



# Technical Service Information

## FORD AODE/4R70W VALVE BODY AND SPACER PLATE IDENTIFICATION

Beginning at the start of production for 1993 model vehicles, that were equipped with the AODE/4R70W transmission, Ford Motor Co. added an Overdrive Cancel Switch to cancel 4th gear (Overdrive), when the selector is in the "OD" position. On the previous 1992 models you must move the selector lever into the "D" position to cancel 4th gear operation.

Both the 1992 and 1993 shift selectors have six positions, but their functions are different, as shown in Figure 1. On 1993 models the "2" position replaces the "D" position, and now provides second gear start and hold. This position can be selected when starting on slippery roads for improved traction, or engine braking. This changed both the valve body and spacer plate between 92 and 93 models and, **THEY WILL NOT INTERCHANGE!**

If a 1993 valve body and spacer plate are installed onto a 1992 model vehicle, you will have 2nd gear only with the selector lever in the "D" position. If a 1992 valve body and spacer plate are installed onto a 1993 model vehicle, you will have a 1-2-3 upshift when the selector lever is in the "2" position, and the overdrive cancel switch will be ineffective. Refer to Figure 4 for Transmission Control Switch (TCS) and Transmission Control Indicator Lamp (TCIL) locations for the various 1993 model vehicles equipped with the AODE/4R70W transmission.

Refer to Figure 2 for 1992 model valve body and spacer plate identification, and refer to Figure 3 for 1993 model valve body and spacer plate identification.

