

## CLUTCH SLAVE CYLINDER

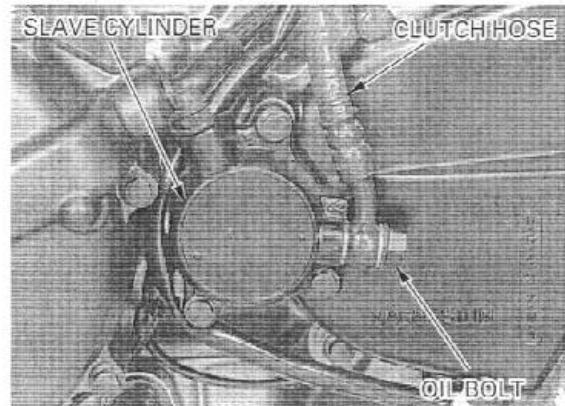
### DISASSEMBLY

Drain the clutch fluid from the hydraulic system (page 9-4).

Disconnect the clutch hose from the slave cylinder by removing the oil bolt and sealing washers.

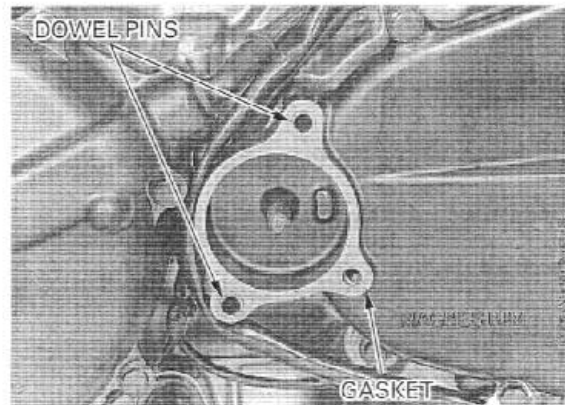
#### CAUTION:

*Avoid spilling clutch fluid on painted, plastic, or rubber parts. Place a rag over these parts whenever the system is serviced.*



Remove the mounting bolts and slave cylinder.

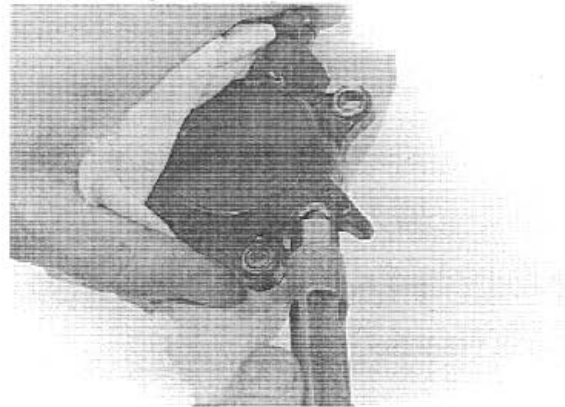
Remove the gasket and dowel pins.



Remove the piston from the slave cylinder. If piston removal is hard, place a shop towel over the piston, position the cylinder body with the piston down and apply small squirts of air pressure to the fluid inlet.

#### ▲WARNING

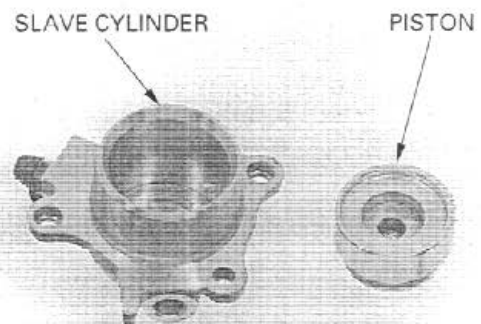
*Do not use high pressure air or bring the nozzle too close to the inlet.*



