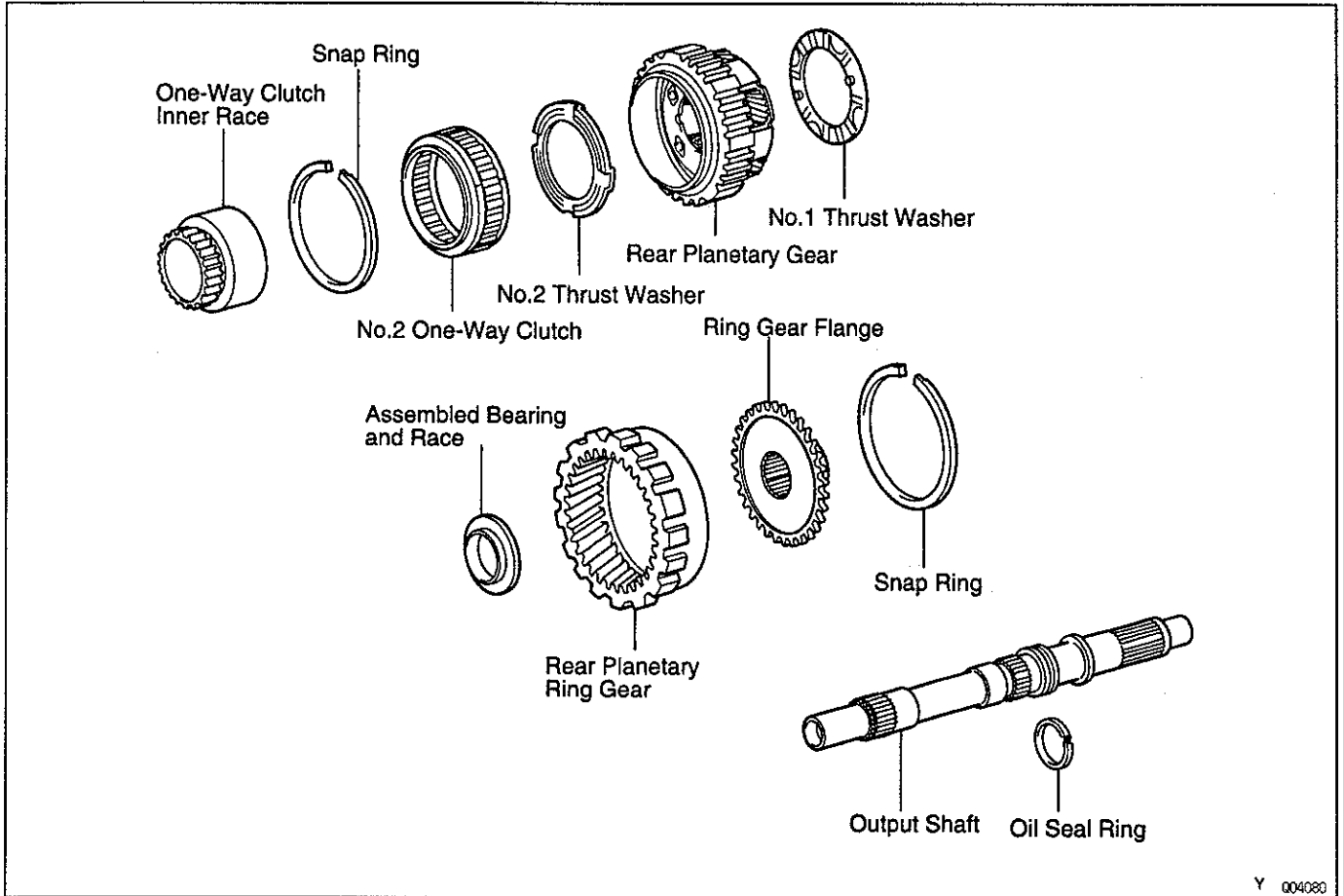
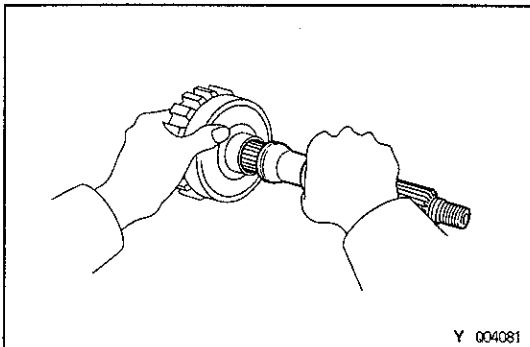


