CAPRI

2300 cc
2800 cc

DESCRIPTION

Clutch disc is of single plate, dry type with a spring cushioned hub. A diaphragm type pressure plate is used. Clutch operation is mechanical through cable actuation.

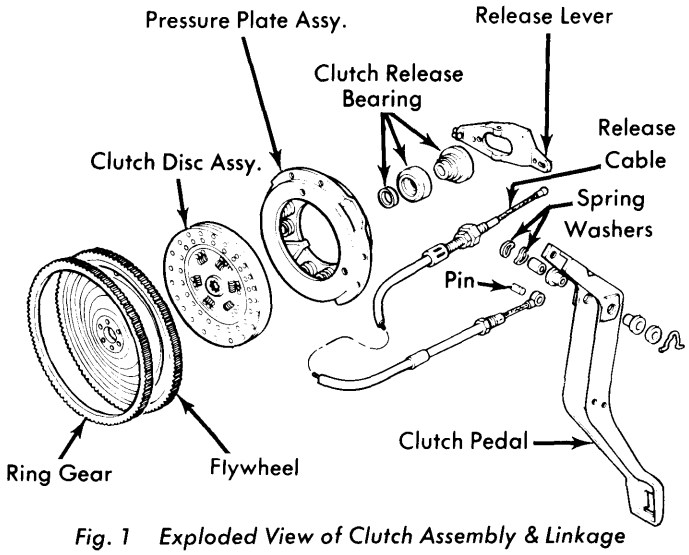

Fig. 1 Exploded View of Clutch Assembly & Linkage

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

Removal – 1) With battery disconnected, raise vehicle on a hoist. Remove four bolts securing drive shaft to rear axle pinion flange. Remove two bolts securing center bearing carrier to bracket, then lower rear of shaft down and slide front yoke from transmission. Install a dummy yoke in transmission to prevent oil leakage.

2) Remove speedometer cable from extension housing, then disconnect exhaust pipe from transmission bracket and secure out of way. Lift up clutch release lever boot and disconnect clutch cable from lever. Unclip spring retainers and disconnect shift rods from transmission.

3) Remove starter attaching bolts, then place starter out of way. Remove clutch housing-to-engine attaching bolts and bolts securing engine rear plate to front lower part of flywheel housing.

4) Place a suitable transmission jack under transmission, remove four bolts securing crossmember to body, then slide transmission assembly rearward and detach from engine. Loosen clutch attaching bolts working diagonally across clutch, then remove clutch assembly.

Installation – To install, reverse removal procedure noting the following: Apply a light coat of molybdenum-based grease to clutch disc splines. Insure input shaft fully extends into crankshaft pilot bearing.

CLUTCH RELEASE BEARING

With transmission and clutch assembly removed, withdraw release lever and bearing assembly from clutch housing. Remove release lever from hub and bearing assembly. Before installing, apply molybdenum-based grease to hub and release lever. To install, reverse removal procedure.

PILOT BEARING

With transmission and clutch assembly removed, insert a suitable puller behind bearing, then screw puller attachment (T69L-1102-A) into puller. Tighten thrust nut on center shaft to remove bearing. Install bearing into end of crankshaft using a suitable driver, making sure that bearing is .156-.175" (3.96-4.44 mm) below crankshaft flange.

CLUTCH CABLE

Removal – Raise vehicle on a hoist. Loosen clutch cable at adjuster on clutch housing, then remove spring clip securing clutch cable to top of pedal. Remove pivot pin *(Fig. 1)* and pull top of cable into engine compartment. Move clutch release lever boot on clutch housing and free cable from lever, then remove cable from vehicle.

Installation – 1) Pass top end of clutch cable through dash panel so that it is near clutch pedal. Assemble cable to pedal and install pivot pin (lubricate prior to assembly). Secure cable in position with spring clip.

2) Install clutch cable lower end to clutch release lever. Coat ball end of cable with ball joint lubricant. Locate rubber boot in opening and adjust clutch pedal free play.

ADJUSTMENT

CLUTCH PEDAL & CABLE ADJUSTMENT

2300 cc – 1) Pull clutch pedal against back stop and retain with a wood block. Loosen adjustment lock nut. Pull cable forward taking up slack. Hold cable forward and turn adjusting nut until a clearance of .124-.144" (3.15-3.65 mm) is obtained between nut and clutch housing cable bushing. Tighten lock nut.

2) Before making further adjustments, depress clutch pedal to floor twice. With clutch pedal retained in position against back stop, measure distance "A" *(Fig. 2)*. Depress clutch pedal fully and release easily; measure distance "B" *(Fig. 2)*. Difference between measurements should be .866-1.02" (22-26 mm).

