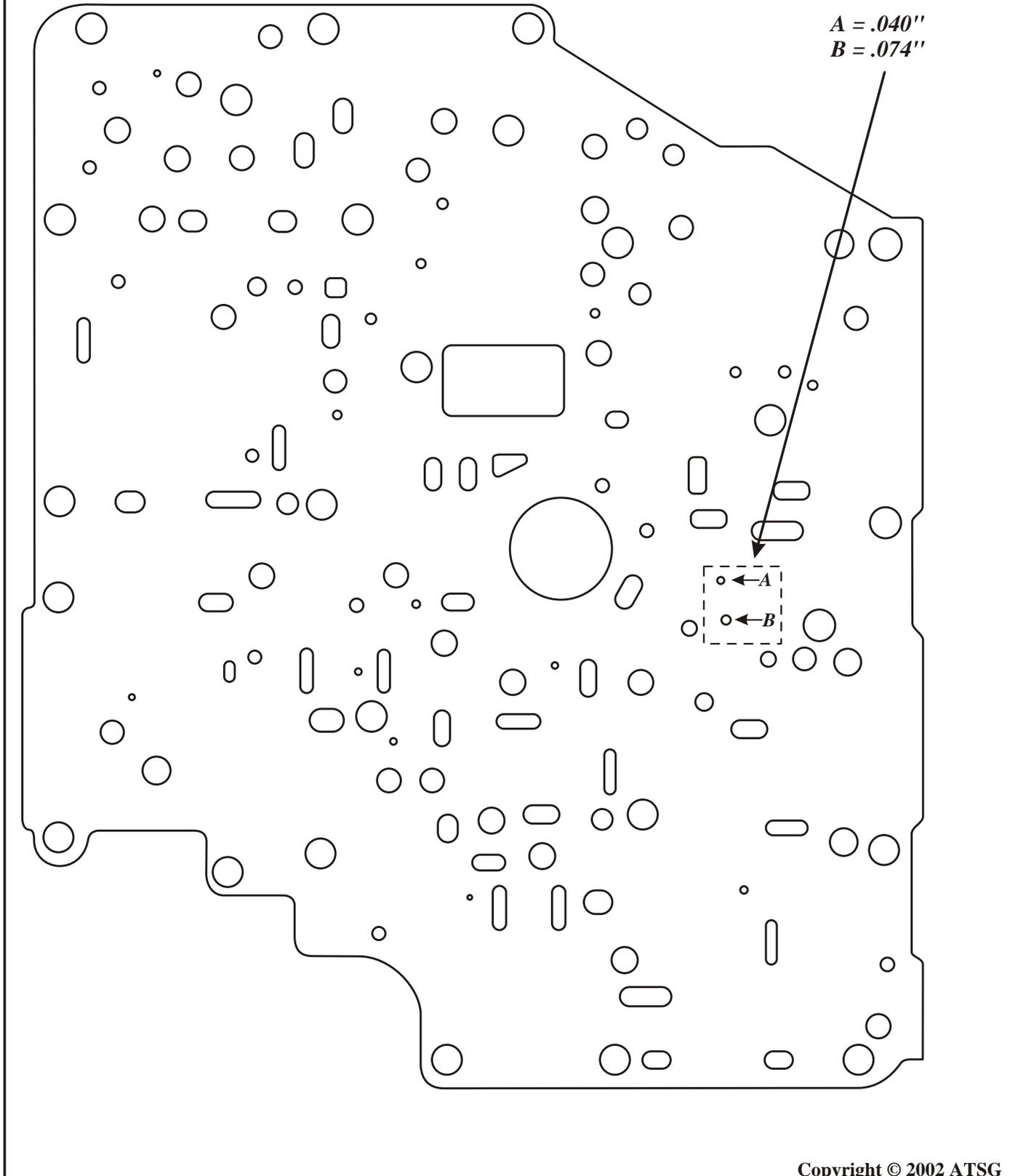
***Special Note: The valve bodies and castings are exactly the same in the 1-2 capacity modulator valve area, but the valve body casting and spacer plate changed again in 1999 in a different area. These same concerns may be encountered by changing a complete valve body, that included a spacer plate, trying to fix a totally different concern. Use Figures 1 and 2, using the two holes over the 1-2 capacity modulator valve area, to identify the valve body spacer plates. Refer to the chart in Figure 3 for OEM part numbers.***

#### SERVICE INFORMATION:

OEM part numbers are found in Figure 3 and are also available from some suppliers.

