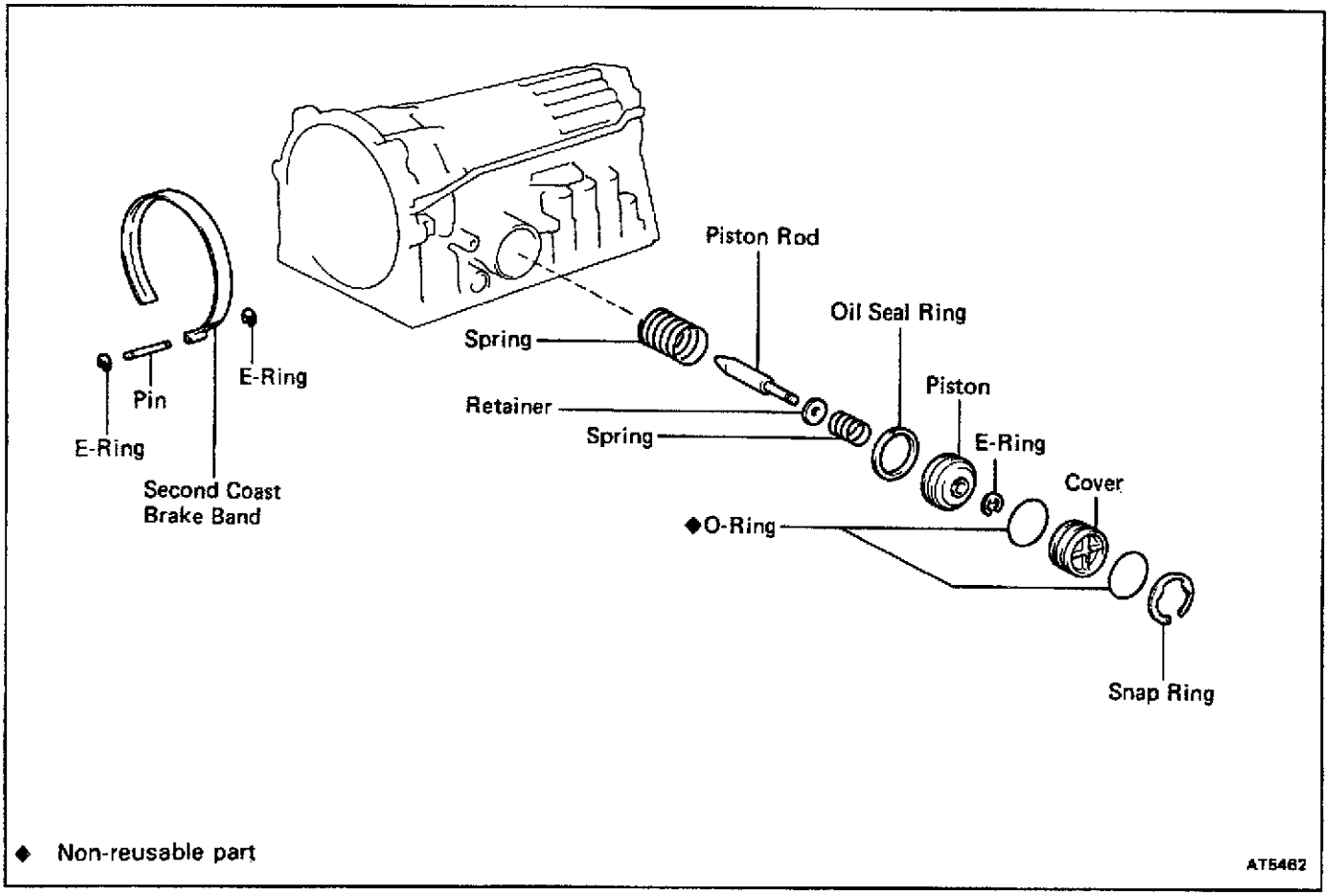
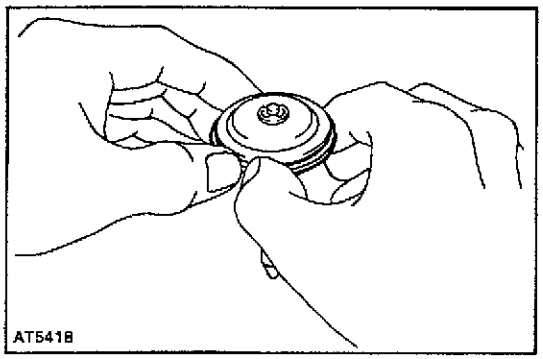
SECOND COAST BRAKE

