

GENERAL DESCRIPTION AND SYSTEM OPERATION

FIVE-SPEED MANUAL TRANSAXLE

This five-speed transaxle assembly is a transmission of constant-mesh design.

Combined in the assembly are

- All forward gears.
- The reverse gear.
- The differential output.

The basic components of the five-speed transaxle assembly units are the

- Transaxle case.
- Input shaft.
- Input shaft gears.

- Output shaft.
- Output shaft gears.
- Ring gear and differential assembly.

Forward Gear

Shifting to a forward gear is accomplished through a combination of synchronizers with blocker rings controlled by sliding shift forks.

Reverse Gear

Reverse gear is not synchronized and uses a sliding idler gear arrangement.

Differential Assembly

The differential is a conventional arrangement of gears that is supported by tapered roller bearings. The final output gear turns the ring gear and differential assembly, which turns the drive axle shafts.