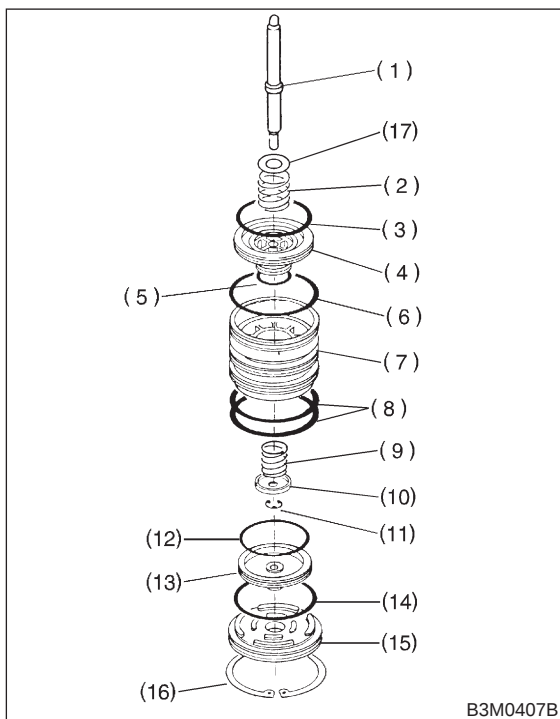


21. Servo Piston

A: DISASSEMBLY



- (1) Band servo piston stem
- (2) Spring
- (3) Lathe cut seal ring
- (4) Band servo piston (1-2)
- (5) Lathe cut seal ring
- (6) O-ring
- (7) Band servo retainer
- (8) O-ring
- (9) Spring
- (10) Retainer
- (11) Snap ring
- (12) Lathe cut seal ring
- (13) Band servo piston (3-4)
- (14) O-ring
- (15) O.D. servo retainer
- (16) Snap ring
- (17) Washer

- 1) Remove the spring.
- 2) Remove the band servo piston (3-4).
- 3) While compressing the retainer from above, remove the snap ring. Then remove the retainer, spring and stem.
- 4) Take out the band servo piston (1-2).

B: INSPECTION

- 1) Check each component for harmful cuts, damage, or other faults.
- 2) Check the O-ring and lathe cut ring for damage.

C: ASSEMBLY

- 1) Install the band servo piston (1-2) to the retainer, and insert the stem.
- 2) Put the spring and retainer on the piston. Fit the snap ring securely while compressing the spring.
- 3) Install the band servo piston (3-4).
- 4) Install the spring securely to the band servo piston (1-2).

CAUTION:

- Always discard old O-rings and lathe cut seal rings, and install new ones.
- Many different O-rings and lathe cut rings are used. Be careful not to confuse them when installing.
- Be careful not to damage O-rings and lathe cut rings.