2800 cc – 1) Pull clutch pedal against back stop and retain with a wood block. Pull cable forward until adjusting nut is accessible. Apply enough pressure to clutch cable to eliminate free play in release lever. Rotate adjusting nut until it just contacts recess. Release cable and allow adjusting nut to re-enter recess.

2) Before making further adjustments, depress clutch pedal to floor twice. With clutch pedal retained in position against back stop, measure distance "A" *(Fig. 2)*. Depress clutch pedal fully and release easily; measure distance "B" *(Fig. 2)*. Difference between measurements should be 1.06-1.22" (27-31 mm).

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Pressure Plate-to-Flywheel	11-14 (1.5-1.9)
Clutch Housing-to-Transmission	40-47 (5.5-6.5)
Clutch Housing-to-Engine	22-27 (3.0-3.7)

CAPRI (Cont.)

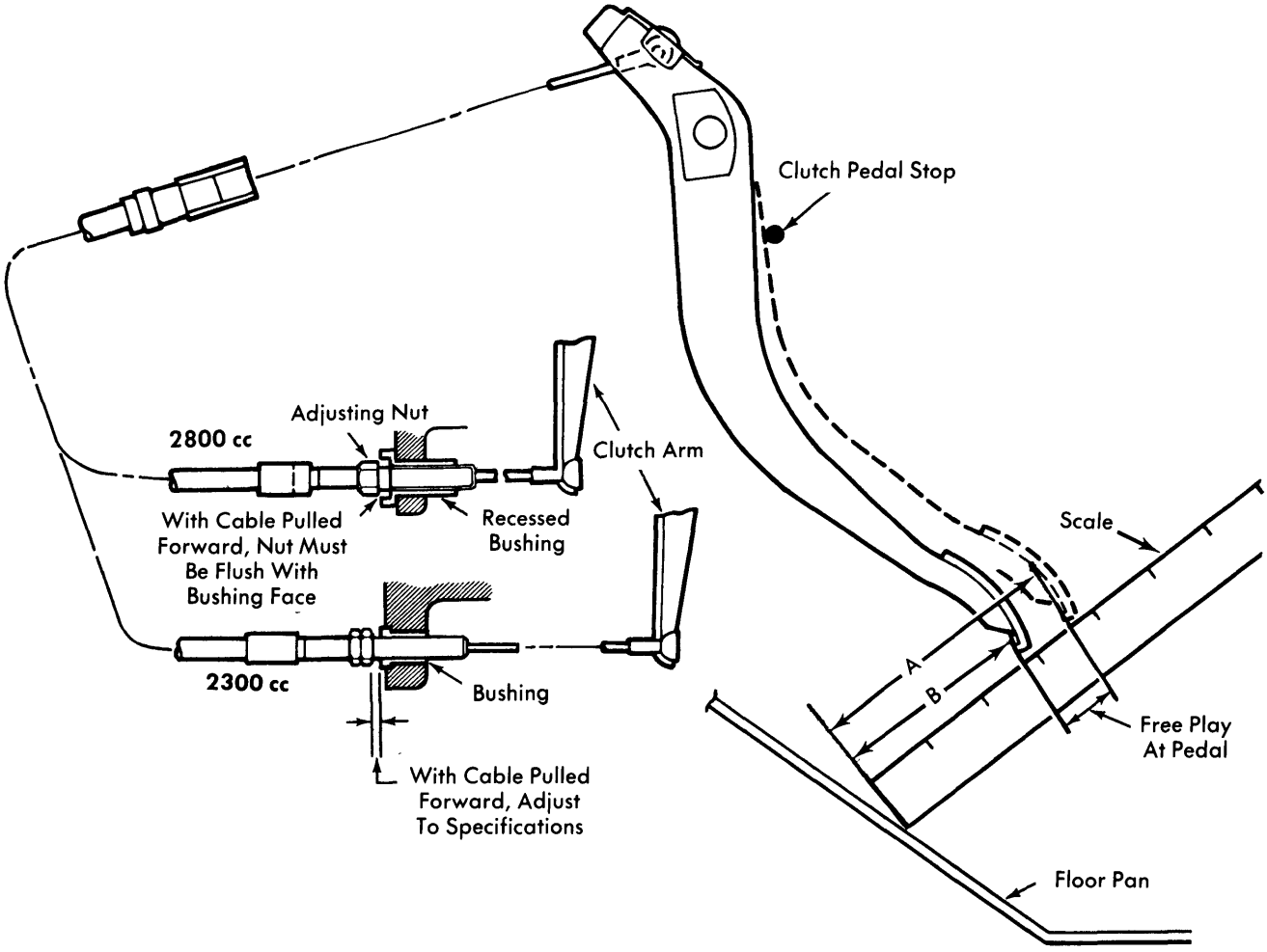

Fig. 2 Capri Clutch Cable Adjustment Procedures