COMPONENTS

AT0DJ−02

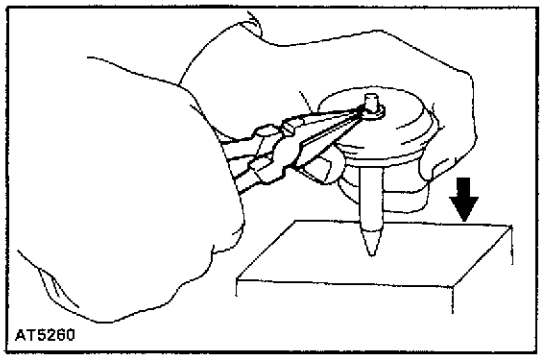




AT0DK−02

SECOND COAST BRAKE PISTON DISASSEMBLY

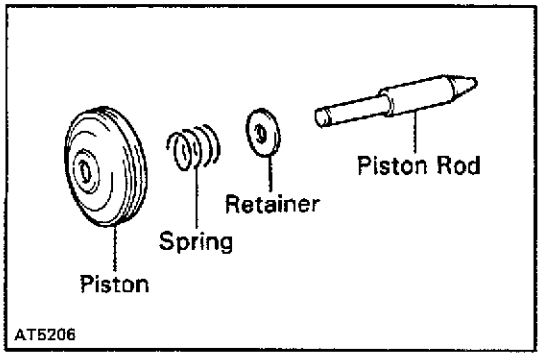
1. REMOVE SECOND COAST BRAKE PISTON OIL SEAL RING



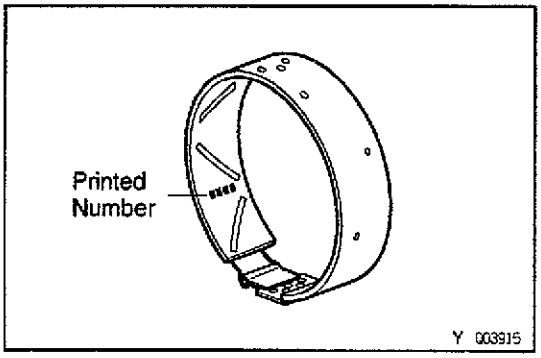
2. REMOVE SECOND COAST BRAKE PISTON ROD

(a) Firmly hold down the piston, then compress the compression spring.

(b) Remove the E−ring.



(c) Remove the compression spring, retainer and piston rod.



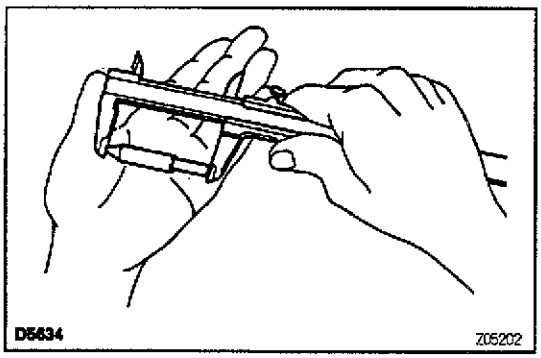
SECOND COAST BRAKE BAND INSPECTION

AT0DL−04

INSPECT BRAKE BAND

If the lining of the brake band is peeling off or discolored, or even if parts of the printed numbers are defaced, replace the brake band.

HINT: Before assembling the new band, soak it in ATF for at least 15 minutes.



SECOND COAST BRAKE PISTON ASSEMBLY

AT0DM−04

1. SELECT PISTON ROD

If the band is OK with piston rod stroke not within the standard value, select a new piston rod.

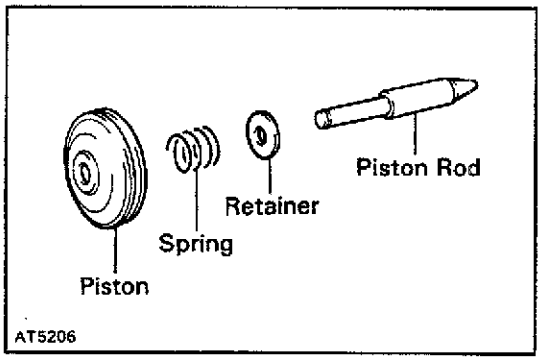
HINT: There are 5 different piston rod lengths.

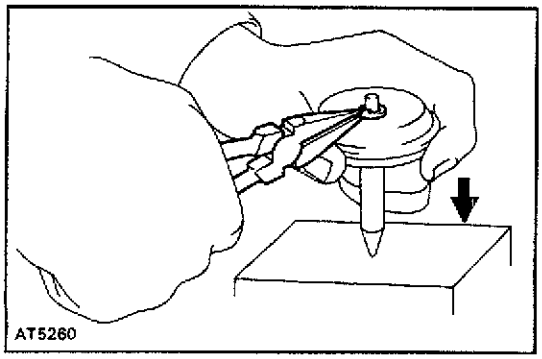
Piston rod length:

70.7 mm (2.783 in.)
71.4 mm (2.811 in.)
72.2 mm (2.843 in.)
72.9 mm (2.870 in.)
73.7 mm (2.902 in.)

2. ASSEMBLE SECOND COAST BRAKE PISTON

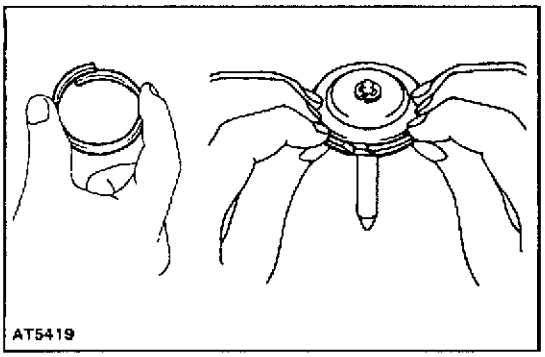
(a) Install the retainer, compression spring and piston to the piston rod.





(b) Firmly hold down the piston, then compress the compression spring.

(c) Install the E−ring.



3. INSTALL SECOND COAST BRAKE PISTON OIL SEAL RING

(a) Coat the oil seal ring with ATF.

(b) Install the oil seal ring to the piston groove, then snug it down by squeezing its ends together.

NOTICE: Do not spread the ring ends more than necessary.