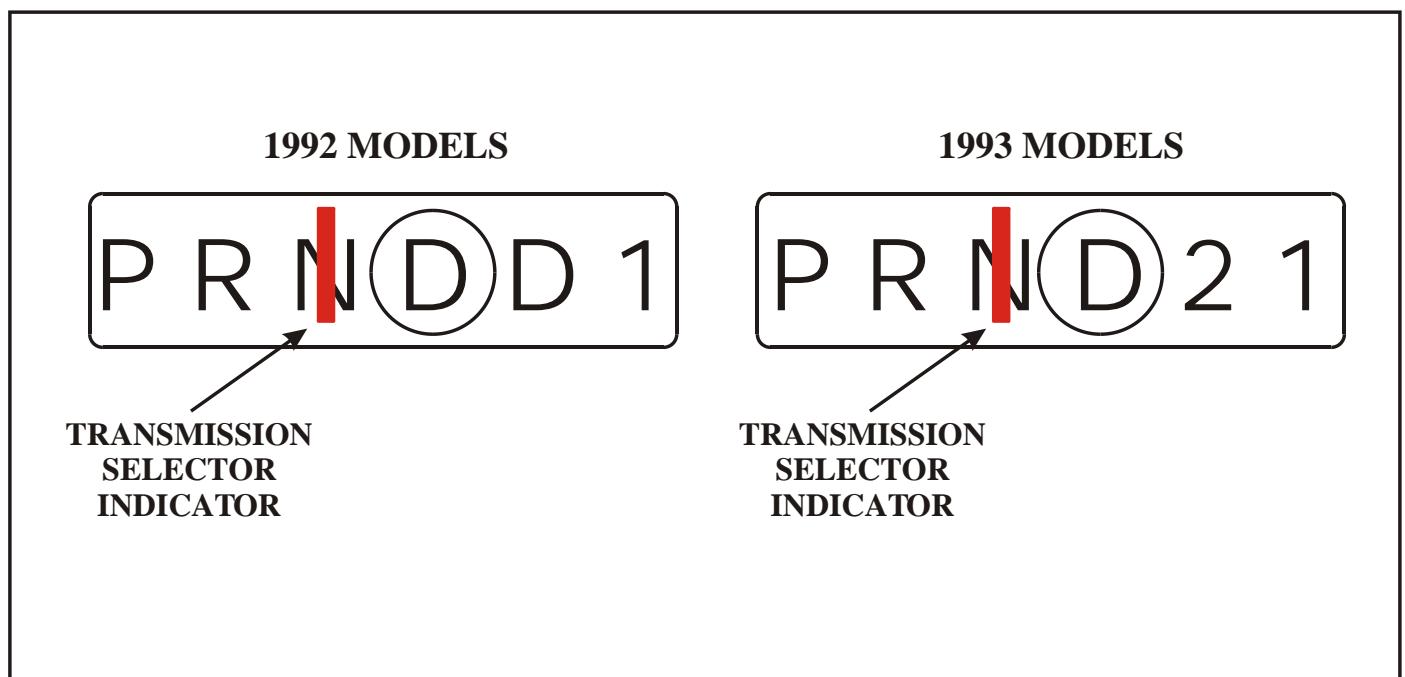
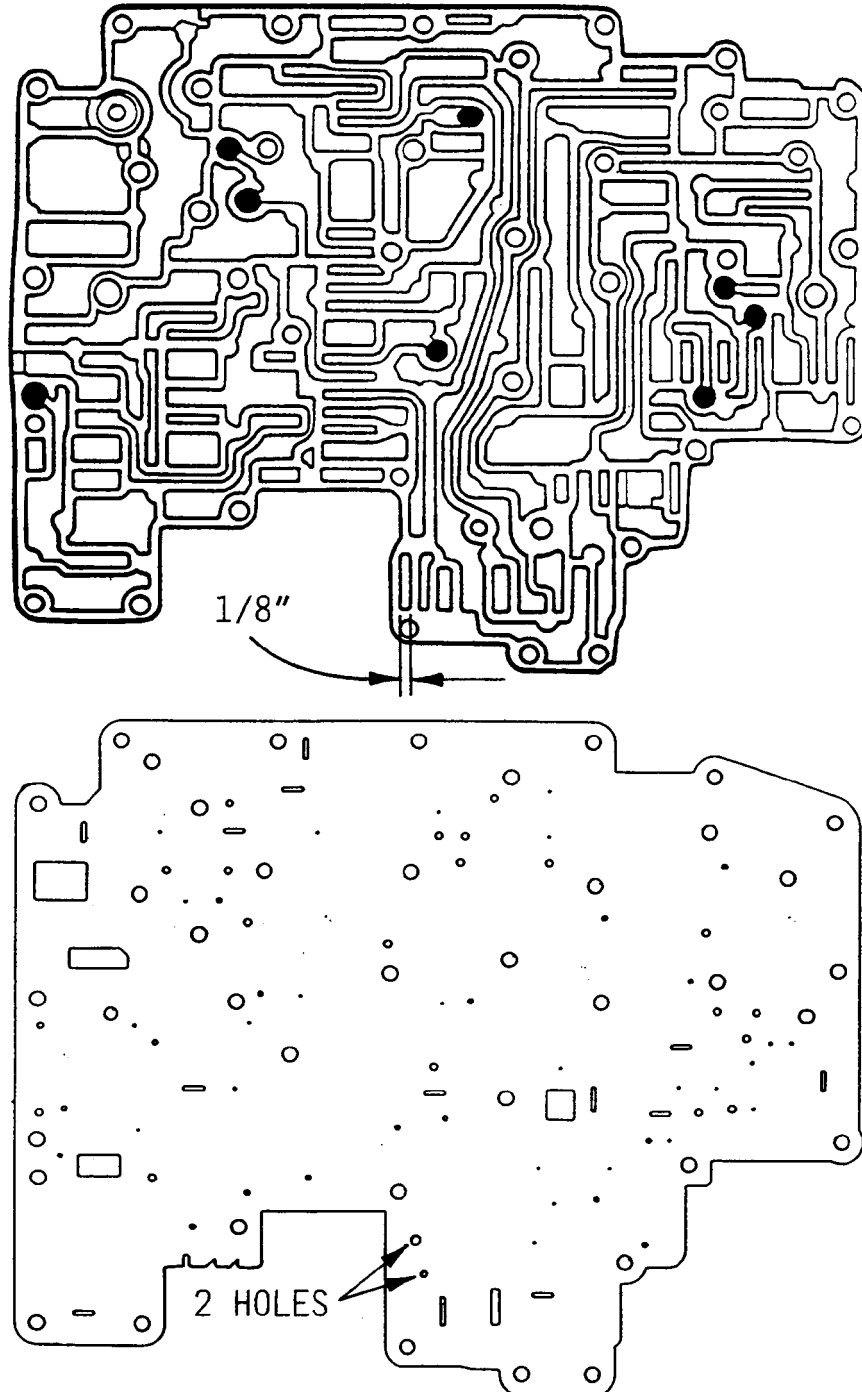


Figure 1

## 1992 MODELS

P R N **D** D 1

Manual Selector Indicator with OD-D-1, has a 1/8" wide passage in the valve body by the manual valve, and the spacer plate has two (2) additional holes above the manual valve location, as shown below.



**Figure 2**

## 1993 MODELS

P R N **D** 2 1

Manual Selector Indicator with OD-2-1, and the Overdrive Cancel Switch, has a 3/8" wide passage in the valve body by the manual valve, and the spacer plate DOES NOT have the two (2) holes above the manual valve location.

