



Technical Service Information

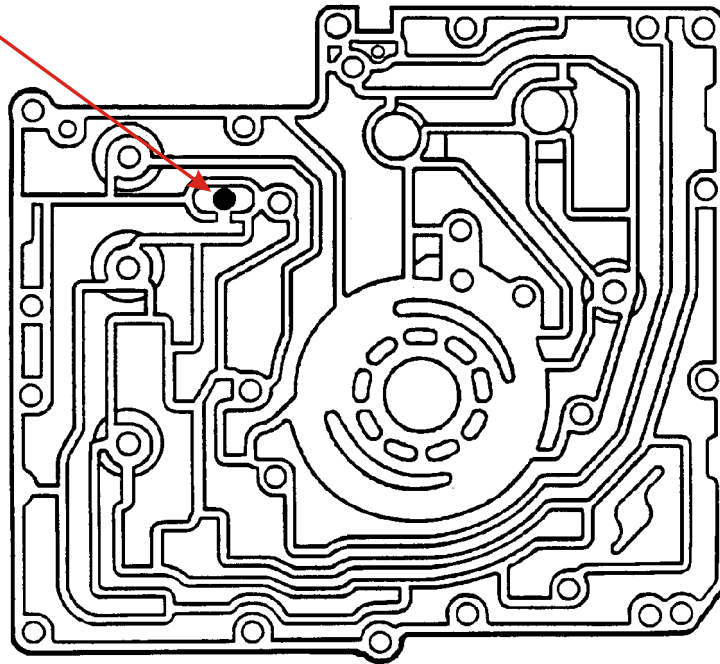
FORD AX4N NO 2-3 UPSHIFT AND/OR NO ENGINE BRAKING IN MANUAL LOW

COMPLAINT: The AX4N transaxle may exhibit a condition of a no 2-3 upshift and/or no engine braking in manual low.

CAUSE: One cause for this condition may be that the No. 8 checkball, located in the pump is missing (See Figure 1). A missing checkball in this location causes direct clutch oil to exhaust through the 1-2 shift valve, causing the transaxle to remain in second gear. In manual low, direct clutch oil, used for engine braking exhausts through the 2-3 capacity modulator valve and the 1-2 shift valve.

CORRECTION: Replace the No. 8 checkball in the pump as seen in Figure 1.

NO. # CHECKBALL



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