

LONG "CF"

Ford Motor Co., Except Pinto & Mustang II

DESCRIPTION

The clutch is of the centrifugal single dry disc type, and consists of clutch disc, pressure plate and release bearing.

ADJUSTMENT

Disconnect the clutch return spring from the release lever and loosen the release lever rod locknut and adjusting nut. Move the clutch release lever rearward until the release bearing lightly contacts the clutch pressure plate release fingers. Adjust the rod length until the rod seats in the release lever pocket. Insert the specified feeler gauge (See table below for proper gauge) between the adjusting nut and swivel sleeve, and tighten the adjusting nut tight against the gauge. Carefully tighten the locknut against the adjusting nut and torque the locknut to specification. Install the clutch return spring and check the freeplay by placing engine in neutral at 3000 RPM. Freeplay should be a minimum of 1/2" and must be exactly to specification or damage to clutch may result.

Release Lever Rod Adjustment①

Application

Specifications

Torino, Montego, and Cougar.....0.194"
Comet and Maverick.....0.136"

① Clutch pedal free travel is same on all models, 7/8 - 1 1/8".

3) Remove bolts attaching housing to engine and move housing back just far enough to clear pressure plate, then move it to the right to free the pivot from the clutch equalizer bar. Be careful not to disturb the linkage and assist spring.

4) Loosen evenly and gradually the pressure plate cover bolts. Mark cover and flywheel to insure correct indexing at assembly. 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. Then tighten bolts evenly to assure alignment is not disturbed. Tighten bolts and remove tool.

2) Apply a light film of lithium grease to outside of transmission front bearing retainer, both sides of release lever fork, and to release bearing surface that contacts pressure plate release fingers. 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.

NOTE - Ford does not recommend overhaul of clutch assembly. Replace if assembly shows wear, burned, or cracked areas, or if housing is more than .014" out of flat alignment.

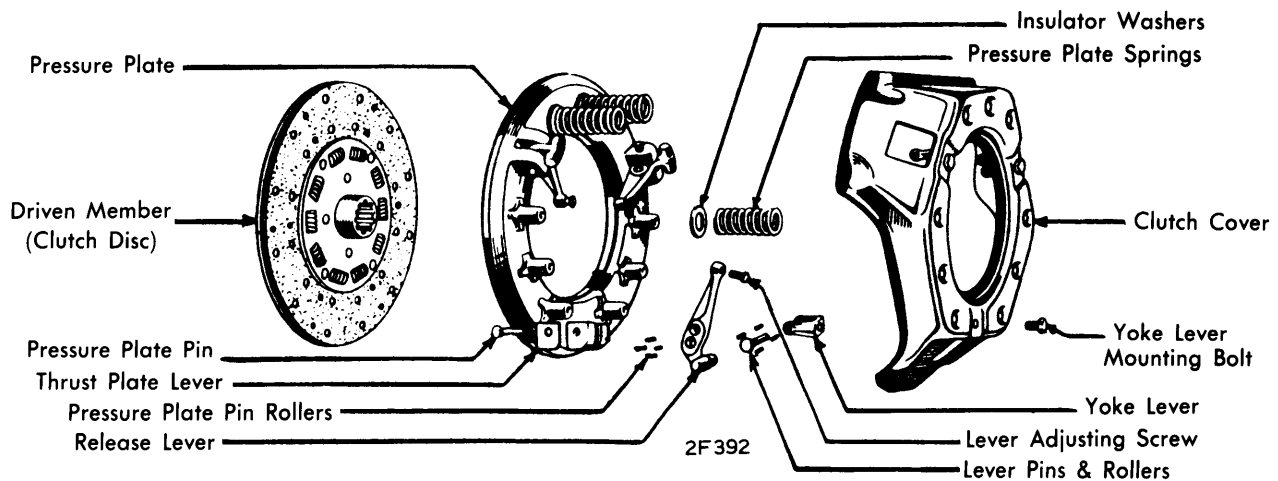
REMOVAL & INSTALLATION

Removal - 1) Remove transmission and disconnect clutch release lever return spring. Remove starter.

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

TIGHTENING SPECIFICATIONS

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



LONG CLUTCH ASSEMBLY (TYPICAL)