

FORD MOTOR CO., MECHANICAL LINKAGE

Granada & Monarch

NOTE — Ford does not recommend overhaul of clutch assembly.

DESCRIPTION

Clutch is a single, dry disc type operated by a mechanical linkage.

REMOVAL & INSTALLATION

CLUTCH

Removal — 1) Raise vehicle on hoist. Remove transmission and starter. Disconnect clutch release lever retaining spring. Loosen clutch adjusting rod nuts and remove adjusting rod.

2) Remove bolts attaching engine rear plate to front lower part of flywheel housing.

3) Remove bolts attaching flywheel housing to cylinder block and clutch equalizer bar pivot bracket to flywheel housing. Move housing back just far enough to clear pressure plate and remove housing without disturbing linkage.

4) Remove release lever from housing by pulling it through housing window until retainer spring disengages from pivot.

5) Loosen (evenly and gradually) pressure plate bolts. Mark cover and flywheel to insure correct indexing during reassembly. Remove clutch assembly and disc.

Installation — 1) Install clutch release lever. Place clutch disc and pressure plate in position on flywheel. Start cover attaching bolts to hold pieces in place, but do not tighten them. Using a suitable alignment tool, align clutch disc. Tighten cover bolts evenly until snug. Then, tighten bolts completely and remove alignment tool.

2) Apply a light film of lithium grease to outside of transmission front bearing retainer, release lever fork and anti-rattle spring where they contact release bearing hub, release bear-

ing contact surfaces and release lever pivot. Fill grease groove of release bearing hub, but clean excess from inside bore of bearing hub.

3) Make certain that flywheel housing and engine block are clean. Position housing on dowels of engine block. Slip pivot bracket into clutch equalizer shaft, being careful not to disturb linkage. Install and alternately tighten attaching bolts. Install transmission and starter. Reinstall clutch adjusting rod and adjust.

ADJUSTMENT

CLUTCH PEDAL FREE PLAY

1) Disconnect clutch retainer spring from release lever. Remove release lever rod lock pin and loosen adjusting nut. Move clutch release lever rearward until release bearing lightly contacts the clutch pressure plate release fingers. Adjust rod length until rod seats in release lever pocket.

2) Insert specified feeler gauge between adjusting nut and swivel sleeve. Then, tighten adjusting nut against gauge finger. Rotate rod until flat is aligned with pin hole in adjusting nut. Install locking pin. Remove feeler gauge. Install clutch retainer spring.

3) Cycle clutch pedal at least five times and recheck free play setting with feeler gauge. Readjust if necessary. Correct free play setting will give clutch pedal free play of $\frac{7}{8}$ - $1\frac{1}{8}$ " with engine idling.

Adjusting Nut-to-Swivel Sleeve Specifications

Application	Distance
Granada & Monarch136"

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Clutch Housing-to-Engine	38-61
Pressure Plate-to-Flywheel	12-20

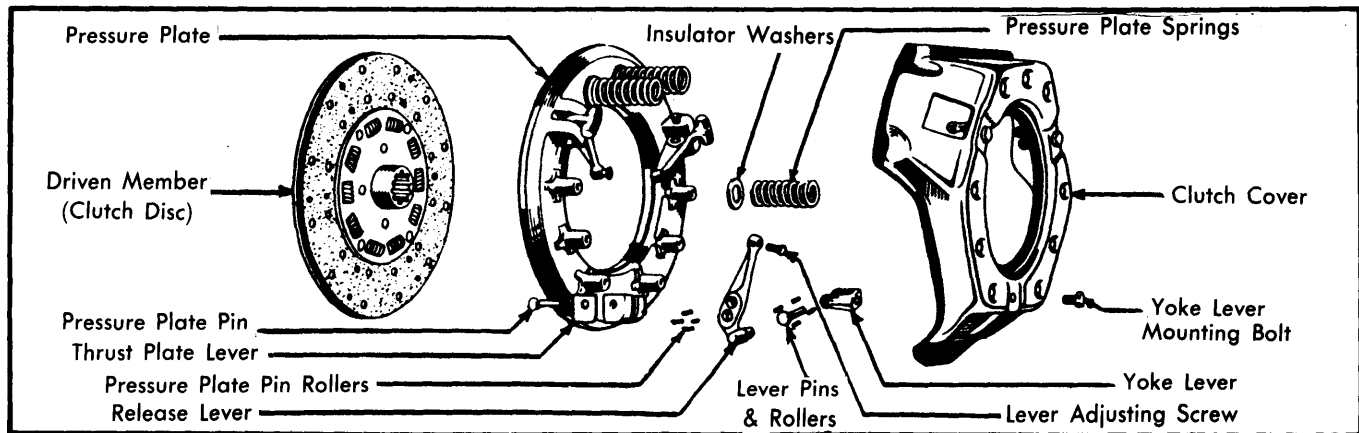


Fig. 1 Exploded View of Clutch Assembly