HONDA ACCORD

Accord

DESCRIPTION

Clutch is a single plate, dry disc type. Clutch assembly consists of clutch disc, clutch cover and pressure plate assembly, and clutch release mechanism. Clutch release mechanism is hydraulic, consisting of a firewall mounted master cylinder and a slave cylinder mounted to clutch housing. Clutch release fork free play is adjustable.

REMOVAL & INSTALLATION

CLUTCH

Removal – 1) Disconnect battery ground at transmission. Put gear shift in Neutral. Disconnect following electrical wiring.

- Positive battery cable at starter.
- Black/White wire from starter solenoid.
- Yellow/Green wire from temperature sending unit.
- Black/Yellow and Yellow wires from temperature sensor A.
- Black/White and Red wires from temperature sensor B
- Black/Green and Yellow wires from back-up light switch.

2) Disconnect clutch control cable at firewall and release fork. Remove the right side starter bolt and two upper transmission mounting bolts.

3) Raise vehicle. Drain transmission fluid. Remove front wheels. Fit transmission jack squarely under transmission. Remove rightside inner fender panel. Remove speedometer from transmission. Take off sub-frame center support.

4) Remove stop bracket from front of clutch housing. Disconnect lower torque rod at transmission. Use suitable driver and force out shift linkage spring pin at transmission. Disconnect stabilizer bar from both radius rods.

5) Remove lower control arm bolt at rear of arm. Disconnect tie rods at steering knuckle. With steering knuckle at outer most position, pry constant velocity (CV) joint outward approximately ½". Pull stub axle from transmission housing. Remove clutch cover. Remove left starter bolt and starter.

6) Remove engine mounting bolts (3 rear) from transmission housing. Remove single front transmission mounting bolt. Remove transmission. Fit suitable flywheel holding device into flywheel. Remove eight (8) pressure plate mounting bolts. Separate pressure plate from diaphragm spring by removing retainers. Remove clutch disc. Remove six (6) flywheel mounting bolts and slide off flywheel.

Installation – To install reverse removal procedure and note: Make sure flywheel and pressure plate alignment marks are matched. NOTE – *New pressure plates are not indexed.* Use clutch disc alignment tool to ensure all components are properly set. Torque pressure plate bolts in criss-cross pattern. Refill transmission with SAE 10W-40 oil.

CLUTCH MASTER CYLINDER

Removal – Separate clutch pedal operating rod from master cylinder push rod by removing through pin at clevis. Disconnect and plug hydraulic lines. Remove nuts mounting master cylinder to firewall. Make sure brake fluid does not spill on painted surfaces.

Installation – To install master cylinder, reverse removal procedure and note: Bleed hydraulic system.

CLUTCH SLAVE CYLINDER

Removal – Disconnect hydraulic line from slave cylinder. Unhook return spring. Separate threaded rod from end of slave cylinder. Remove slave cylinder mounting bolts and take cylinder off clutch housing.

Installation – To install, reverse removal procedure and note: Bleed hydraulic system.

CLUTCH RELEASE FORK AND BEARING

Removal – With transmission removed, separate slave cylinder push rod from release fork. Slide release fork through slot in clutch housing (inward) and remove fork. Release fork bolt can now be removed, if necessary. Slide bearing out of release fork. Using a driver, release bearing can be separated from holder, if necessary.

Installation – To install, reverse removal procedure and lightly coat all moving parts and contact areas with grease.

OVERHAUL

MASTER CYLINDER

Disassembly – Remove boot and take off snap ring. Use compressed air and force piston assembly from master cylinder. Separate piston, cups, spring retainer, return spring and valve assembly.

Inspection – Check all components for damage or excessive wear. Check cylinder to piston for wear. Clearance should not exceed .006" (.15 mm). Make sure all rubber components are replaced.

Reassembly – To reassemble, reverse disassembly procedure.

HONDA ACCORD (Cont.)

