



# Technical Service Information

## FORD AXOD

### SOFT 1-2 AND 2-3 SHIFT

**COMPLAINT:** Soft or mushy 1-2 shift and/or 2-3 shift.

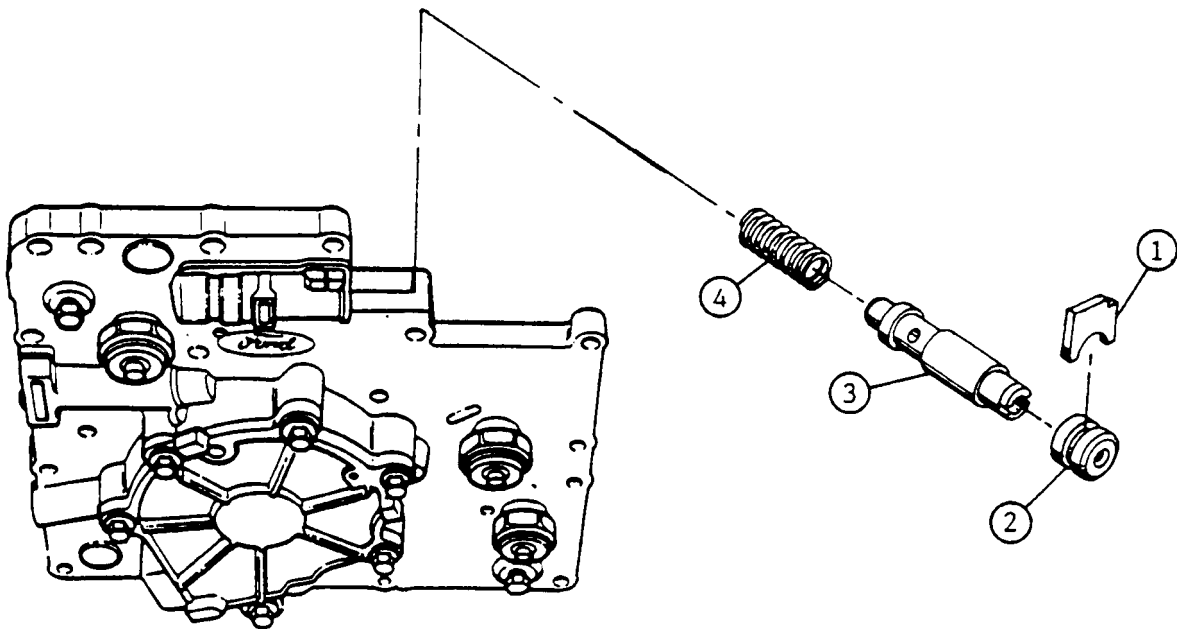
**CAUSE:** The cause may be a lack of oil volume to the intermediate and/or direct clutch packs.

**CORRECTION:** FOR SOFT 1-2 SHIFT:

Replace the 1-2 capacity modulator valve spring with the Red spring manufactured by Shift Technology Products (Part # K006). The kit also comes with a new style bore plug retaining clip. Assemble into the oil pump as shown in Figure 1.

FOR SOFT 2-3 SHIFT:

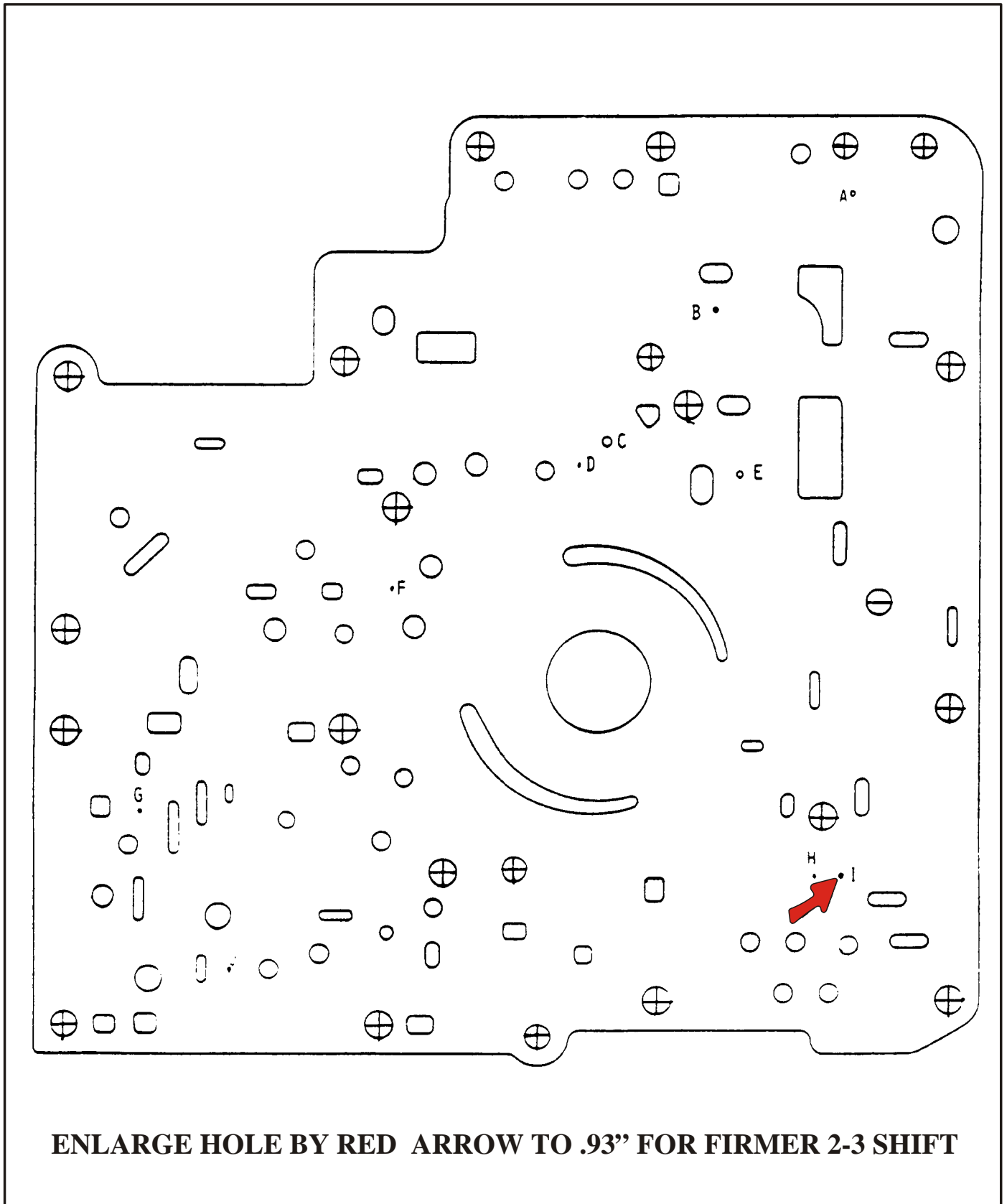
Drill the direct clutch feed passage in the oil pump spacer plate, hole marked "I", out to .093" as shown in Figure 2.



- 1 - NEW STYLE RETAINING CLIP.
- 2 - 1-2 CAPACITY MODULATOR VALVE BORE PLUG.
- 3 - 1-2 CAPACITY MODULATOR VALVE.
- 4 - 1-2 CAPACITY MODULATOR VALVE SPRING.

Copyright © 2000 ATSG

Figure 1



**ENLARGE HOLE BY RED ARROW TO .93" FOR FIRMER 2-3 SHIFT**

Figure 2