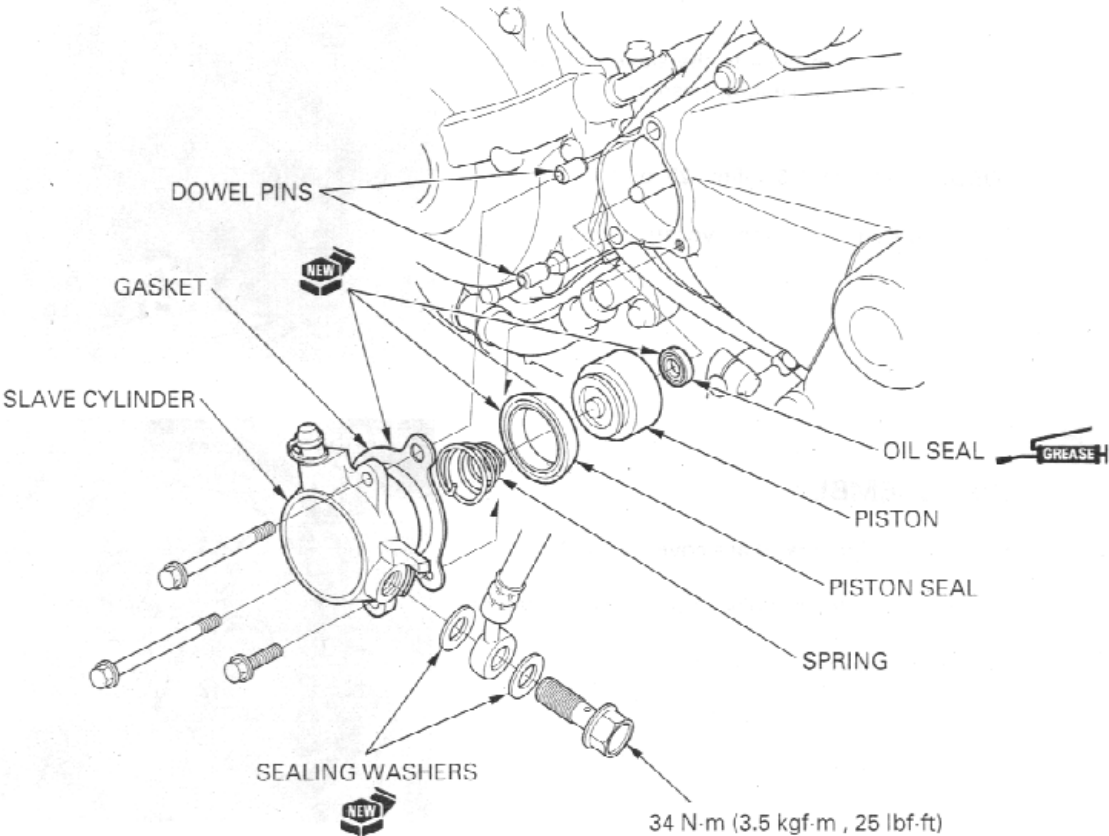
Remove the spring, piston seal and oil seal from the piston.

### INSPECTION

Check the piston spring for weakness or damage. Check the slave cylinder and piston for scoring or damage.

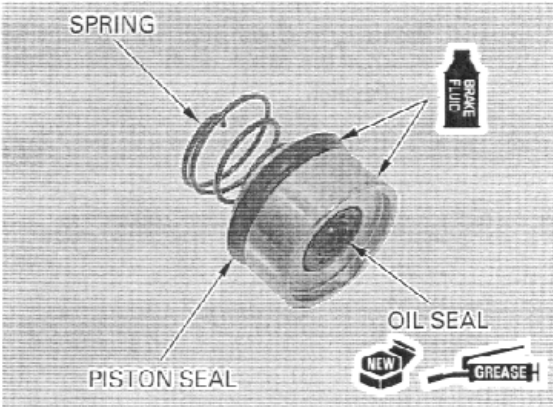


ASSEMBLY

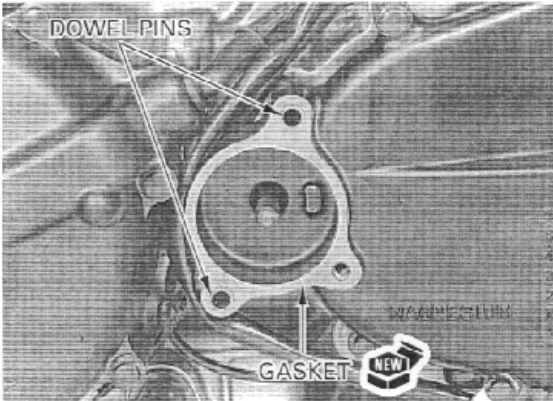


Apply small amount of silicone grease to the lifter rod contacting area of the piston.  
 Apply grease to new oil seal lips and install the oil seal into the piston.  
 Install a new piston seal into the piston groove.  
 Install the piston spring onto the piston.

Coat the piston and piston seal with clutch fluid and install piston and spring into the slave cylinder.



Install the dowel pins and a new gasket.



## CLUTCH/GEARSHIFT LINKAGE

Install the slave cylinder and tighten the mounting bolts securely.

Connect the clutch hose to the slave cylinder with the oil bolt and new sealing washers. Tighten the oil bolt.

**TORQUE:** 34 N·m (3.5 kgf·m , 25 lbf·ft)

Fill and bleed the clutch hydraulic system (page 9-4).