***Many Thanks To:  
"Dynamic Dino"  
Lee Myles, New York***

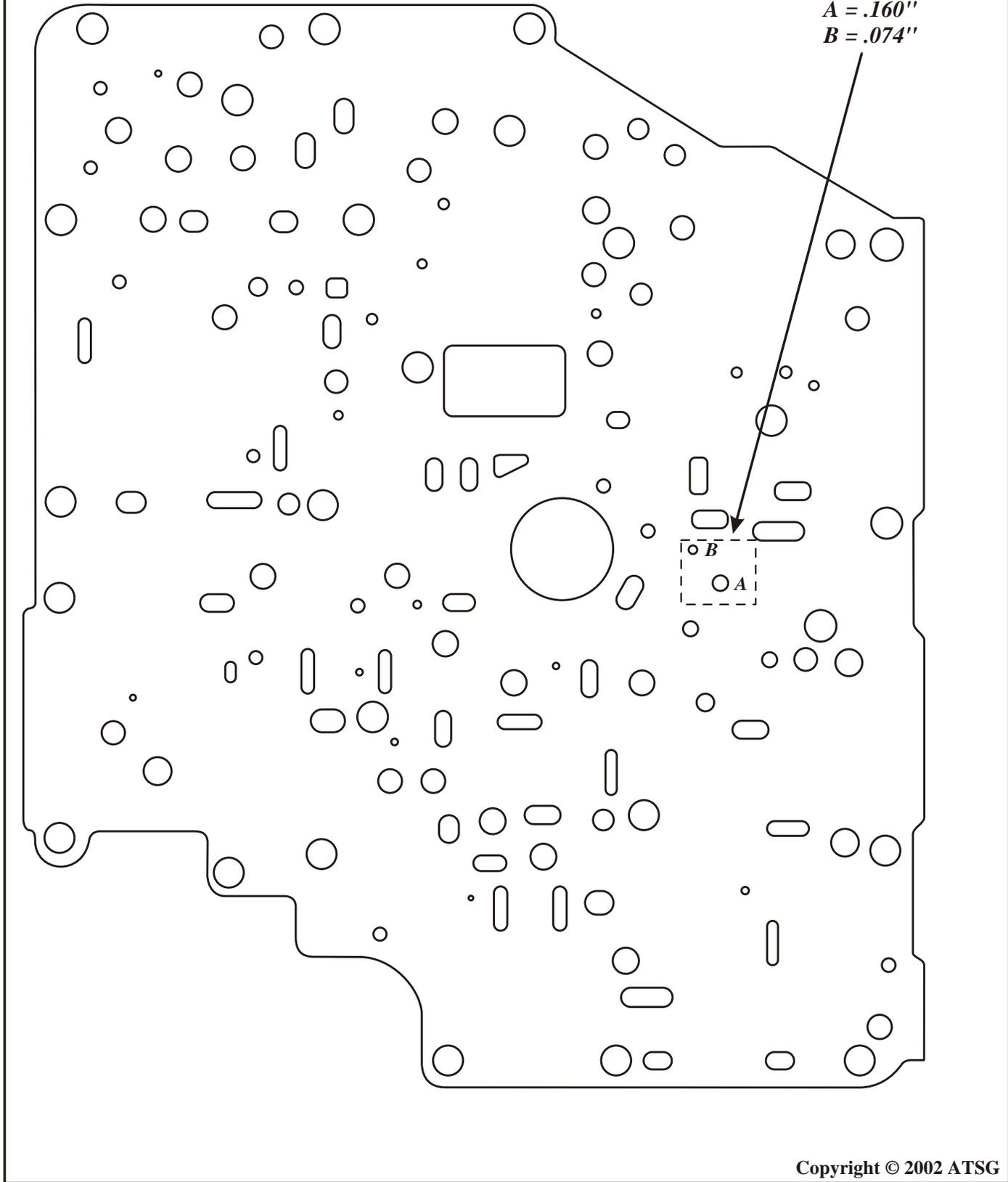
"WINDSTAR" SPACER PLATE IDENTIFICATION



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Figure 1

"TAURUS FAMILY" SPACER PLATE IDENTIFICATION



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Figure 2



# Technical Service Information

## AXODE (AX4S) PUMP AND VALVE BODY SPACER PLATE IDENTIFICATION

### AX4S BONDED PUMP SPACER PLATES

<i>OEM Part Number</i>	<i>Code</i>	<i>Application</i>	<i>Model Year</i>	<i>Engine</i>
F5DZ-7R167-A	AH	<i>Lincoln Continental</i>	1994	3.8L
		<i>Ford Taurus/Sable and Windstar</i>	1994-1995	ALL
F58Z-7R167-A	51	<i>Ford Windstar</i>	1995-1998	3.0L
		<i>Ford Windstar, Ford Taurus/Sable</i>	1996-1998	3.8L
X2FZ-7R167-AA	99	<i>Ford Windstar, Ford Taurus/Sable</i>	1999-2002	3.0L/3.8L

### AX4S BONDED VALVE BODY SPACER PLATES

<i>OEM Part Number</i>	<i>Code</i>	<i>Application</i>	<i>Model Year</i>	<i>Engine</i>
F5DZ-7Z490-B	31	<i>Ford Taurus SHO</i>	1994-1995	3.2L
F5DZ-7Z490-C	40	<i>Ford Taurus/Sable</i>	1994-1995	3.0L
F5DZ-7Z490-D	41	<i>Lincoln Continental</i>	1994	3.8L
		<i>Ford Taurus/Sable</i>	1994-1995	3.8L
F58Z-7Z490-A	58	<i>Ford Windstar</i>	1995	3.8L
F58Z-7Z490-B	53	<i>Ford Windstar</i>	1995	3.0L
F6DZ-7Z490-FB	42(97)*	<i>Ford Taurus/Sable</i>	1996-1998	3.0L
F68Z-7Z490-A	47(67)*	<i>Ford Windstar</i>	1996-1997	3.8L
F88Z-7Z490-AA	98	<i>Ford Windstar</i>	1998	3.0L/3.8L
XF2Z-7Z490-AA	99	<i>Ford Taurus/Sable</i>	1999	3.0L
XF2Z-7Z490-AA	99	<i>Ford Windstar (W/VB's XD29-AB/AC/BB)</i>	1999	3.0L/3.8L
YF1Z-7Z490-AA	00	<i>Ford Taurus/Sable</i>	2000-2002	3.0L

*OEM Part Number F6DZ-7Z490-FB has a "42" code and replaces the "97" code, as the "97" code spacer plate is no longer available.*

*OEM Part Number F68Z-7Z490-A has a "47" code and replaces the "67" code, as the "67" code spacer plate is no longer available.*

**CAUTION:** *Part Numbers are subject to change or supersede without notice.*

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Figure 3