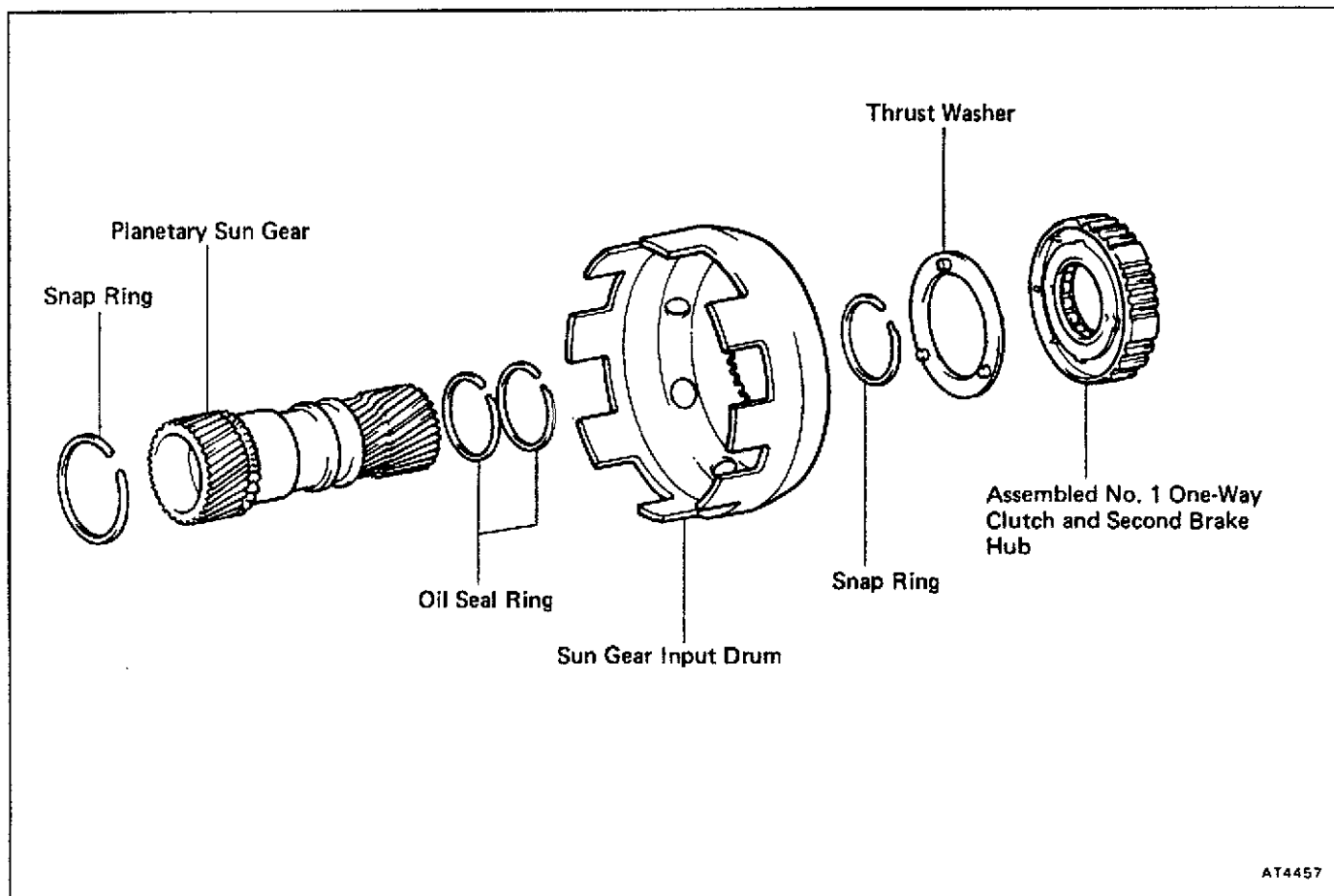
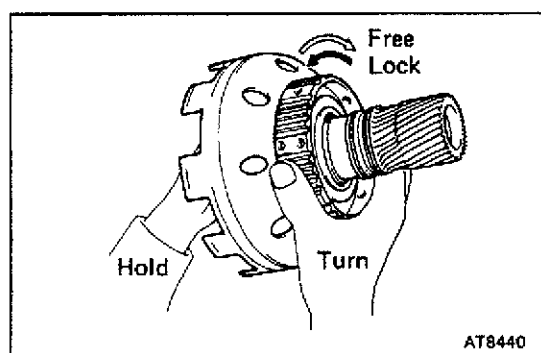


