

Clutches

1971-73 CAPRI

1600cc (1970-72)
2000 cc (1971-73)
2600 cc (1972-73)

DESCRIPTION

Clutch is single plate, dry disc type with spring cushioned hub. The diameter of the disc varies with engine application, as does pressure plate configuration and size. Clutch operation is mechanical through cable actuation.

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

1600 cc Models – 1) With battery disconnected, disconnect throttle linkage from carburetor. Remove gearshift lever knob and lock nut. Remove seven crosshead screws and remove center console. Bend up lock tab and unscrew plastic dome nut. Remove gearshift lever.

2) Raise car and place on stands. Remove four bolts holding drive shaft to rear axle pinion shaft. Mark flanges to ensure proper reinstallation. Remove two bolts attaching center bearing carrier to bracket. Lower rear and slide front yoke from transmission. Use suitable tool (T70P-7095) to prevent oil loss.

3) Remove speedometer cable from extension housing and disconnect exhaust pipe from manifolds. Move clutch release lever boot and free clutch cable from lever. Remove two starter attaching bolts and move starter to one side. Remove bolts attaching clutch housing to engine. Top bolt also holds a ground strap.

4) Remove dust cover and place a jack under rear of engine. Remove four bolts holding transmission crossmember to body and slide transmission rearward while supporting its weight. Remove transmission.

5) Unscrew four bolts holding clutch housing to transmission and remove housing. Remove crossmember center bolt and detach it from engine.

6) To install, reverse removal procedure.

2000 cc & 2600 cc Models – 1) With battery disconnected, raise car and place on stands. Remove four bolts holding drive shaft to rear axle pinion flange. Mark flanges for reinstallation. Remove two bolts holding center bearing carrier to bracket. Lower rear and slide front yoke from transmission. Install dummy yoke in transmission to prevent oil spillage.

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

3) Remove three starter bolts and move starter to one side. Remove six capscrews holding clutch housing to engine. Remove capscrews holding engine rear plate to front lower part of flywheel housing.

4) Place a jack under transmission and remove four capscrews holding transmission crossmember to body. Slide transmission to rear while supporting its weight, and detach from engine. Remove four bolts holding clutch housing to transmission.

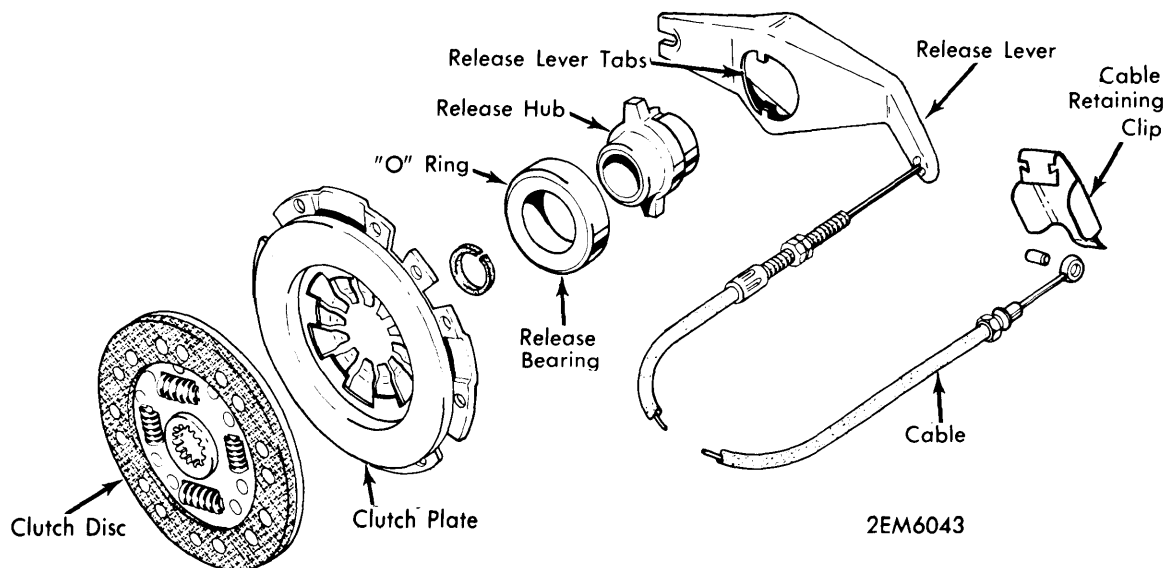
5) To install, reverse removal procedure.

CLUTCH RELEASE BEARING

With transmission and clutch housing 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.

PILOT BEARING

With transmission and clutch housing removed, insert suitable puller tool with screw tool (T69L-1102-A) behind bearing. Tighten thrust nut on center shaft to extract bearing. When installing, tap into place, making sure that bearing is .156-.175" (3.9-4.4 mm) below crankshaft flange.



CLUTCH LINKAGE COMPONENTS

1971-73 CAPRI (Cont.)

CLUTCH CABLE

Removal - 1) Raise car and install safety stands. Loosen cable at adjuster on clutch housing and remove spring clip holding clutch cable to top of pedal. Remove pivot pin and pull top of cable into engine compartment.

2) Move clutch release lever boot on clutch housing and free cable from lever.

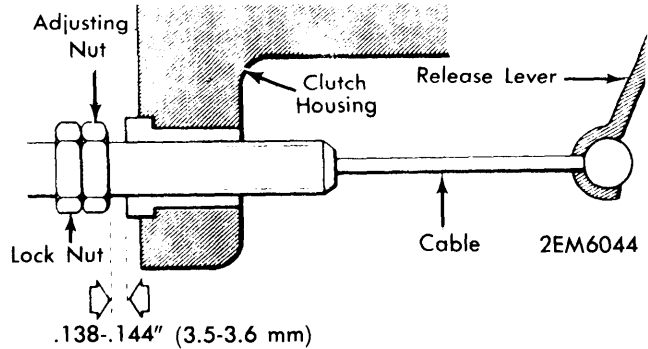
Installation - 1) Pass top end of clutch cable through dash panel so that it is near clutch pedal. Assemble cable to pedal and install pivot pin (lubricate prior to assembly). Secure cable in position with spring clip.

2) Install clutch cable lower end to clutch release lever. Coat ball end of cable with ball joint lubricant. Locate rubber boot and adjust clutch pedal free play. See *Pedal Adjustment in this Section*.

ADJUSTMENTS

CLUTCH PEDAL & CABLE ADJUSTMENT

1) Remove release lever boot and daub ball joint lubricant on ball end of operating cable, replace boot. Loosen lock nut. With clutch pedal pulled onto stop on pedal bracket, turn adjusting nut as necessary to achieve clearance of .138-.144" (3.5-3.6 mm) between nut and clutch housing.



CLUTCH CABLE ADJUSTMENT

2) With this setting, there should be .5-.75" (12.5-19.0 mm) clutch pedal free travel. Tighten lock nut, but do not over-tighten. Lubricate pedal end of operating cable.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Clutch-to-Flywheel	
1600 cc	12-15 (1.6-2.0)
2000 cc & 2600 cc	11-14 (1.5-1.9)
Clutch Housing-to-Transmission	
1600 cc	40-45 (5.5-6.2)
2000 cc & 2600 cc	40-47 (5.5-6.5)