



# Technical Service Information

## FORD ATX DELAYED OR NO 1-2 SHIFT

**COMPLAINT:** Some 1987-1990 Escort, Taurus, and some 1987-1993 Tempo vehicles may exhibit an intermittent or no 1-2 upshift, or a delayed (Higher Than Normal) 1-2 upshift. This condition usually occurs during the initial drive away after extended or overnight parking, and may correct itself and perform normally after warming up.

**CAUSE:** The cause may be the TV modulator spring turning around in the 1-2 shift bore in the valve body.

**CORRECTION:** Install a new design TV modulator spring retainer plate, OEM number F23Z-7F194-A, which has a "Dimple" on the retainer to prevent the spring from turning around in the bore. The dimple goes toward the outside edge of valve body, and the proper location are both shown in Figure 1. The dimple will now keep the spring centered in the valve body bore.

If the valve body bore is damaged beyond repair, you will have to replace the entire valve body with a new one. Refer to the Usage Chart in Figure 2 to select the proper part number for the model that you are working on.

### SERVICE INFORMATION:

Retainer Plate, 1-2 TV Modulator Spring ..... F23Z-7F194-A

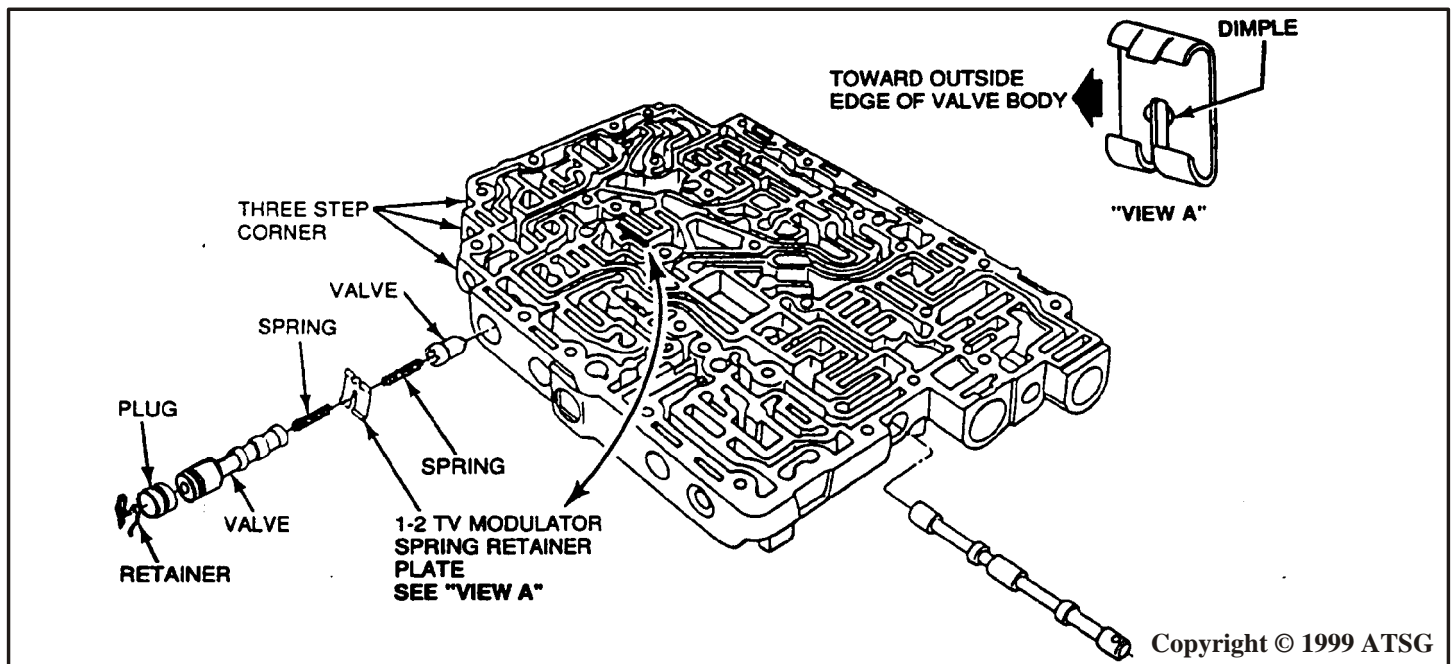


Figure 1

VALVE BODY USAGE CHART	
VALVE BODY I.D.	PART NUMBER
E73-AA	E73Z-7A100-A
E73-CA	E73Z-7A100-B
E73-EA	E73Z-7A100-C
E6D-AA	E7DZ-7A100-B
E6D-AB	E7DZ-7A100-B
E7D-DA	E7DZ-7A100-B
E7E-BA	E7FZ-7A100-A
E7E-A6A	E7FZ-7A100-B
E7E-CA	E7FZ-7A100-B
E8D-CA	E8DZ-7A100-C
E8E-AA	E8FZ-7A100-A
E83-BA	E93Z-7A100-A
E93-BA	E93Z-7A100-A
E93P-CA	E93Z-7A100-B
E9D-CA	E9DZ-7A100-C
E9E-AA	E9FZ-7A100-A
FO3-AA	FO3Z-7A100-A
F13-CA	F13Z-7A100-A
F13-DA	F13Z-7A100-B
F23-AB	F23Z-7A100-A
F23-AC	F23Z-7A100-A
F23-AD	F23Z-7A100-A
F23-BB	F23Z-7A100-B
F23-BC	F23Z-7A100-B
F23-BD	F23Z-7A100-B

Figure 2