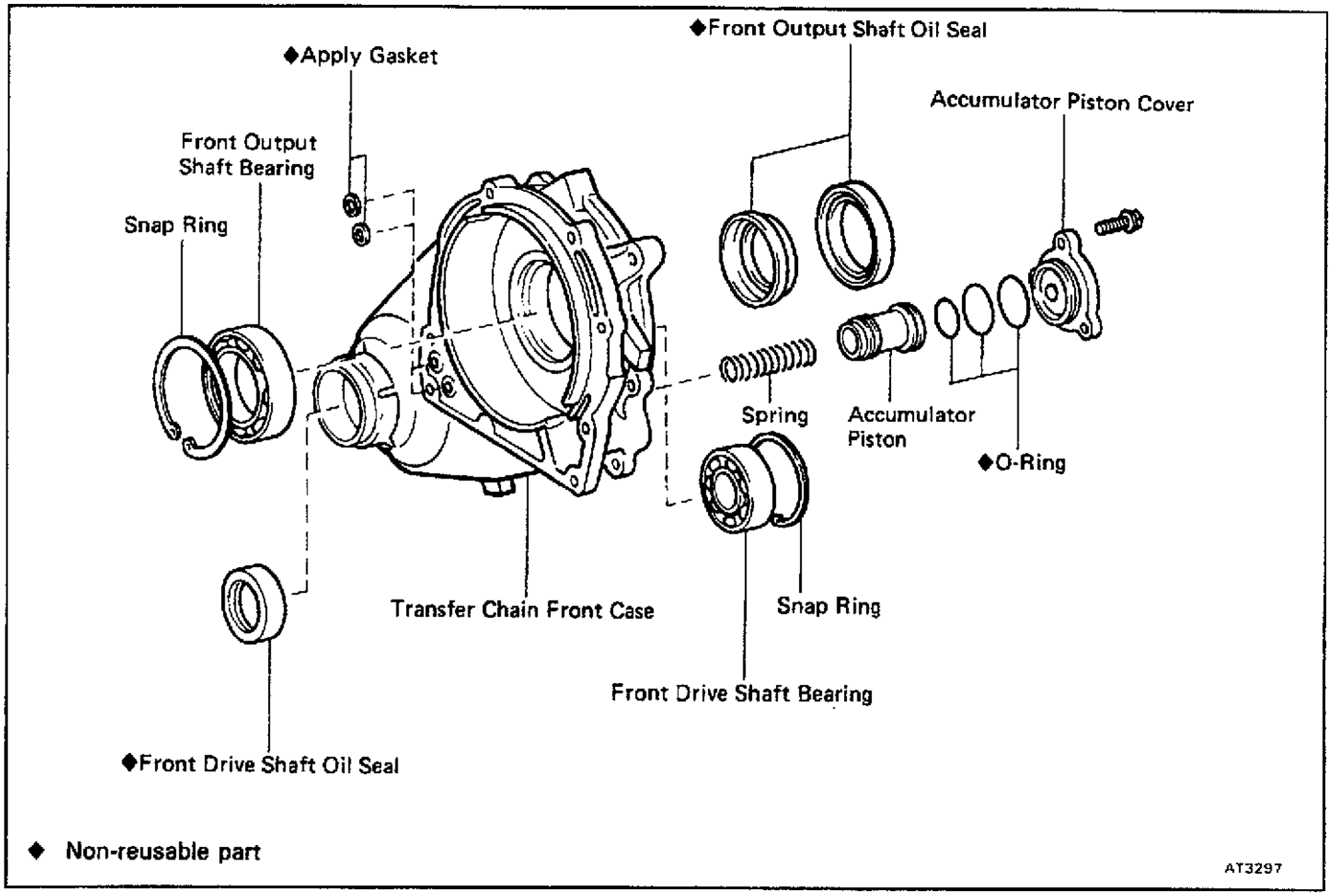
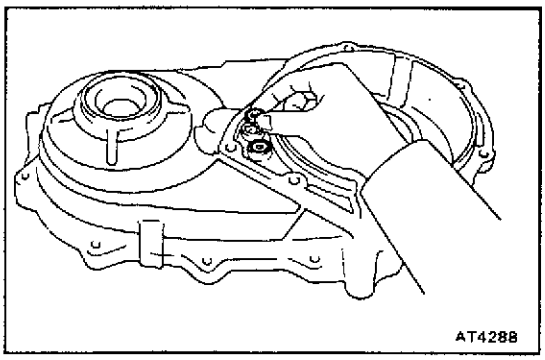
TRANSFER CHAIN FRONT CASE

