



Technical Service Information

THM 440-T4 REPEATED REVERSE BAND FAILURE

COMPLAINT: Any 1987 through 1991 THM 4T60 (440-T4) transaxle may exhibit no reverse, slipping in reverse, and/or repeat reverse band failure.

CAUSE: The cause may be a defective transaxle case. The suspected transaxle cases have an added wall thickness in the area where the reverse band apply pin engages the reverse band, and may display some witness marks in that area. The band may never fully apply, or fully release once caught, and will "Wipe-Out" the band lining across all straps.

CORRECTION: Replace the transaxle case.

TO DETERMINE A "SUSPECTED" TRANSAXLE CASE;

(1) Inspect the case "DIE" number, located on top of the transaxle bell housing, as shown in Figure 1. IF, the case "DIE" number matches the suspect numbers listed below, proceed to number 2.

(2) Disassemble the transaxle and inspect the case "SPLINE" number, located deep inside the barrel of the case next to the right axle seal, as shown in Figure 2.

(3) IF, the case "DIE" number AND the case "SPLINE" number match the numbers listed below, you have a suspect case and it must be replaced. You MUST have a match of BOTH numbers.

NOTE: IF THE NUMBERS DO NOT MATCH, CASE REPLACEMENT IS NOT NECESSARY!

DIE #	SPLINE #	
527 AND 4543		= REPLACE CASE
557 AND 4542		= REPLACE CASE
558 AND 4541		= REPLACE CASE
561 AND 1524		= REPLACE CASE
590 AND 4542		= REPLACE CASE
594 AND 4544		= REPLACE CASE

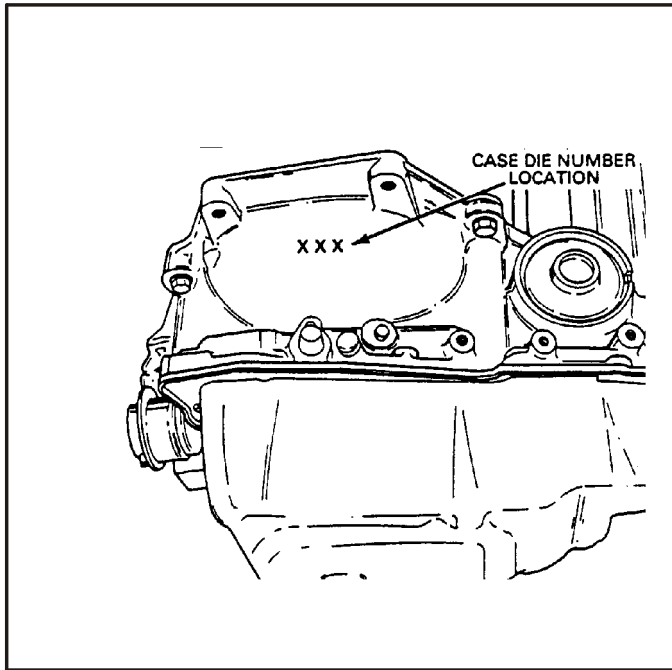


Figure 1

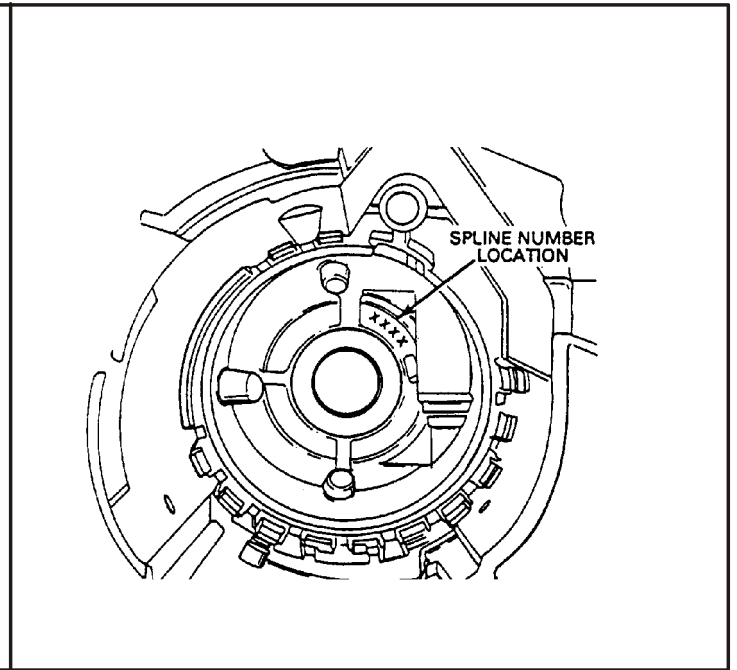


Figure 2