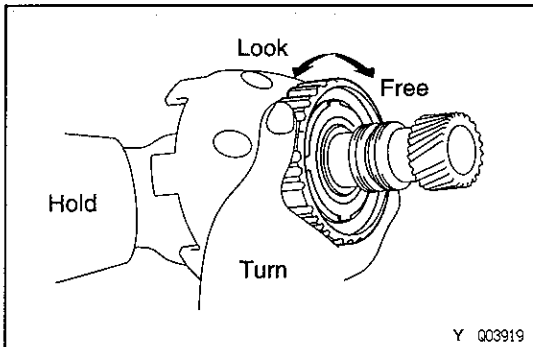
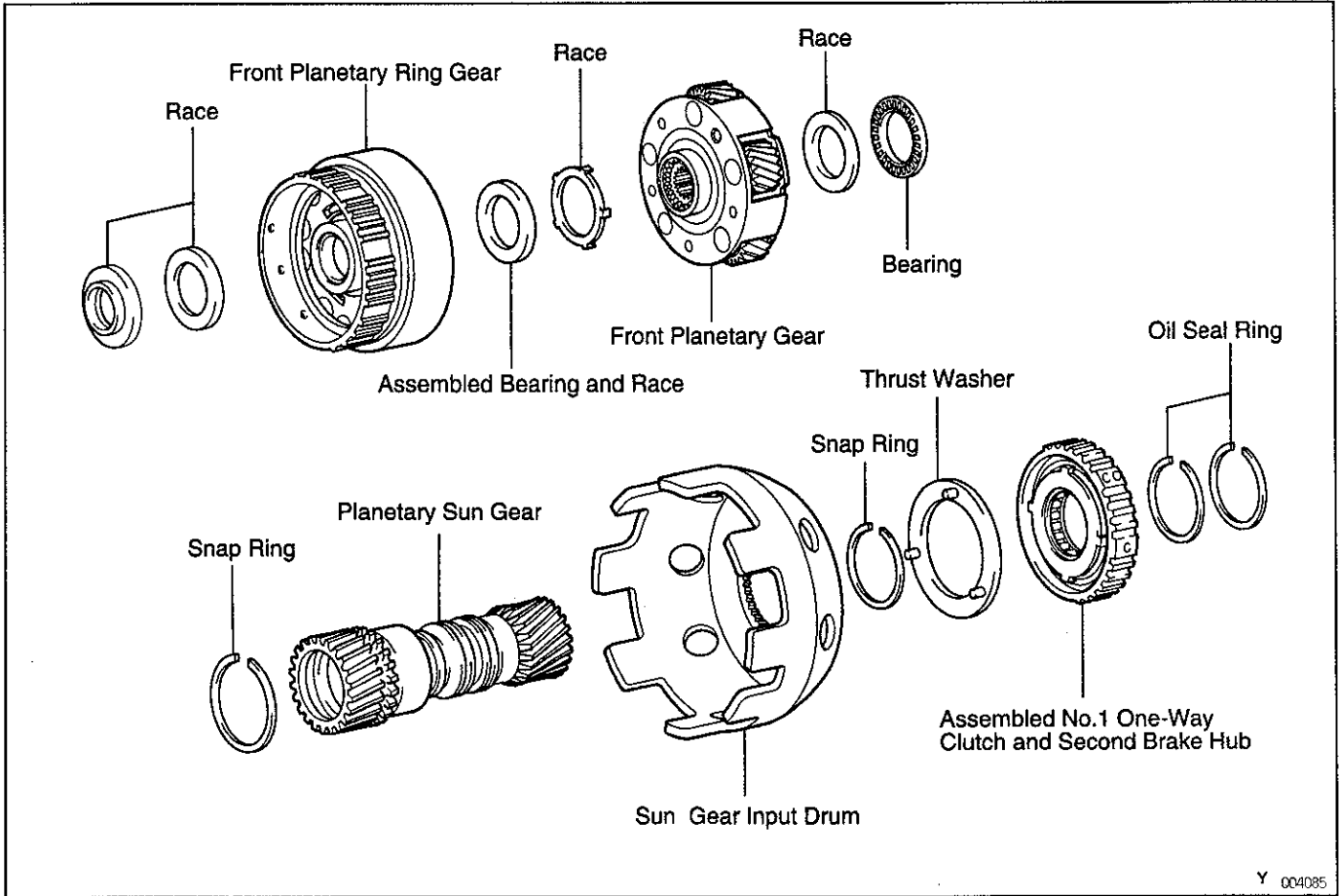