COMPONENTS

AT0KF–01

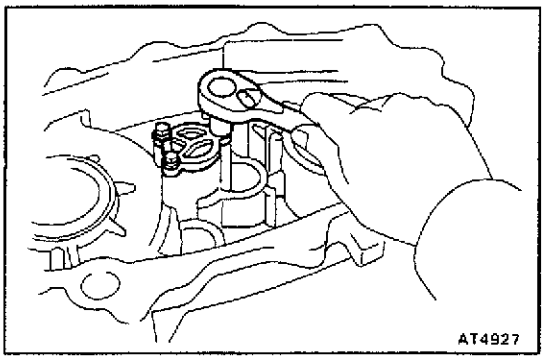




AT0KG–02

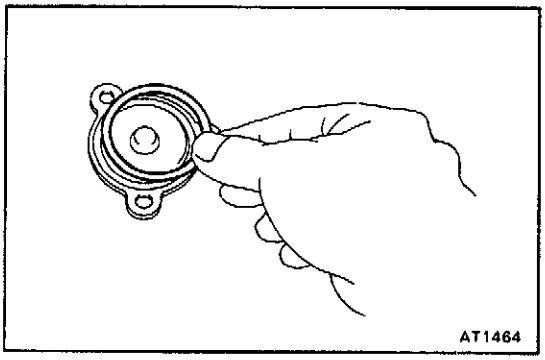
TRANSFER CHAIN FRONT CASE DISASSEMBLY

1. REMOVE 2 APPLY GASKETS

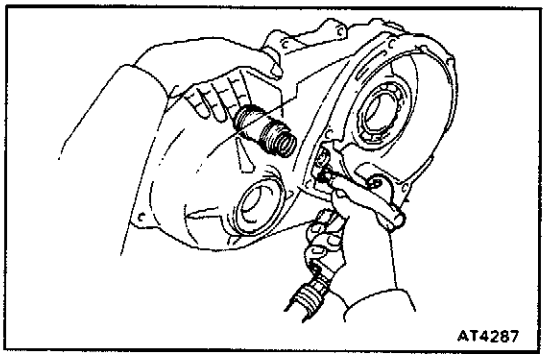


2. REMOVE B_4 ACCUMULATOR PISTON

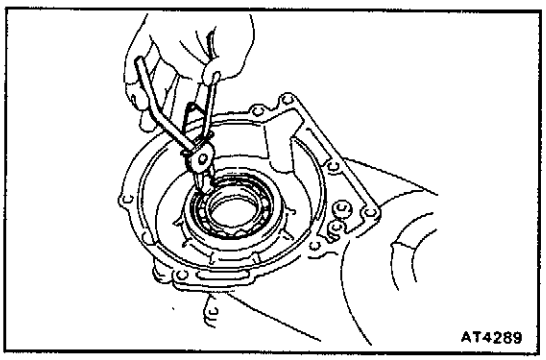
(a) Remove the 3 bolts and the accumulator piston cover.



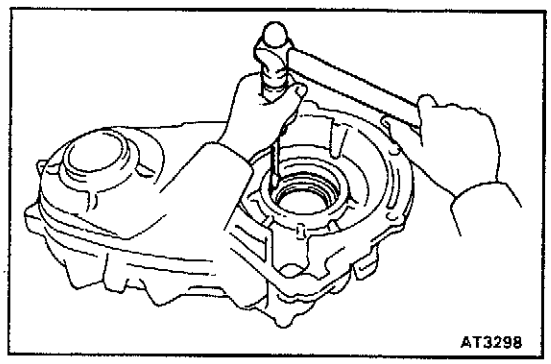
(b) Remove the O — ring from the accumulator piston cover.



