

CHRYSLER CORP. IMPORTS – FRONT-WHEEL-DRIVE MODELS

Champ
Colt Hatchback

DESCRIPTION

Clutch is a diaphragm spring, single disc type. Operation is controlled mechanically by a cable. Clutch release bearing is sealed and permanently lubricated.

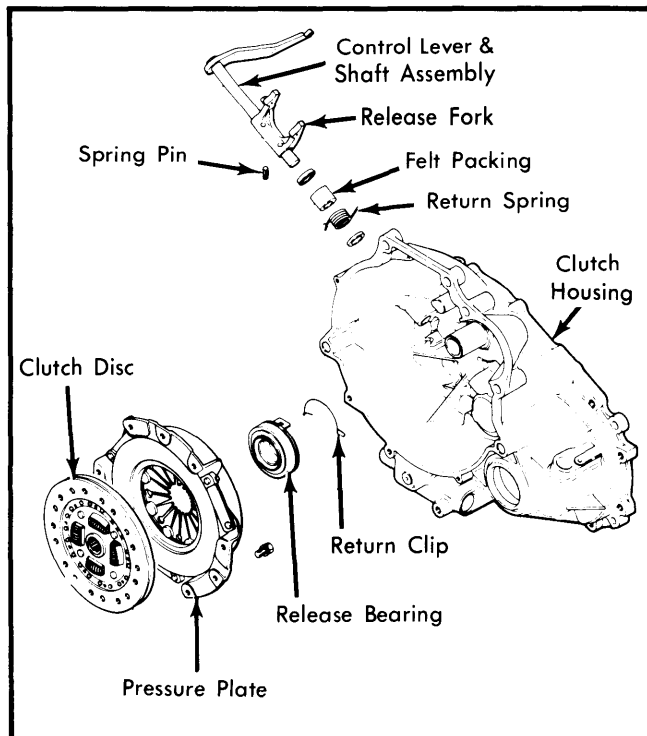


Fig. 1 Exploded View of Champ & Colt Clutch Assembly

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

Removal – 1) From inside engine compartment, disconnect negative cable from battery. Remove the following from transaxle:

- Clutch cable
- Speedometer cable
- Backup light switch harness
- Starter motor
- Front roll rod
- Four top engine-to-transaxle bolts

2) Raise vehicle and remove front tires. Remove under cover and remove shift rod from extension. Drain transaxle fluid. Disconnect drive shafts from transaxle.

CAUTION – Drive shaft retaining rings should be replaced with new ones on reassembly. Also, use care not to damage drive shaft boots.

3) Disconnect range selector cable. Remove engine rear cover. Remove coupling bolt at each end of front roll bar, and at the same time, loosen engine side roll rod bracket.

4) Support engine with a suitable lifting device, then remove engine-to-transaxle mounting bolts. Remove transaxle mount insulator-to-transaxle mount bracket nuts, and at the same time, loosen transaxle mount bracket. Remove and lower transaxle assembly from vehicle.

5) Insert clutch disc guide tool (MD998017) in clutch center hole, loosen pressure plate attaching bolts diagonally one by one and remove pressure plate assembly. Remove clutch disc.

Installation – To install, reverse removal procedure and note the following: Use clutch disc guide tool (MD998017) to center clutch disc on flywheel. Adjust clutch cable and clutch pedal.

NOTE – Clutch disc must be installed with stamped manufacturer's mark on pressure plate side.

CLUTCH CABLE

Removal – Loosen the cable adjusting wheel inside engine compartment. Loosen clutch pedal lock nut and back off the adjusting bolt. Disconnect cable from release lever and pedal.

Installation – To install, reverse removal procedure and apply engine oil as necessary. Split pin at cable end must be positively bent.

ADJUSTMENTS

PEDAL HEIGHT & FREE PLAY

Adjust clutch pedal height (measured at top of clutch pedal to toe board) to 7.1-7.3" (180-185 mm) by turning clutch pedal adjusting bolt. Free play (measured at center of pedal pad) must be .8-1.2" (20-30 mm).

CLUTCH CABLE

Pull outer cable out toward engine compartment and adjust clearance between adjusting nut and holder to .20-.24" (5-6 mm). With pedal properly adjusted, pedal travel should be 5.7" (145 mm).

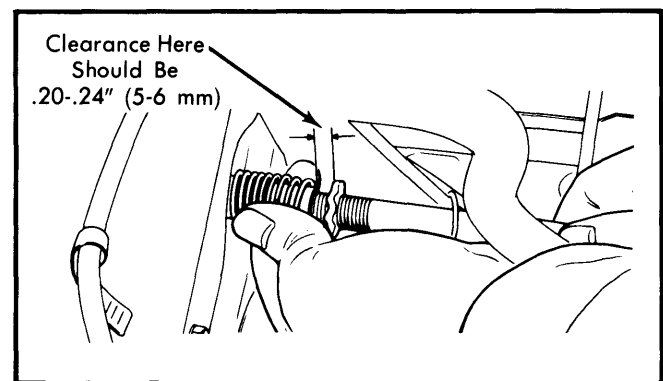


Fig. 2 Clutch Cable Adjustment