

FORD MOTOR CO.

DESCRIPTION

Two different types of clutches are used in Ford vehicles. Both types are single plate, dry types, with one being non-centrifugal and the other being semi-centrifugal. Clutch release is accomplished through mechanical linkage. The pedal pressure is transmitted through a series of rods and an equalizer shaft.

REMOVAL & INSTALLATION

CLUTCH

Removal & Installation — Raise and support vehicle under frame. Disconnect clutch fork return spring and clutch fork push rod at clutch fork. Remove transmission. See appropriate article in *MANUAL TRANSMISSION SERVICING* Section. Remove starter and clutch housing. Mark flywheel and clutch cover for reassembly, then loosen clutch cover attaching bolts evenly until clutch cover spring tension is released. Remove bolts and remove clutch assembly from vehicle. To install, clean flywheel surface, and reverse removal procedure. Tighten bolts evenly and alternately.

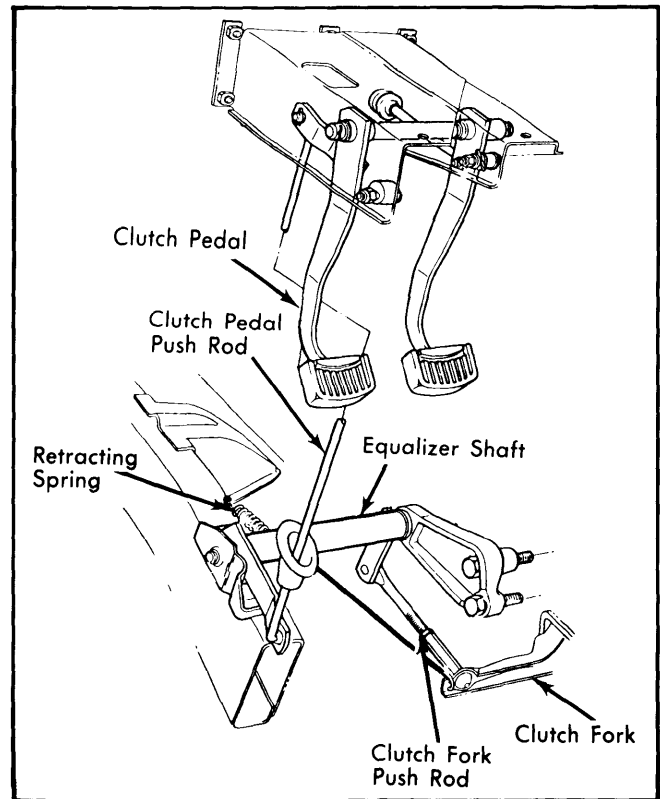


Fig. 2 Assembled View of Typical Clutch Linkage

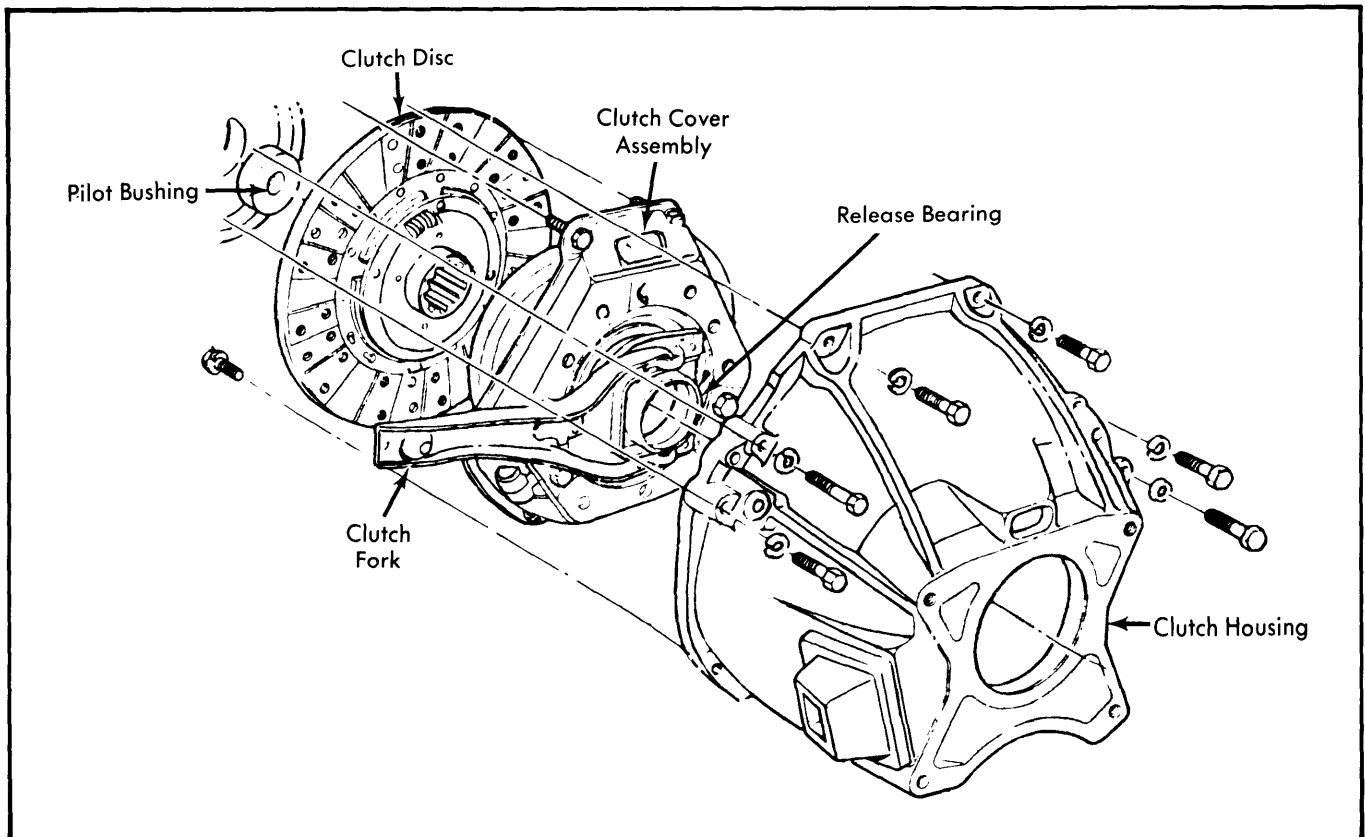


Fig. 1 Exploded View of Typical Ford Clutch Assembly

Clutches

FORD MOTOR CO. (Cont.)

ADJUSTMENT

CLUTCH PEDAL FREE TRAVEL

