DESCRIPTION (Continued)

Torque is transmitted from the engine through the transaxle to the final drive gear. Inside the two-piece case, four differential pinion gears are mounted on three differential pinion shafts which are pinned to the case. Two of the four pinion gears are mounted on one long pinion shaft. The two remaining pinion gears are mounted on short pinion shafts. The three pinion shafts are inserted in a pinion shaft seat, located in the center of the differential case, to maintain proper alignment. The gears are engaged with two side gears to which the stub shafts are splined. As the differential case turns, it rotates the constant velocity joints and the front wheels. When it is necessary for one wheel and shaft to rotate faster than the other, such as in turning a corner, the faster turning side gear causes the pinions to roll on the slower turning side gear to allow the differential action between the two constant velocity joints.

Phe MTX IV 5. Speed Mariual Transgate in smalls in Jessyn and function to me MTX IE 5-Speed Mariual Transpart in Mariual Transpart in Mariual Transpart in Mariual Transpart in Mariual Mariual Transpart in Mariual M