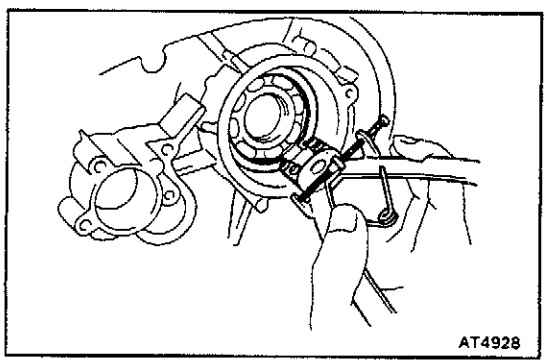
(c) Position a rag to catch the piston. Using low—pressure compressed air (98 kPa, 1 kgf/cm², 14 psi max), pop and remove the piston and spring.
(d) Remove the O—rings from the accumulator piston.



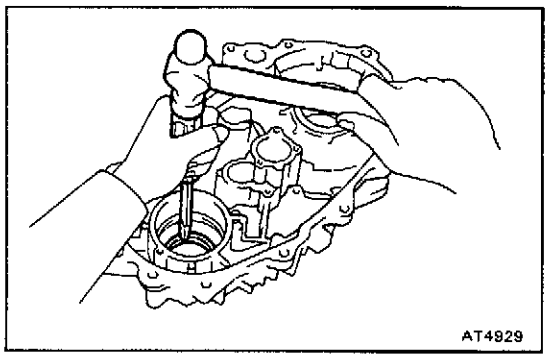
3. REMOVE FRONT OUTPUT SHAFT BEARING
(a) Using snap ring pliers, remove the snap ring.
(b) Remove the bearing.



4. REMOVE FRONT OUTPUT SHAFT OIL SEALS
Using a screwdriver and hammer, drive out the 2 oil seals from the transfer chain front case.

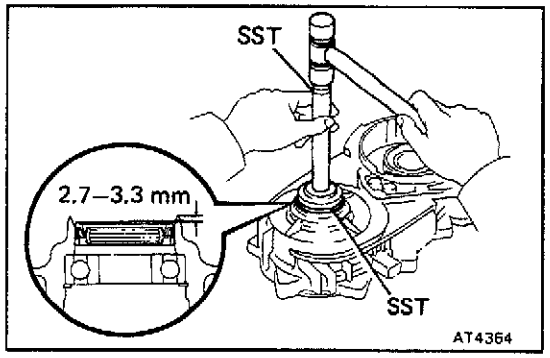


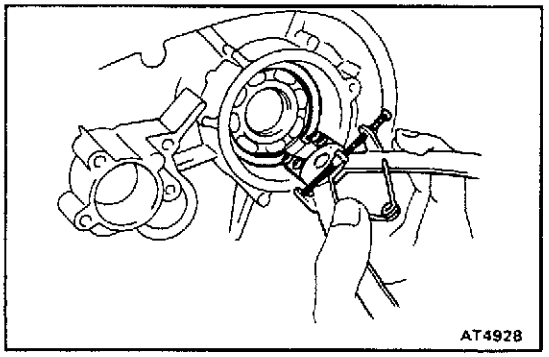
5. REMOVE TRANSFER FRONT DRIVE SHAFT BEARING
(a) Using snap ring pliers, remove the snap ring.
(b) Remove the bearing.



6. REMOVE TRANSFER FRONT DRIVE SHAFT OIL SEAL

Using a screwdriver and hammer, drive out the oil seal from the transfer chain front case.





