Ford Axle

Jack up one rear wheel and remove the wheel cover. Install tool T- 59L-4204-A on the axle shaft flange studs as shown in Fig. 2.

Using a torque wrench of at least 200 ft-lbs capacity, rotate the axle shaft. **Be sure that the trans mission is in neutral, one rear wheel is on the floor, and the other rear wheel is raised off the floor.** The torque required to continuously rotate the shaft should be more than 75 ft-lbs. The initial break-away torque may be higher than the continuous turning torque, but this is normal. The axle shaft should turn with even pressure through- out the check without slipping or binding.

If the torque reading is not more than 75 ft-lbs, check the differential for improper assembly.

A vehicle equipped with a limited- slip differential will always have both wheels driving. If, while the vehicle is being serviced, only one wheel is raised off the floor and the rear axle is driven by the engine, the wheel on the floor will drive the vehicle off the stand or jack.

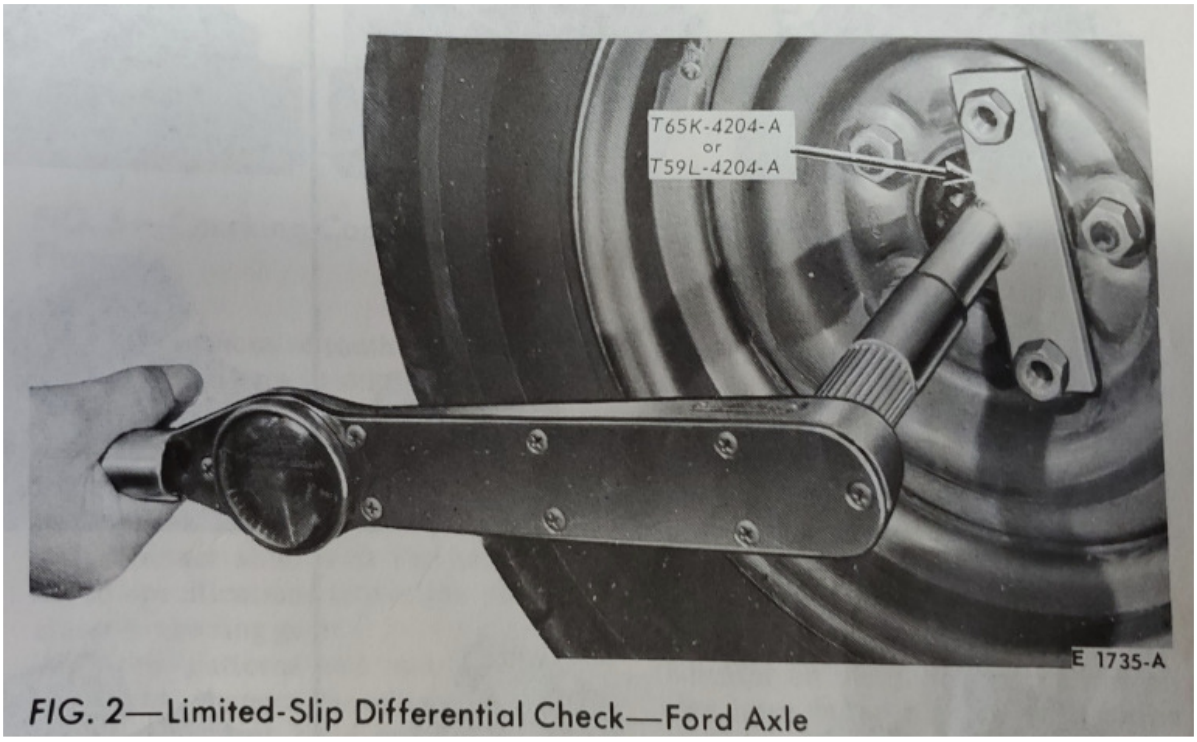


FIG. 2—Limited-Slip Differential Check—Ford Axle