REAR PLANETARY GEAR COMPONENTS

ATOEG-02



Y 004080

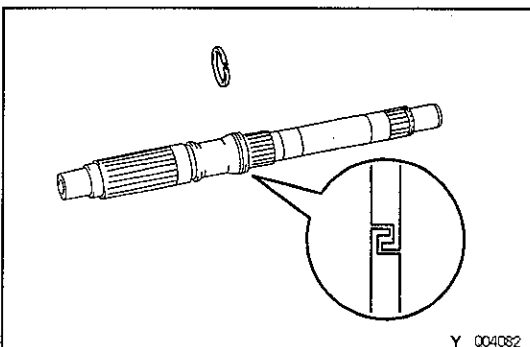


Y 004081

REAR PLANETARY GEAR, NO.2 ONE-WAY CLUTCH AND OUTPUT SHAFT DISASSEMBLY

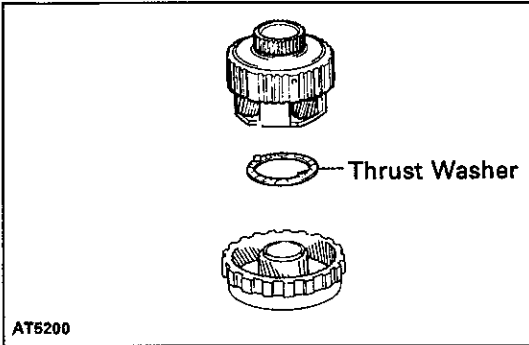
ATOED-02

1. REMOVE OUTPUT SHAFT FROM REAR PLANETARY GEAR ASSEMBLY



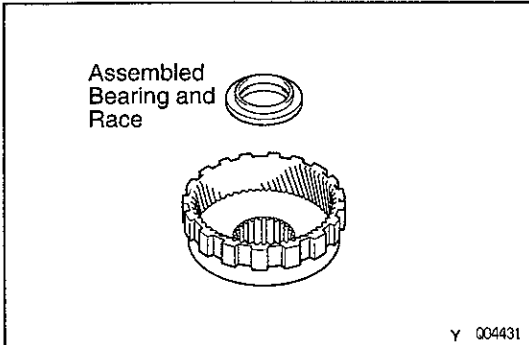
Y 004082

2. REMOVE OIL SEAL RING FROM OUTPUT SHAFT

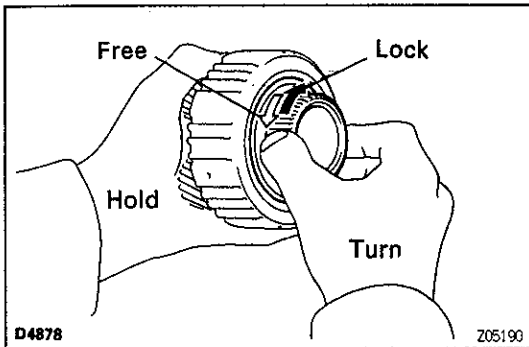


3. REMOVE REAR PLANETARY GEAR FROM REAR PLANETARY RING GEAR

(a) Remove the No.1 thrust washer from the rear planetary gear.

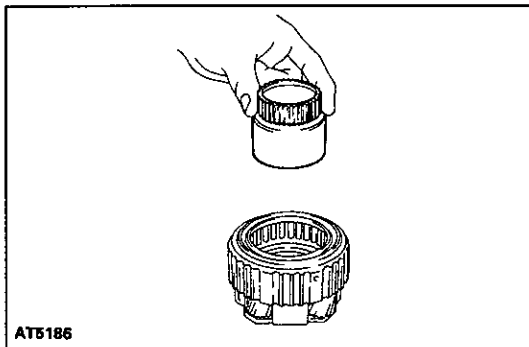


(b) Remove the assembled bearing from the rear planetary ring gear.