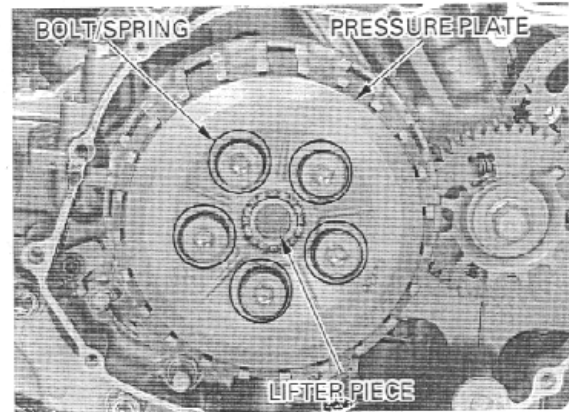


## CLUTCH

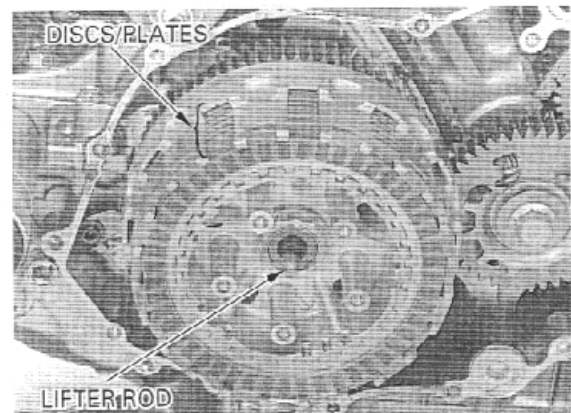
### DISASSEMBLY

Remove the right crankcase cover (page 6-12).

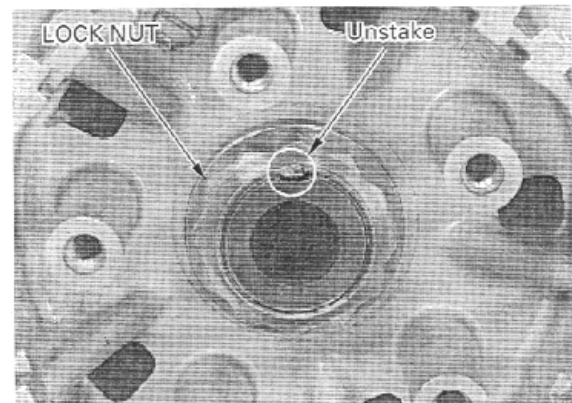
Remove the clutch bolts, springs and pressure plate.  
Remove the clutch lifter piece.



Remove the clutch lifter rod from the mainshaft.  
Remove the clutch discs, plates, judder spring and spring seat.



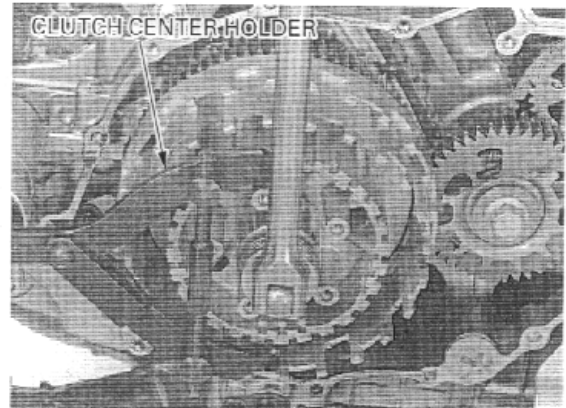
*Be careful not to damage the mainshaft threads.* Unstake the clutch center lock nut.



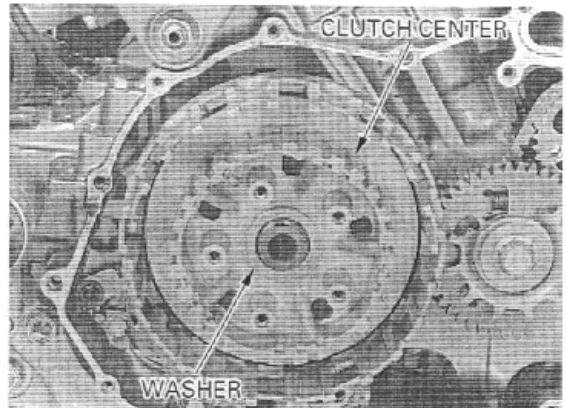
Hold the clutch center with the special tool and remove the clutch center lock nut.

**TOOL:**

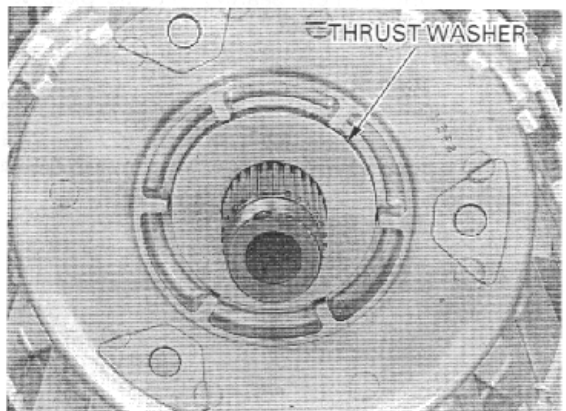
**Clutch center holder** 07724-0050002 or equivalent commercially available in U.S.A.



Remove the special washer and clutch center.



Remove the thrust washer.



*When the oil pump driven sprocket will be removed, loosen the driven sprocket bolt with the clutch outer still installed.*

Align the gear teeth of the scissors gears (primary drive gear and sub-gear) by inserting a screwdriver into the gear holes, and remove the clutch outer.