"U" Models (Bronco) - 1) Measure total travel of clutch pedal. Travel should be within $6\frac{3}{4}$ -7". If travel is not within these limits, move pedal bumper up or down to correct.

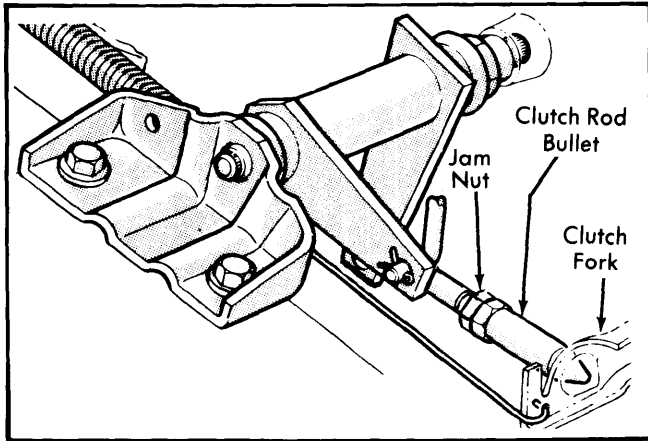


Fig. 3 Mechanical Type Linkage Pedal Free Travel Adjustment

2) To check pedal free travel, slowly apply clutch pedal until release bearing just contacts clutch fingers. Measure distance pedal travels until release bearing contacts fingers. Distance should be $\frac{3}{4}$ -1 $\frac{1}{2}$ ". To adjust, disconnect clutch return spring and loosen the nut at the bullet on clutch release rod. Adjust bullet until correct free travel is obtained. Tighten locknut.

All Others - The amount of pedal movement from full stop to point where clutch release bearing contacts clutch fingers is pedal free travel. Specified travel is $\frac{3}{4}$ -1 $\frac{1}{2}$ ". Adjustment is made by loosening jam nuts at clutch fork rod. Adjust bullet at clutch fork end of rod until specified pedal free travel is obtained.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Clutch Cover-to-Flywheel	23-28
Clutch Housing-to-Engine Block	40-50
Transmission-to-Clutch Housing	70-90
Adjusting Nut Lock Nuts	12-18