TRANSFER CHAIN FRONT CASE ASSEMBLY

ATOKH-02

1. INSTALL TRANSFER FRONT DRIVE SHAFT OIL SEAL

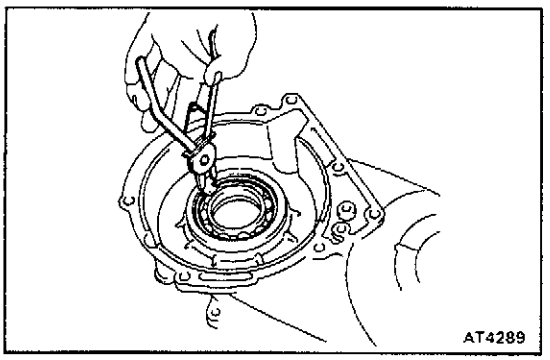
(a) Using SST and a hammer, drive in a new oil seal.
SST 09608–35014 (09608–06020, 09608–06100)
Oil seal depth:
2.7 – 3.3 mm (0.106 – 0.130 in.)

(b) Coat the oil seal lip with MP grease.

2. INSTALL TRANSFER FRONT DRIVE SHAFT BEARING

(a) Install the bearing to the transfer chain front case.

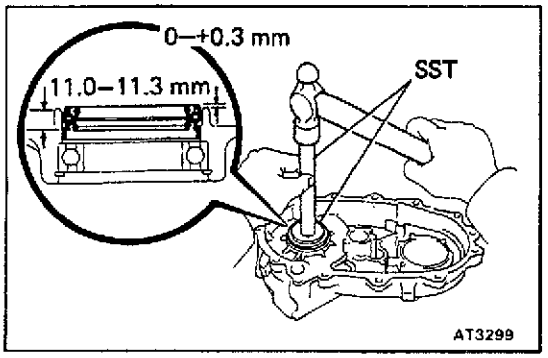
(b) Using snap ring pliers, install the snap ring.



3. INSTALL FRONT OUTPUT SHAFT BEARING

(a) Install the bearing.

(b) Using snap ring pliers, install the snap ring.



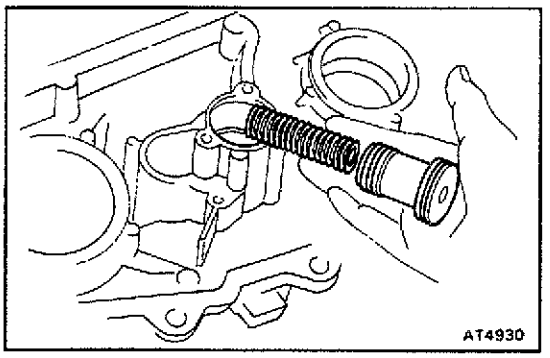
4. INSTALL FRONT OUTPUT SHAFT OIL SEALS

(a) Using SST and a hammer, drive in a new front oil seal.
SST 09608–32010, 09608–35014 (09608–06202)
Oil seal depth:
11.0 – 11.3 mm (0.433 – 0.445 in.)

(b) Using SST and a hammer, drive in a new rear oil seal.
SST 09608–32010, 09608–35014 (09608–06020)
Oil seal depth:
0 – +0.3 mm (0 – +0.012 in.)

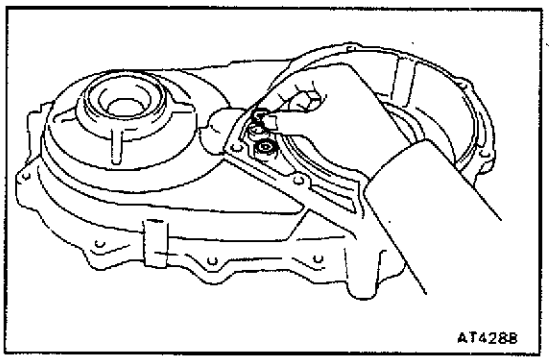
(c) Coat the oil seal lips with MP grease.

AT



5. INSTALL B_4 ACCUMULATOR PISTON

(a) Coat the 2 new O–rings with ATF and install them to the piston.
(b) Install a new O–ring to the accumulator piston cover.
(c) Install the spring and accumulator piston.
(d) Install the accumulator piston cover and torque the 3 bolts.



6. INSTALL NEW APPLY GASKETS