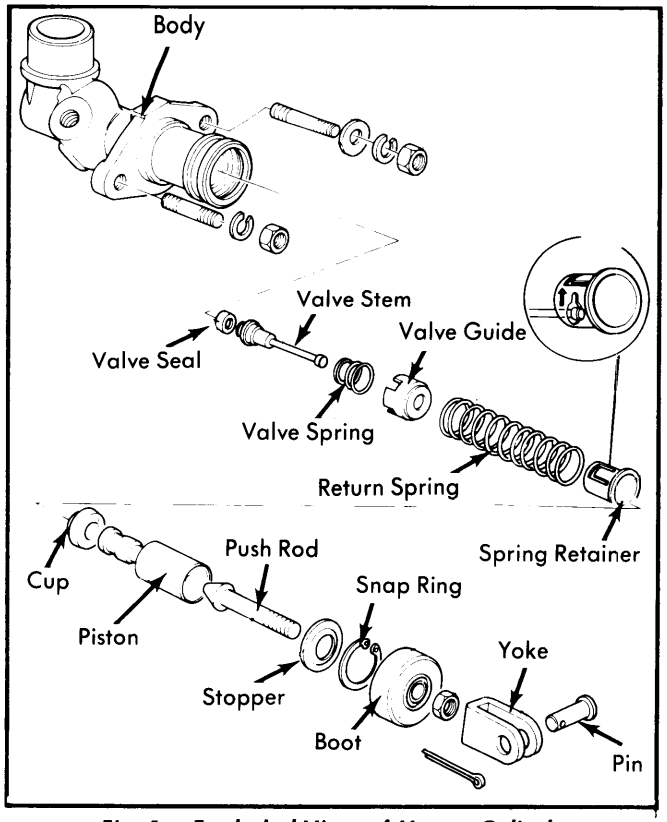

Fig. 1 Exploded View of Master Cylinder

CLUTCH SLAVE CYLINDER

Disassembly – Remove air bleed screw. Pull off dust boot. Force piston out of slave cylinder using compressed air. Take off piston rubber cup. Remove union plug with metal gasket. Carefully lift off valve plate. Remove spring.

Inspection – Check cylinder to piston wear. Clearance should not exceed .006" (.15 mm). Inspect all components for excessive wear or damage. Replace all rubber components with new parts.

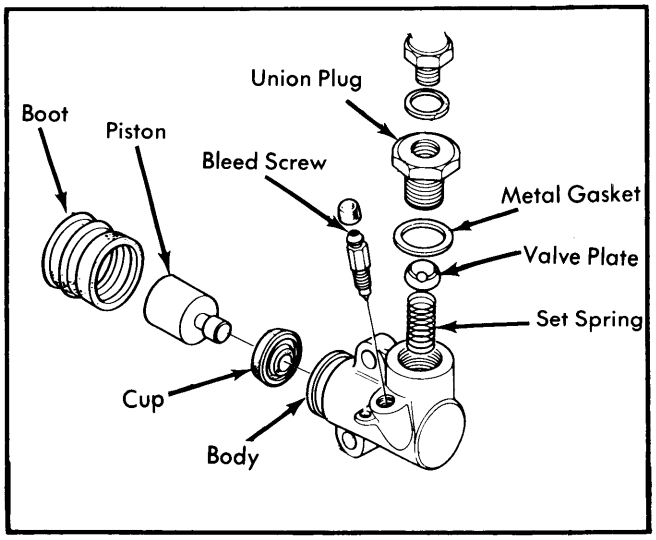

Fig. 2 Exploded View of Slave Cylinder

Reassembly – Reverse disassembly procedure. Lightly coat all components with brake fluid before reassembly.

ADJUSTMENT

CLUTCH PEDAL HEIGHT AND FREE PLAY

Adjust clutch pedal height to 7.24" (184 mm) using pedal stopper bolt. Rotate bolt in direction necessary to bring pedal height into specifications. Adjust pedal free play (clearance between clutch pedal push rod and master cylinder) using nut on master cylinder push rod. Pedal free play should be approximately .04-.12" (1-3 mm).

CLUTCH RELEASE FORK FREE PLAY

Loosen lock nut. Hold push rod end nut stationary and rotate Push rod with screw driver. Rotate counterclockwise to increase free play. After eliminating free play, back out rod 1¾ to 2 turns. Final free play should be .08-.1" (2.0-2.6 mm).

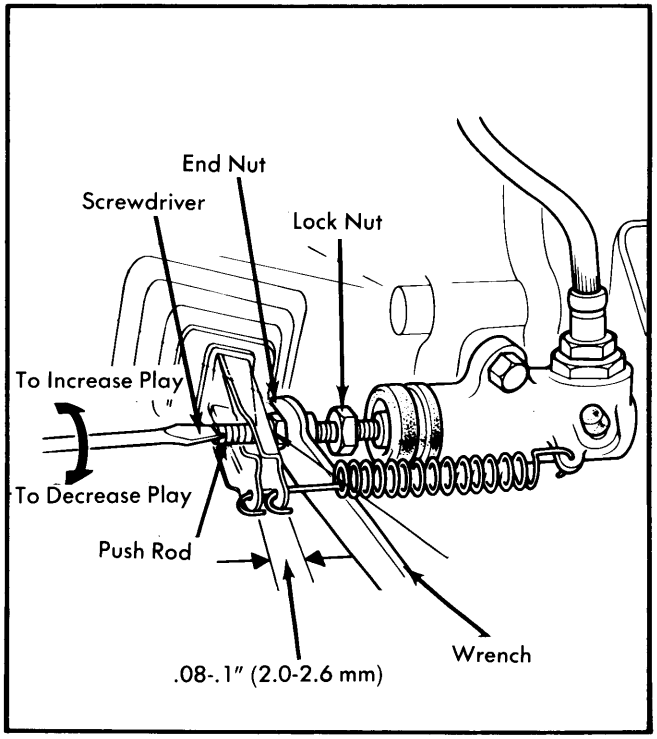

Fig. 3 Clutch Release Fork Adjustment Locations

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs. (mkg)
Master Cylinder-to-Firewall	5-9 (.7-1.2)
Slave Cylinder-to-Clutch Housing	14-18 (1.9-2.5)
Slave Cylinder Hydraulic Line	11-18 (1.5-2.5)
Flywheel	34-38 (4.7-5.3)
Master Cylinder Push Rod Lock Nut	22-29 (3.0-4.0)