Manual Transmission

The T5OD 5-speed transmission:

- fifth speed gear functions as an overdrive gear.
- forward gears are synchronized and helical cut.
- shift interlock system prevents the engagement of more than one gear.
- has an aluminum main case, extension housing and bellhousing.
- has an input shaft, output shaft and countershaft.
- reverse idler gear is used to produce a reverse rotation of the output shaft.

The transmission function is to move the vehicle from a rest position to motion. This is done by transferring the engine torque to the vehicle rear wheels. The transmission uses gears to adapt the torque to the demands of load and road conditions. It matches engine power to vehicle needs.

This power is delivered from the engine flywheel, to the transmission. The power is transmitted through a driver-operated clutch, which allows for engagement and disengagement of the engine to the transmission.

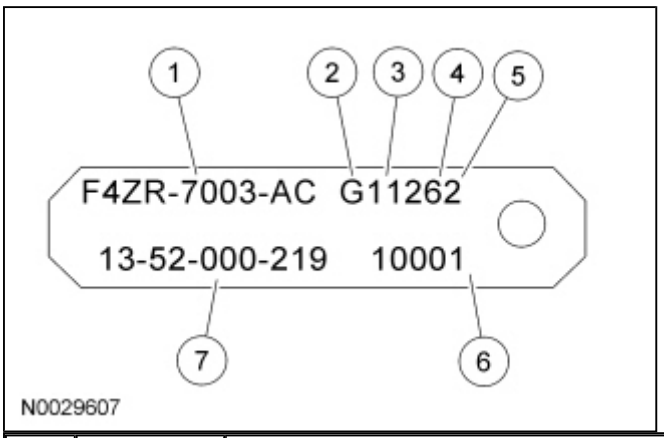
The transmission input shaft receives the power when the clutch is engaged. It is transferred through the input shaft to the drive gear. Torque is transferred to the countershaft drive gear and is delivered along the countershaft to all the countershaft gears. Torque is then transferred to the engaged mainshaft gear. The transmission then uses a system of mainshaft gears to change the speed and torque relationship between the engine crankshaft and the transmission output shaft.

Transmission Identification

The transmission identification tag is located under the lower left bolt that retains the extension housing to the case.

The T5OD transmission is available for the Mustang 4.0L SOHC.

Transmission Identification Tag



Item	Part Number	Description
1	—	Transmission assembly number
2	—	Build date code — month
3	—	Build date code — day
4	—	Build date code — year

5	—	Shift number
6	—	Serial number
7	—	Identification number (Located on the extension housing bolt on the LH side of the transmission)