1973 HONDA CIVIC

Civic (1973)

DESCRIPTION

Clutch is single plate dry disc type, using a diaphragm spring to engage pressure plate. Clutch has a mechanical release system consisting of clutch pedal, cable, clutch release lever, and release bearing.

REMOVAL & INSTALLATION

CLUTCH ASSEMBLY

1) Raise and support front of vehicle and remove front wheels. Disconnect battery ground cable at battery and transmission case. Remove electrical leads to starter and remove starter. Disconnect clutch cable at release arm, speedometer cable, and electrical leads to transmission.

2) Disconnect lower arm ball joints at knuckles using a suitable ball joint remover tool (07941-6340000). Pull driveshafts out of differential case. Drive gear shift rod retaining pin out with a pin driver, and disconnect rod at transmission case. Disconnect gear shift extension at clutch housing.

3) Raise and support engine to take load off engine mounts. Remove the two center beam-to-lower engine mount nuts. Remove center beam and engine mount. Reinstall center beam (less mount) and lower engine until it rests on beam.

4) Place a jack under transmission and remove four attaching bolts. Slide transmission away from engine and lower jack until transmission clears vehicle. Loosen pressure plate retaining bolts two turns at a time in a circular pattern, and remove clutch assembly.

5) To install, reverse removal procedure and note the following: Use a suitable aligning pin to center clutch disc on flywheel. When installing pressure plate, align mark on outer edge of flywheel with alignment mark on pressure plate. Tighten pressure plate retaining bolts two turns at a time in a circular pattern to prevent distorting diaphragm spring.

CLUTCH RELEASE LEVER & BEARING

1) With transmission removed, unbend locking tab and remove the 8 mm release arm retaining bolt. Slide release shaft out of transmission case. Slide release arm and release bearing off transmission input shaft as an assembly.

2) Separate release bearing from arm taking care not to damage retaining clip. *NOTE — Attempting to remove or install release bearing with release arm in case will damage retaining clip.* Using a suitable bearing driver, separate release bearing from holder.

3) *NOTE — Bearing is filled with grease and should not be immersed in cleaning solvent.* To install, reverse removal procedure and note the following: Install release bearing with radiused (rounded) side opposite holder. When installing release shaft and arm, place a lock tab washer under retaining bolt.

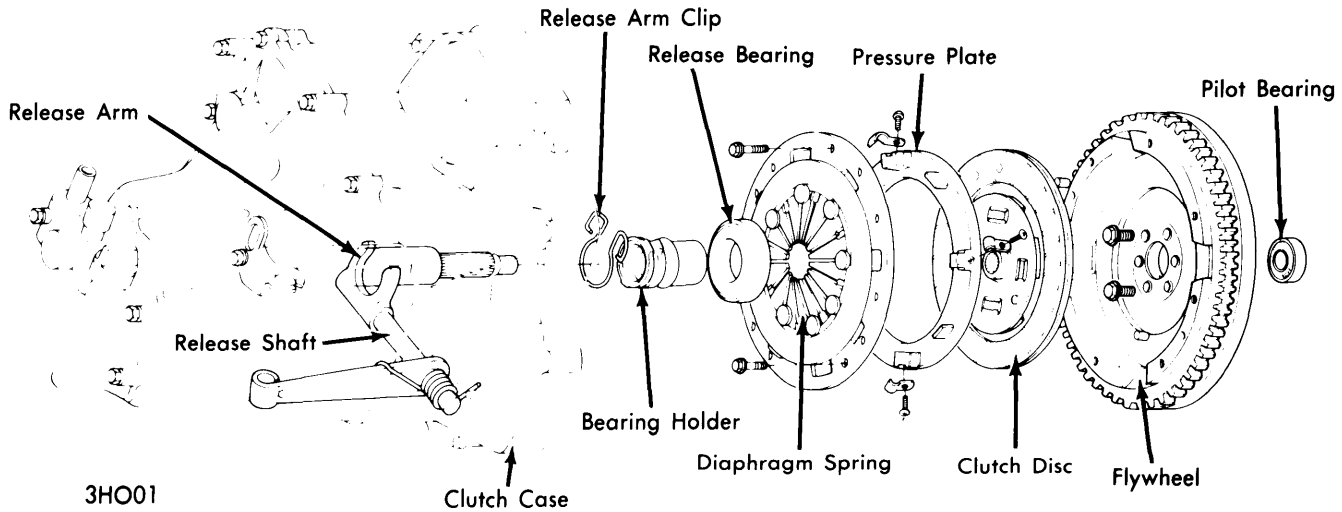
ADJUSTMENT

CLUTCH PEDAL

1) Check clutch pedal height and if necessary, adjust upper stop so that clutch and brake pedals rest at approximately same height from floor. *NOTE — Before adjusting clutch pedal height, make sure brake pedal free play is properly adjusted.*

2) Adjust clutch release lever so it has .12-.16" (3.0-4.0 mm) free play (measured at release lever). Adjustment is made at outer cable housing adjuster near release lever. *NOTE - Make sure upper and lower adjusting nuts are tightened after adjustment.*

3) Check clutch pedal release height as follows: Raise front wheels off ground and place transmission in fourth gear. Depress clutch pedal and start engine. Release pedal until wheels start to turn, and measure pedal height at this point. Pedal release height should be greater than 1.18" (30 mm).



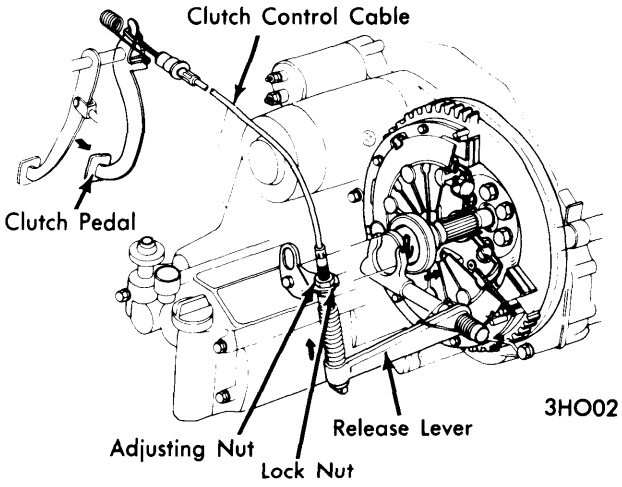
CLUTCH ASSEMBLY

1973 HONDA CIVIC (Cont.)

4) *NOTE – If release lever free play and pedal height are properly adjusted, but pedal release height is not within specifications, clutch components are damaged.*

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Clutch-to-Flywheel	7-10 (1.0-1.4)
Flywheel-to-Crankshaft	34-38 (4.7-5.2)
Release Arm Retaining Bolt	14-20 (1.9-2.7)
Clutch Case-to-Engine	29-36 (4.0-4.9)



CLUTCH ADJUSTMENT COMPONENTS