PLANETARY SUN GEAR COMPONENTS

AT06V-06



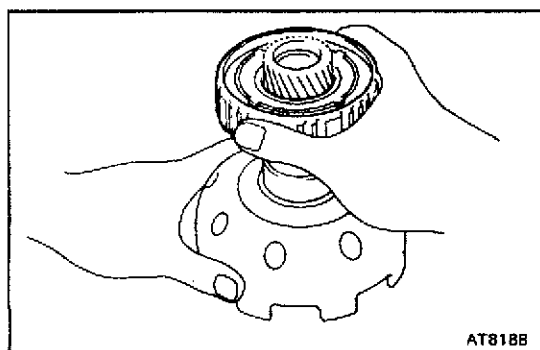
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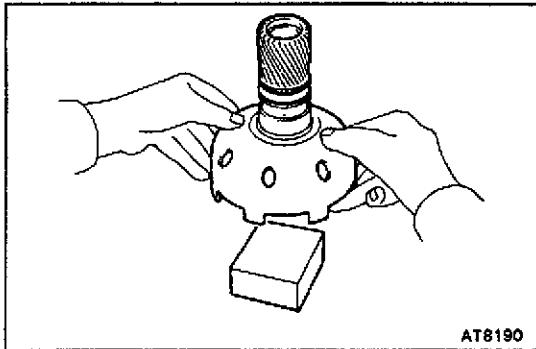
PLANETARY SUN GEAR AND NO.1 ONE-WAY CLUTCH DISASSEMBLY

AT14J-02

- CHECK OPERATION OF NO.1 ONE-WAY CLUTCH**
Hold the planetary sun gear and turn the 2nd brake hub. Check that the 2nd brake hub must be able to turn freely clockwise and locks counterclockwise.
- REMOVE ASSEMBLED NO.1 ONE-WAY CLUTCH AND 2ND BRAKE HUB**
- REMOVE THRUST WASHER FROM SUN GEAR INPUT DRUM**
- REMOVE 2 OIL SEAL RINGS**

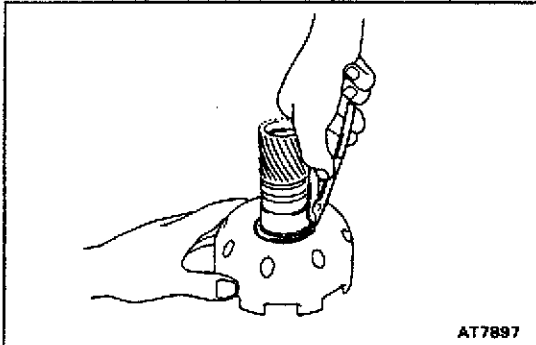


AT



5. REMOVE SUN GEAR INPUT DRUM FROM PLANETARY SUN GEAR

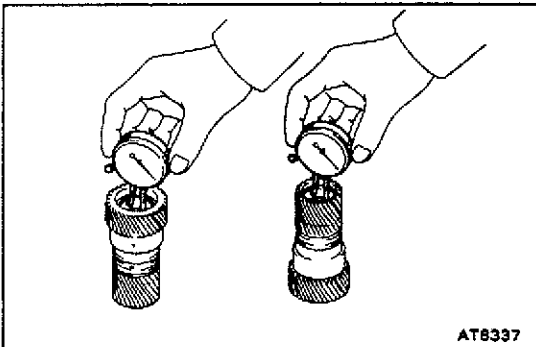
- (a) Use a wooden block or similar, as work stand.



- (b) Using snap ring pliers, remove the snap ring.

- (c) Remove the sun gear input drum from the planetary sun gear.

6. REMOVE SNAP RING FROM PLANETARY SUN GEAR



PLANETARY SUN GEAR INSPECTION

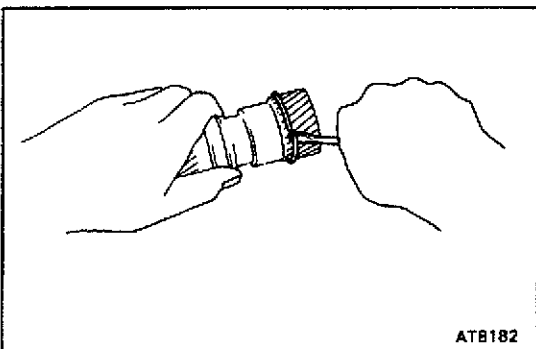
AT06K-06

CHECK PLANETARY SUN GEAR BUSHINGS

Using a dial indicator, measure the inside diameter of the planetary sun gear bushings.

Maximum inside diameter: 27.08 mm (1.0661 in.)

