

CHRYSLER CORP.

Front Wheel Drive Models

DESCRIPTION

Clutches are a single plate dry disc design. A 3 finger release system is used. The 3 pressure plate release levers are preset during manufacture and no attempt should be made to adjust them.

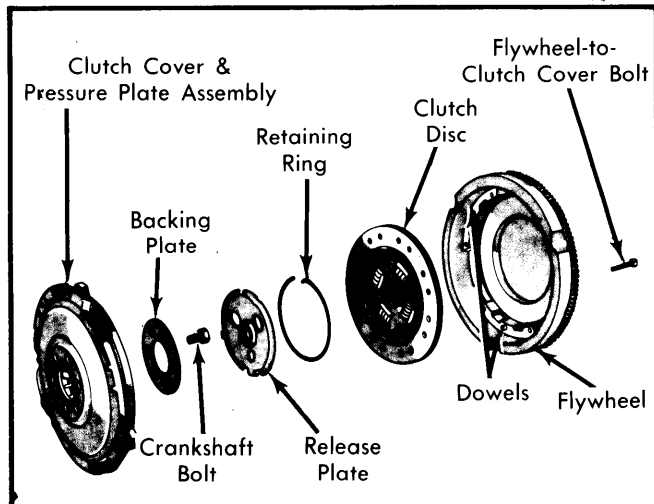


Fig. 1 Exploded View of Chrysler Corp. Clutch Assy. (Horizon, Omni & Rampage Shown)

REMOVAL & INSTALLATION

CLUTCH

Removal (Horizon, Omni & Rampage) – 1) Remove transaxle. Diagonally loosen bolts attaching flywheel to pressure plate, backing off 1 turn at a time to keep clutch cover from warping.

2) Remove flywheel and clutch disc from pressure plate. Remove retaining ring and release plate.

3) Mark parts for reassembly reference and loosen pressure plate-to-crankshaft bolts. Remove backing plate and pressure plate.

Installation (Horizon, Omni & Rampage) – 1) Align marks made at removal and install pressure plate and spacer to crankshaft. Install bolts with Loctite (or equivalent) on threads and tighten. Install release plate and retaining ring.

2) Align flywheel dowel with grooved dowel hole in clutch cover. Install clutch disc and flywheel on pressure plate, aligning clutch disc with an aligning tool (L-4533).

3) Install flywheel-to-pressure plate bolts and tighten 2 turns at a time. Remove centering tool and install transaxle.

Removal (All Other Models) – 1) Remove transaxle. Mark clutch cover and flywheel for reassembly reference. Insert clutch alignment tool (C-4676), and loosen clutch cover attaching bolts 1 or 2 turns at a time.

2) Remove pressure plate, cover and disc from flywheel. Remove clutch release shaft and slide release bearing assembly off input shaft seal retainer. Remove fork from release bearing thrust plate.

Installation (All Other Models) – To install, reverse removal procedure. Use a clutch aligning tool to align clutch disc before tightening clutch cover.

ADJUSTMENT

PEDAL ADJUSTMENT

NOTE – All models except Horizon, Omni and Rampage use self-adjusting clutches.

Horizon, Omni & Rampage – Pull up on clutch cable and rotate sleeve on bottom of cable downward until snug contact is made against grommet. Free play should be $\frac{1}{4}$ ".

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N·m)
Horizon, Omni & Rampage	
Pressure Plate-to-Crankshaft Bolts	55 (74)
Flywheel-to-Pressure Plate Bolts	15 (20)
All Others	
Clutch Cover-to-Flywheel Bolts	21 (28)
Flywheel Bolts	
1.7L Engine	55 (74)
2.2L Engine	60 (81)