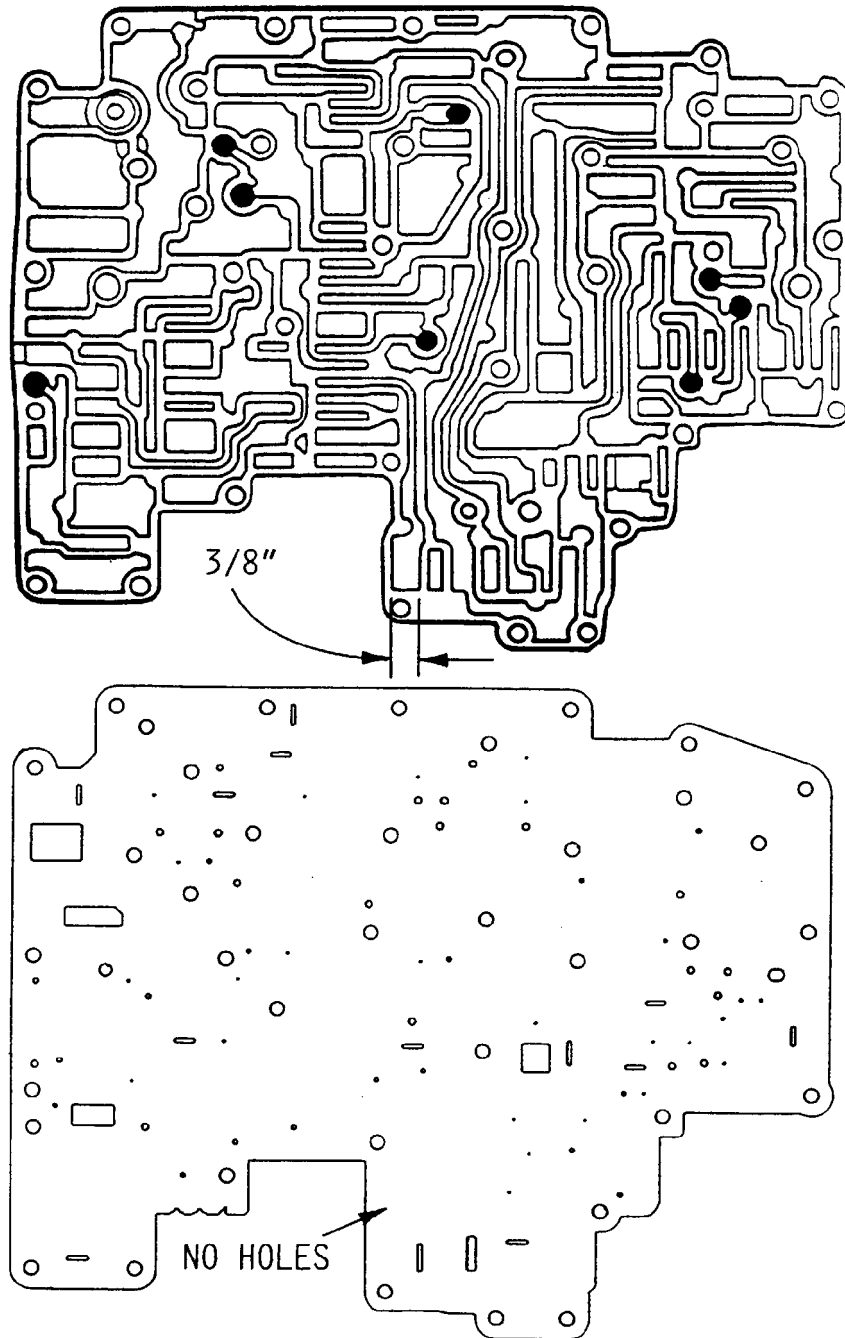
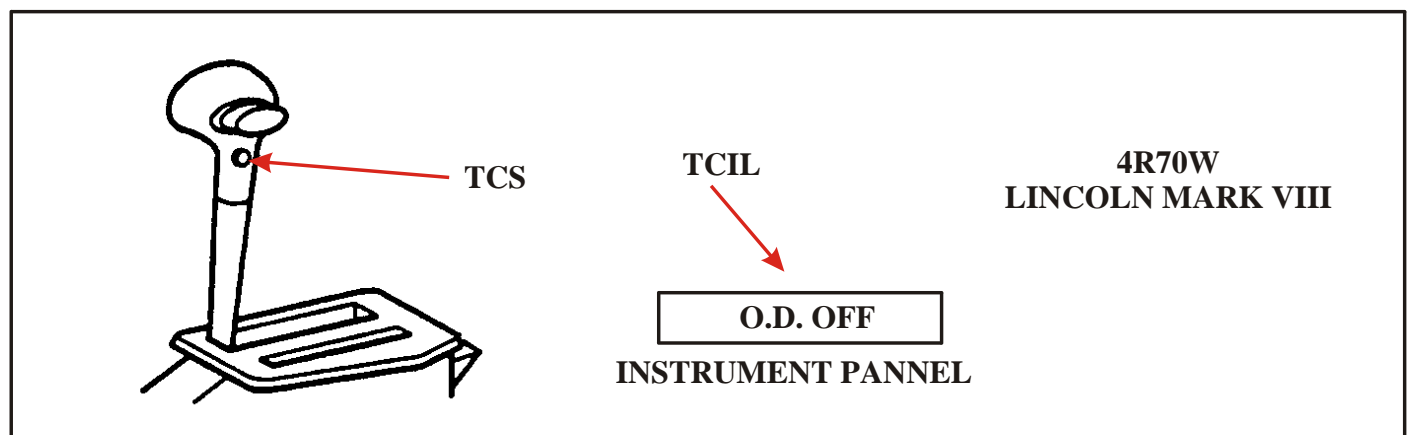
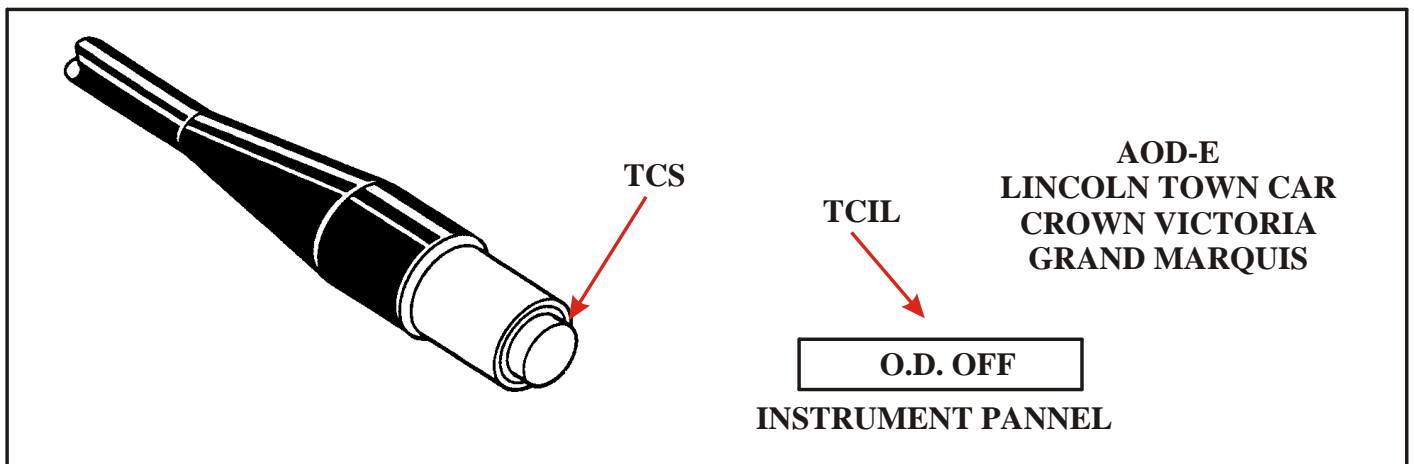