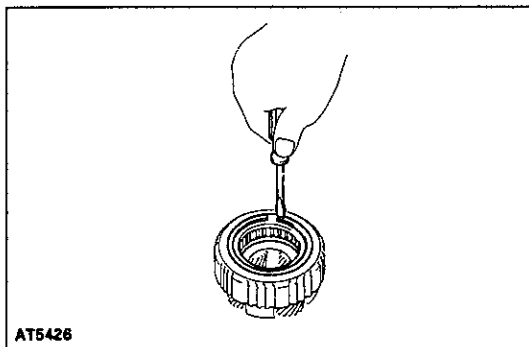
4. CHECK OPERATION OF NO.2 ONE-WAY CLUTCH

Hold the planetary gear and turn the one-way clutch inner race. The one-way clutch inner race must be able to turn freely counterclockwise and locks clockwise.

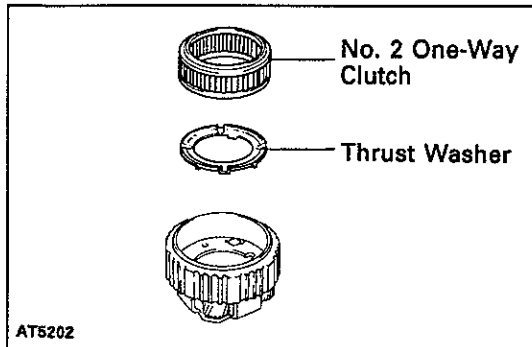


5. REMOVE NO.2 ONE-WAY CLUTCH

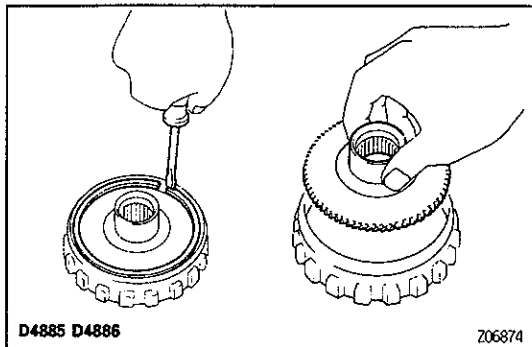
(a) Remove the one-way clutch inner race from the rear planetary gear.



(b) Using a screwdriver, remove the snap ring.

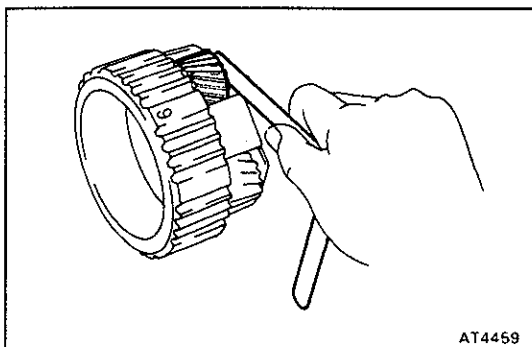


- (c) Remove No.2 one-way clutch with retainers and No. 2 thrust washer from the planetary gear.



6. REMOVE RING GEAR FLANGE

- (a) Using a screwdriver, remove the snap ring.
 (b) Remove the ring gear flange.



REAR PLANETARY GEAR INSPECTION

AT0EE-02

MEASURE PLANETARY PINION GEAR THRUST CLEARANCE

Using a feeler gauge, measure the planetary pinion gear thrust clearance.

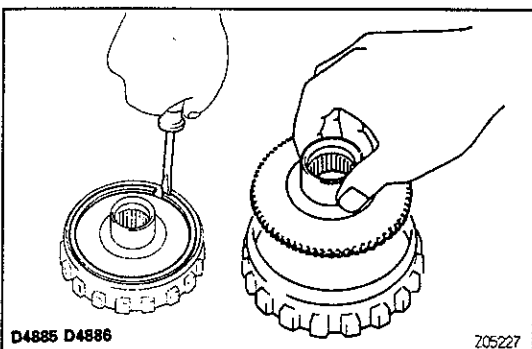
Standard clearance:

0.2 – 0.6 mm (0.008 – 0.024 in.)

Maximum clearance:

1.0 mm (0.039 in.)

If the clearance is greater than the maximum, replace the planetary gear assembly.



REAR PLANETARY GEAR, NO.2 ONE-WAY CLUTCH AND OUTPUT SHAFT ASSEMBLY

AT0EF-02

1. INSTALL RING GEAR FLANGE

- (a) Install the ring gear flange.
 (b) Using a screwdriver, install the snap ring.