



# Technical Service Information

## FORD AOD-E/4R70W EPC SOLENOID AND RETAINER CHANGES

**CHANGE:** The Electronic Pressure Control (EPC) solenoid changed at the start of production for all 1993 models of the AOD-E/4R70W transmissions, and care must be taken to use the proper EPC solenoid retainer (See Figure 1).

**REASON:** Improved line pressure control.

### PARTS AFFECTED:

- (1) EPC SOLENOID - The external dimensions on the solenoid changed in the area where the retainer goes over the solenoid to hold it into the case, in addition to internal changes to improve the durability. The previous design solenoid is no longer available. Refer to Figure 1, which shows you the current EPC Solenoid F3AZ-7G383-A, which comes with the retainer for 1992-1995 model transmissions.
- (2) EPC SOLENOID RETAINER - Changed in 1993 to accommodate the new design solenoid, and must be used with the new design solenoid on 1992 models (See Figure 1). The EPC Solenoid retainer changed again in 1996, and was made 1/16" *shorter*, to accommodate a thinner valve body plate, and must be used on 96 models with the thinner plate (See Figure 1).

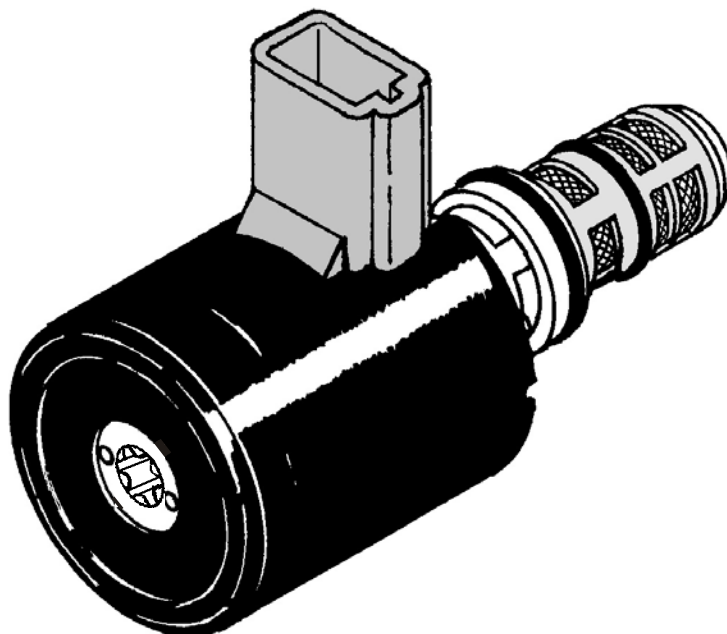
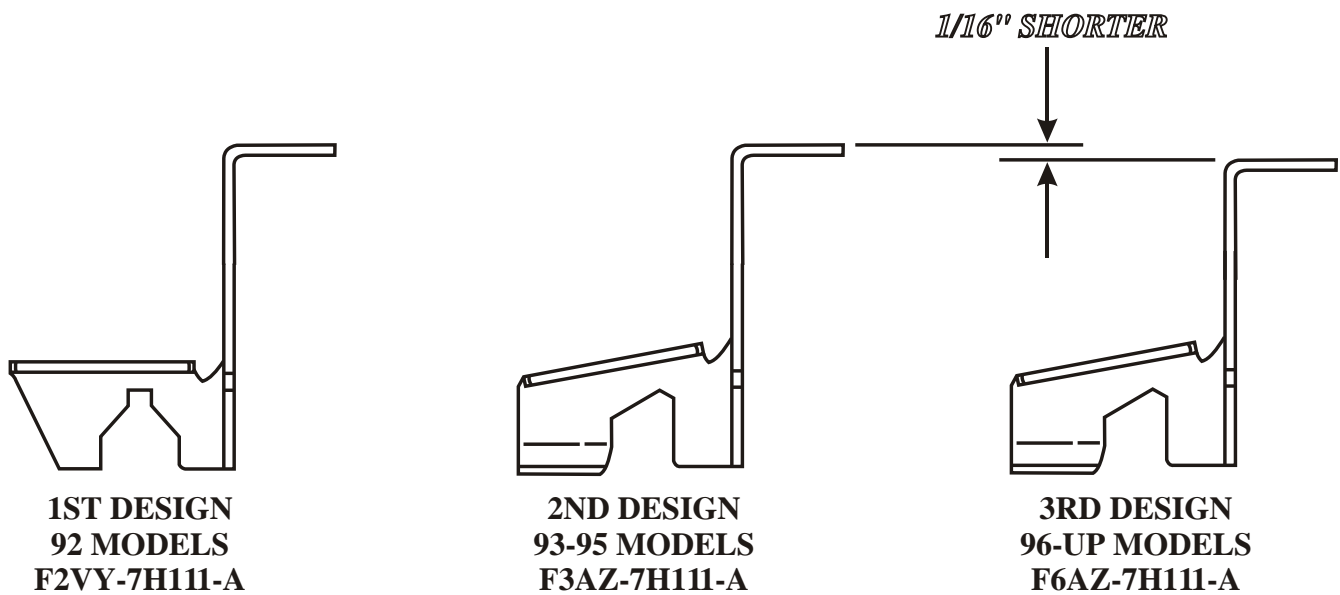
### INTERCHANGEABILITY:

- (1) When the EPC Solenoid is replaced, the 2nd design solenoid is the only one available, and comes with the proper retainer which *must* be used on 1992-1995 models (See Figure 1). The new design solenoid will retro-fit to 1992 models.
- (2) The only retainer that can be used on 1996 models is the one that is 1/16" shorter to accommodate the thinner valve body plate that was used in 1996 (See Figure 1).

### SERVICE INFORMATION:

EPC Solenoid, 2nd Design (Includes F3AZ-7H111-A Retainer) .....	F3AZ-7G383-A
EPC Solenoid Retainer (1st Design) .....	F2VY-7H111-A
EPC Solenoid Retainer (2nd Design) .....	F3AZ-7H111-A
EPC Solenoid Retainer (3rd Design) .....	F6AZ-7H111-A

## EPC SOLENOID RETAINER DIFFERENCES



**EPC SOLENOID**  
**PART NUMBER F3AZ-7G383-A**  
**(INCLUDES F3AZ-7H111-A RETAINER)**

Figure 1