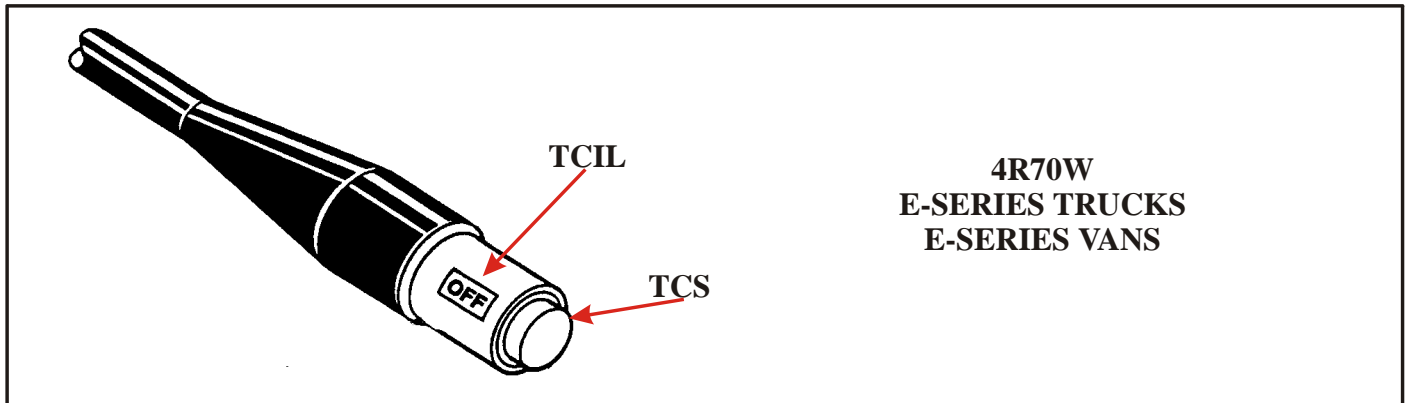


Figure 3

## TRANSMISSION CONTROL SWITCH AND TRANSMISSION INDICATOR LAMP LOCATION AND IDENTIFICATION



**Figure 4**