

OPEL

All Models

DESCRIPTION

Clutch is a dry, single disc diaphragm spring type. Clutch operation is mechanical by cable. Release lever holds throw-out bearing and support in place with spring clip.

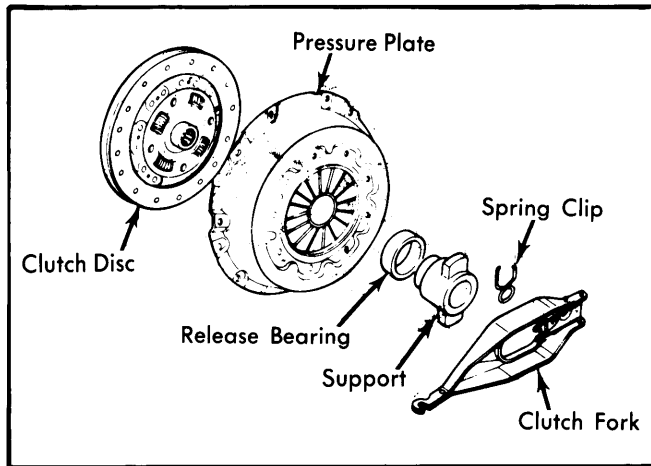


Fig. 1 Exploded View of Clutch Components

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

Removal – 1) Disconnect battery ground cable. Remove gearshift assembly. From left side of engine, loosen clutch cable adjusting nuts. Disconnect starter wiring and remove upper starter mounting bolt.

2) Raise and support vehicle at front and rear. Remove propeller shaft. Disconnect speedometer cable. Remove clutch heat shield and cable.

3) Remove lower starter bolt and take out starter. Disconnect exhaust pipe at manifold. Take off flywheel inspection cover.

4) Remove rear crossmember support bolt. With jack placed under transmission, remove crossmember from frame. Slightly lower transmission and disconnect back-up light and CRS switches. Remove transmission-to-engine mounting bolts and pull straight back.

5) Index mark clutch assembly. Insert clutch alignment tool, then remove six mounting bolts and pull out clutch assembly.

Installation – To install, reverse removal procedure noting the following: Use alignment tool to center clutch assembly while tightening mounting bolts. Lightly lubricate transmission input shaft before installing. Refill transmission with SAE 30 engine oil. Adjust clutch.

CLUTCH CABLE

Removal – Loosen clutch lock and adjusting nuts. Raise vehicle and support. Remove heat shield, then separate return spring from release fork. Remove clutch cable from release fork and slide cable through mounting bracket.

Installation – To install, reverse removal procedure and make sure cable is properly fitted to clutch pedal.

PILOT BEARING

Replacement – With clutch and pressure plate removed, use pilot bearing remover tool J-23907 (or equivalent) and remove bearing. To fit new pilot bearing in crankshaft use installer tool J-26516 (or equivalent). Drive bearing in until bottom face of bearing is seated into place. Install all remaining components in reverse of removal procedure.

ADJUSTMENT

CLUTCH PEDAL HEIGHT

Adjust clutch pedal height, measured from floor, to 6.2" (153 mm) by rotating clutch switch located behind pedal. When correct height is reached, tighten lock nut. Check and adjust clutch pedal free play.

CLUTCH FREE PLAY

Loosen both locking nut and adjusting nut on clutch cable. See Fig. 2. Take up cable slack by pulling cable forward. Turn adjustment nut until pedal free play is about $\frac{3}{8}$ " (.625 mm). Tighten lock nut.

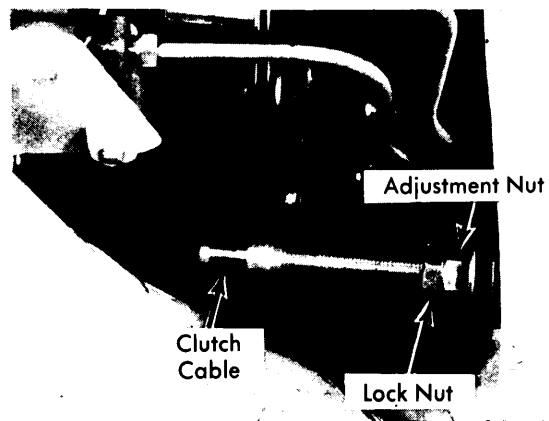


Fig. 2 Clutch Free Play Adjustment Location – Adjustment Nut Moves Along Threaded Rod

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Clutch Assembly-to-Flywheel.....	13 (1.8)
Release Fork Ball Stud.....	30 (4.2)