HONDA ACCORD & CIVIC

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

Removal

1) Place gear selector in neutral. Disconnect battery ground cable at battery and transmission. Disconnect speedometer cable and clutch cable at release arm.

2) Remove transmission side starter mounting bolt and top transmission bolt. Remove front wheels. Disconnect shift lever torque arm from clutch housing. Disconnect shift rod from transmission.

3) On Accord models, disconnect the tie rod ball joints. Remove the lower ball joint pitch bolts and free the arms by tapping downward with a soft faced hammer.

4) On Civic models, remove the stabilizer bar by removing mounting brackets and end nuts. Disconnect right side lower arm ball joints and tie rod ends. Left side axle may be separted from transmission during removal.

5) Turn steering knuckle outward as far as it will go. With screwdriver, pry axles out of transmission approximately 1/2". Slide axles out of housing.

6) Place jack under transmission. Remove engine mount from center beam. On Accord, remove front and rear transmission brackets. On Civic, place a block of wood between center beam and oil pan, then lower jack so that engine rests on center beam.

7) Remove starter and remaining engine-to-transmission bolts. Slide transmission away from engine and lower jack.

NOTE: On Accord models, check diaphragm spring finger height before removing clutch assembly. See Inspection.

8) If reusing bolts, mark pressure plate relative to flywheel. Loosen bolts in a crisscross pattern and lift off clutch assembly.

Inspection

1) On Accord, check diaphragm spring finger height before removing clutch assembly. Maximum difference in finger height is .04" (1.0 mm).

2) Inspect pressure plate surface for wear, cracks or burning. Maximum face warpage is .006" (.15 mm) measured with a straight edge and a feeler gauge.

3) The minmum height of disc friction material above rivet heads is .008" (.2 mm). Place disc on input shaft and check runout. Maximum runout is .039" (1.0 mm).

4) Check flywheel runout using dial indicator. Maximum runout is .006" (.15 mm).

Installation

1) Using a clutch alignment tool, install disc and pressure plate. Tighten bolts 2 turns at a time in a criss-cross pattern. Ensure that 2 dowel pins are installed in clutch housing. Clean and grease release bearing sliding surfaces.

CAUTION: New 26 mm spring clips must be used on both axle shafts. Slide axles in until spring clips engage differential.

2) Complete installation in reverse order of removal. Ensure drain plug is tight and refill transmission with SAE 10W-40 oil. Adjust clutch pedal free play.

CLUTCH RELEASE BEARING

CAUTION: Release bearing is packed with grease. Do not wash in solvent.

Removal (Accord)

Remove bolt holding release fork to release shaft. Slide bearing off input shaft. Separate release arm from bearing by removing clip from hole in release bearing.

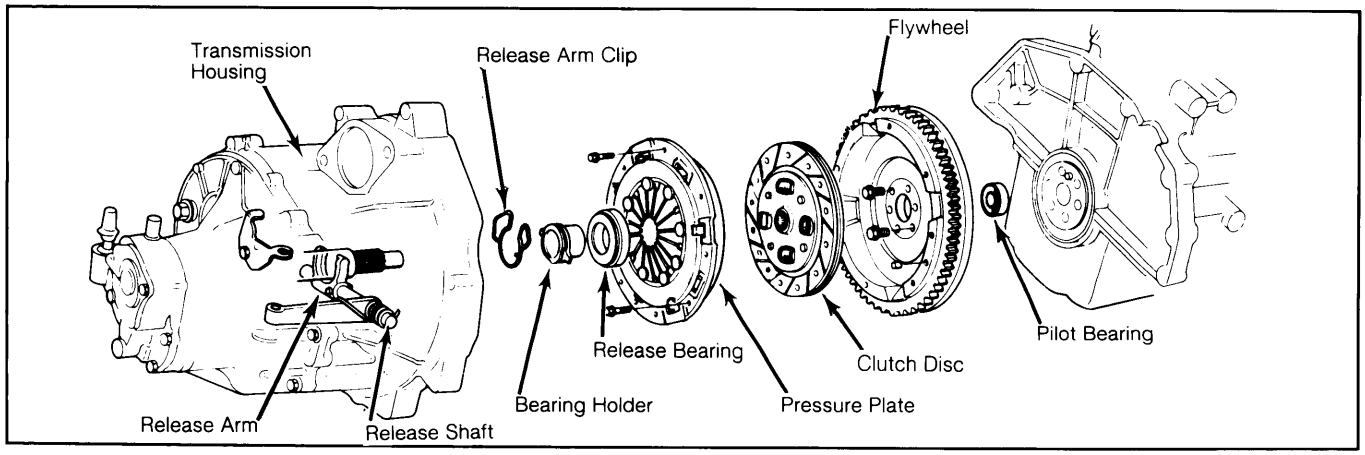
Removal (Civic)

1) With a small screwdriver, carefully pry ends of release bearing clip out of holes in fork. Slide bearing and holder off shaft sleeve. To prevent damaging the clip, DO NOT bend it any further than necessary.

2) Check release bearing for excessive play by spinning by hand. If there is excessive play, replace bearing.

3) Drive holder out of release bearing by using small end of drive attachment (driver 07949-6110000 with attachment 07947-6340300). Drive new bearing onto holder using large end of driver attachment. Radiused shoulder on bearing inner race faces down.

Fig. 1: Exploded View of Clutch Assembly



HONDA ACCORD & CIVIC (Cont.)

Installation

1) Lightly coat all contact surfaces with Molybdenum Disulphide grease and reverse removal procedure. Replace lock plate on shift fork shaft if fork shaft was removed.

2) After installation, pull release arm up, then down to ensure fork fits against bearing holder and holder slides freely on sleeve.

ADJUSTMENT

CLUTCH PEDAL

1) Ensure that pedal return spring holds clutch pedal against stop pad. Turn adjusting nut to give 7/16-9/16" (11.1-14.3 mm) free play at release arm on Civic and 1/4" (6.4 mm) on Accord.

2) Free play at pedal should be 3/8-1 3/16" (10-30 mm) for Accord and .906-1.102" (23-28 mm) for Civic. Disengagement height should be at least 1 1/4" (30 mm) from floor.

3) If pedal play and/or pedal disengagement height exceed these specifications, clutch components may require replacement.

Fig. 2: Clutch Adjustment Nut Location

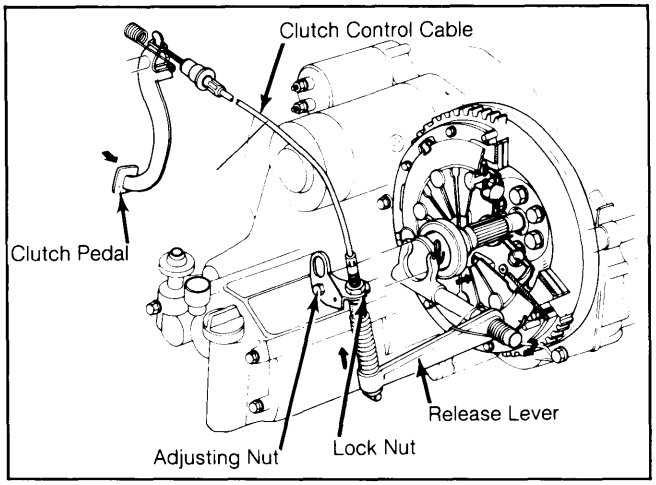


Illustration applies to Accord & Civic models.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Flywheel-to-Crankshaft	50 (68)
Torque Rod Bolts	54 (73)
Pressure Plate-to-Flywheel	9 (12)