

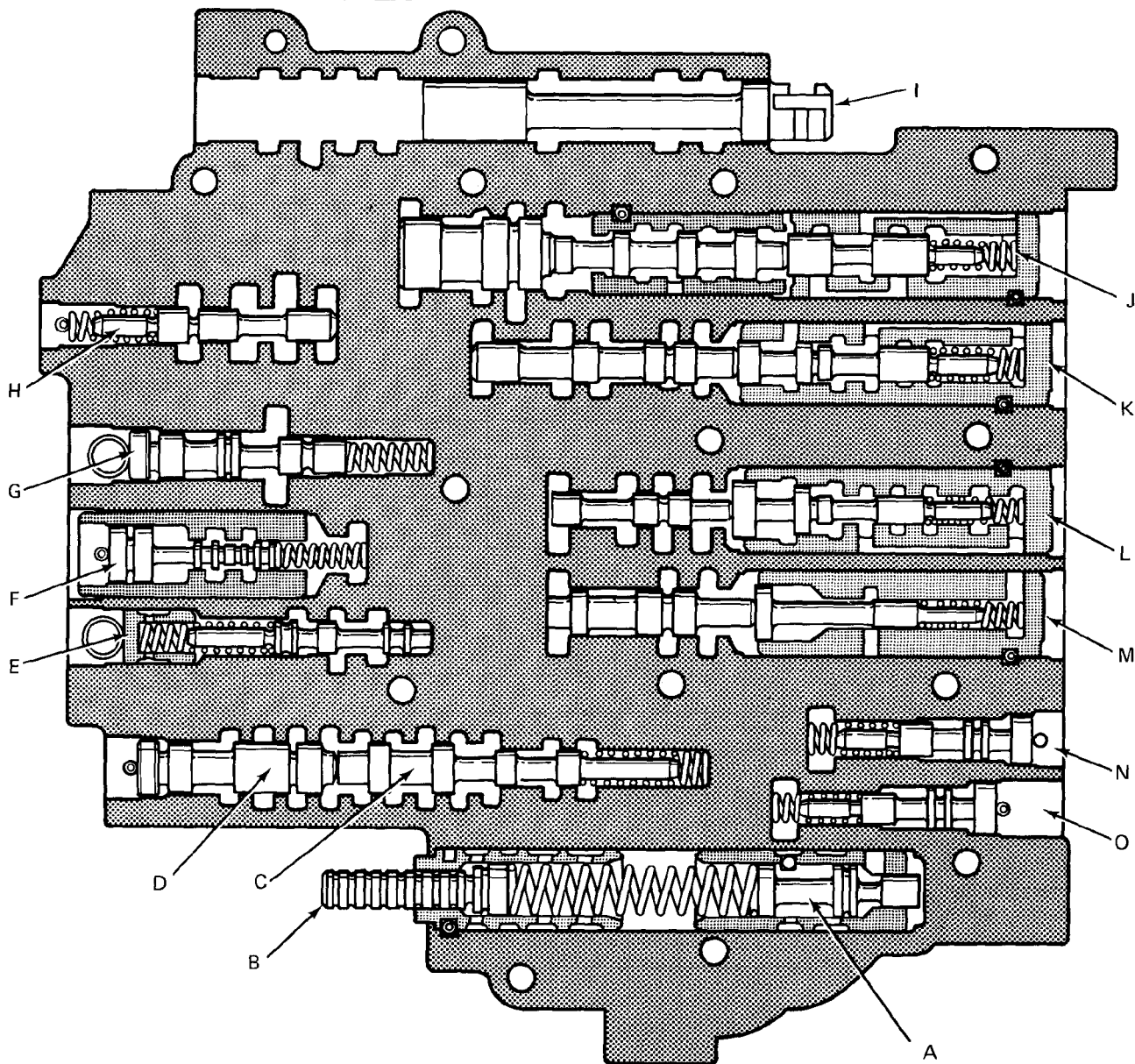


Technical Service Information

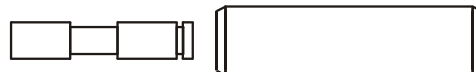
THM 4L60 (700-R4) BINDING OR TIE-UP IN REVERSE

- COMPLAINT:** Any 1982 thru 1989 THM 700-R4 transmission that may exhibit a binding condition when reverse is selected.
- CAUSE:** The cause may be a stuck 4-3 sequence valve and/or a stuck 2-3 shift valve, both of which are located in the main valve body (See Figure 1).
- CORRECTION:** Inspect the 4-3 sequence valve and the 2-3 shift valve for sticking, and for debris present in the valve train. Clean and correct as necessary. Refer to Figure 1 for proper installation of valves and sleeves in valve body bores.

Copyright © 2000 ATSG



**ALUMINUM BUSHING PLUGS MAY BE
FOUND IN BORE "M" ON SOME
ECM MODELS**



ILL.
NO.

DESCRIPTION

- A THROTTLE VALVE & BUSHING
- B T.V. PLUNGER & BUSHING
- C 4-3 SEQUENCE VALVE
- D 3-4 RELAY VALVE
- E T.V. LIMIT VALVE TRAIN
- F ACCUMULATOR VALVE TRAIN
- G LINE BIAS VALVE TRAIN
- H 3-2 CONTROL VALVE TRAIN

ILL.
NO.

DESCRIPTION

- I MANUAL VALVE
- J 1-2 SHIFT VALVE TRAIN
- K 2-3 SHIFT VALVE TRAIN
- L 3-4 SHIFT VALVE TRAIN
- M CONVERTER CLUTCH SHIFT VALVE TRAIN
- N M.T.V. UP VALVE TRAIN
- O M.T.V. DOWN VALVE TRAIN

Figure 1