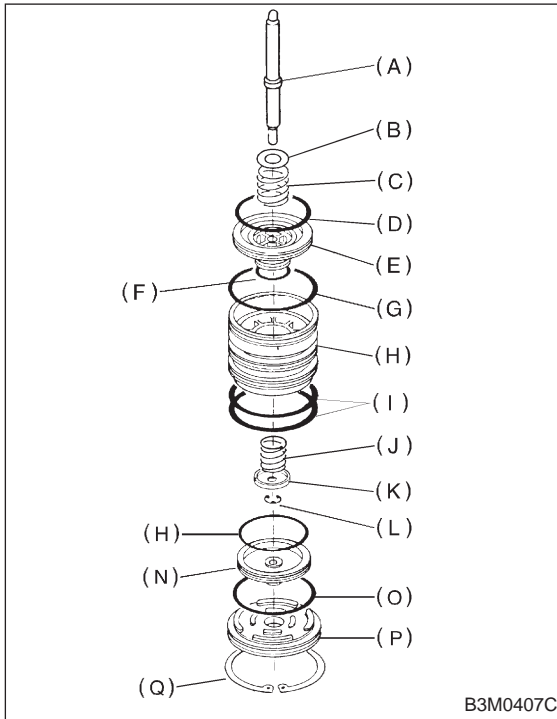


21. Servo Piston

A: DISASSEMBLY



- (A) Band servo piston stem
- (B) Washer
- (C) Spring
- (D) Lathe cut seal ring
- (E) Band servo piston (1-2)
- (F) Lathe cut seal ring
- (G) O-ring
- (H) Band servo retainer
- (I) O-ring
- (J) Spring
- (K) Retainer
- (L) Snap ring
- (M) Lathe cut seal ring
- (N) Band servo piston (3-4)
- (O) O-ring
- (P) O.D. servo retainer
- (Q) Snap ring

- 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:

- 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.