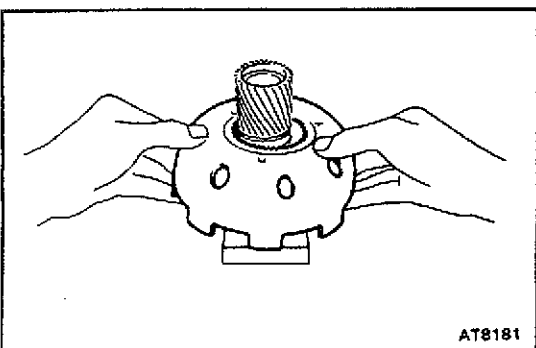
If the inside diameter is greater than the maximum, replace the planetary sun gear.



PLANETARY SUN GEAR AND NO.1 ONE-WAY CLUTCH ASSEMBLY

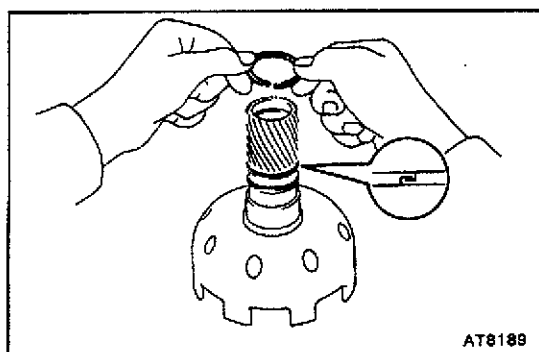
AT14K-02

1. INSTALL SNAP RING TO PLANETARY SUN GEAR



2. INSTALL SUN GEAR INPUT DRUM

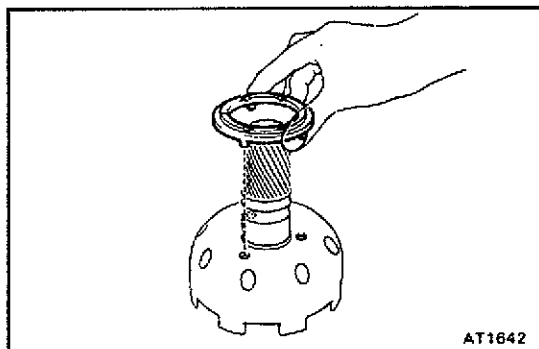
- (a) Place a wooden block or similar, as a work stand and place the planetary sun gear onto it.
- (b) Install the sun gear input drum onto the planetary sun gear.
- (c) Install the snap ring with snap ring pliers.



3. INSTALL OIL SEAL RINGS

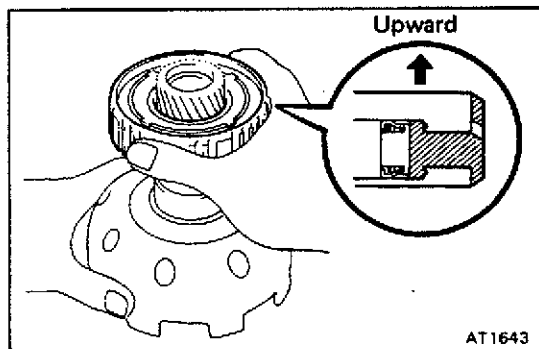
- (a) Coat 2 oil seal rings with ATF.
 - (b) Install the 2 oil seal rings onto the planetary sun gear.
- NOTICE:** Do not spread the ring ends too much.
- HINT:** After installing the oil seal rings, check that they rotate smoothly.

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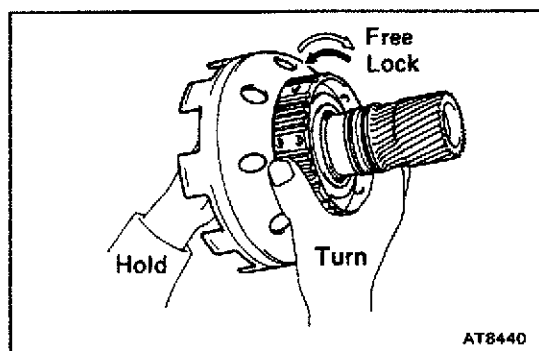


4. INSTALL THRUST WASHER

HINT: Make sure that the lug shapes match the holes on the sun gear input drum.



5. INSTALL ASSEMBLED NO.1 ONE-WAY CLUTCH AND 2ND BRAKE HUB ONTO PLANETARY SUN GEAR



6. CHECK OPERATION OF NO.1 ONE-WAY CLUTCH

Hold the planetary sun gear and turn the 2nd brake hub. Check that the 2nd brake hub must be able to turn freely clockwise and locks counterclockwise.