FRONT PLANETARY GEAR COMPONENTS

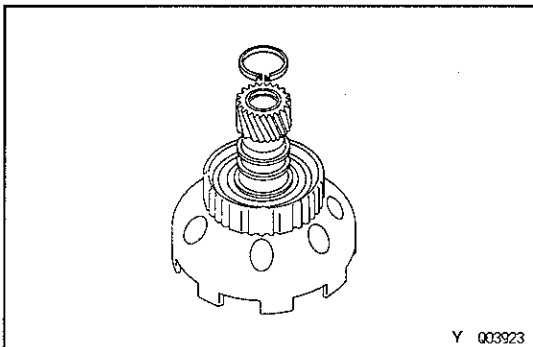
AT0E4-02



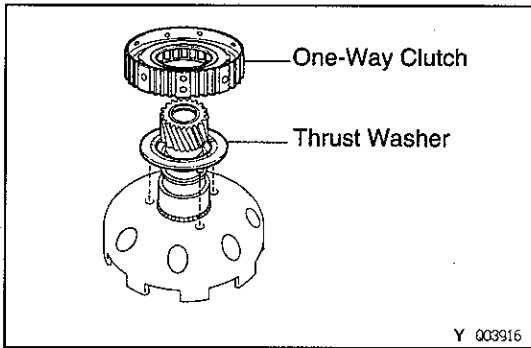
PLANETARY SUN GEAR AND NO.1 ONE-WAY CLUTCH DISASSEMBLY

AT0E5-02

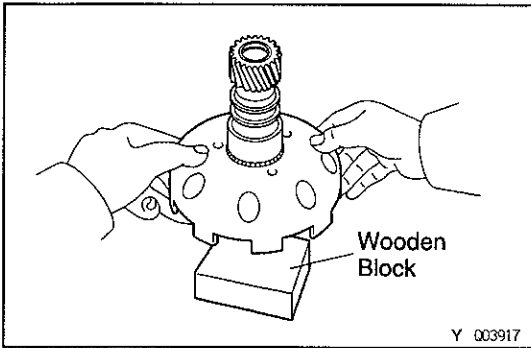
- 1. CHECK OPERATION OF NO.1 ONE-WAY CLUTCH**
Hold the planetary sun gear and turn the second brake hub. Check that the second brake hub turns freely clockwise and locks counterclockwise.



- 2. REMOVE OIL SEAL RINGS**

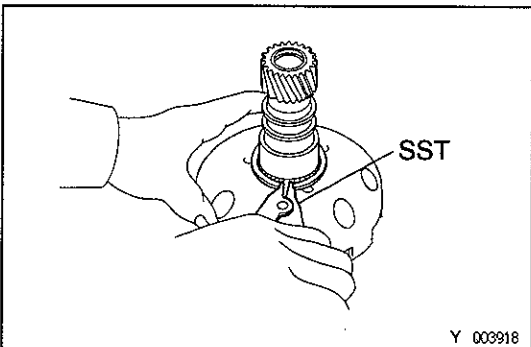


3. REMOVE ONE – WAY CLUTCH AND THRUST WASHER FROM SUN GEAR INPUT DRUM



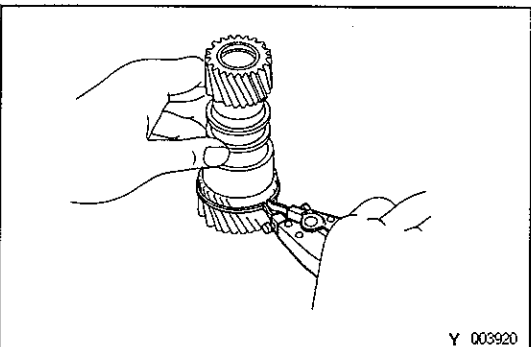
4. REMOVE SUN GEAR INPUT DRUM FROM PLANETARY SUN GEAR

(a) Use a wooden block, etc. as a work stand.



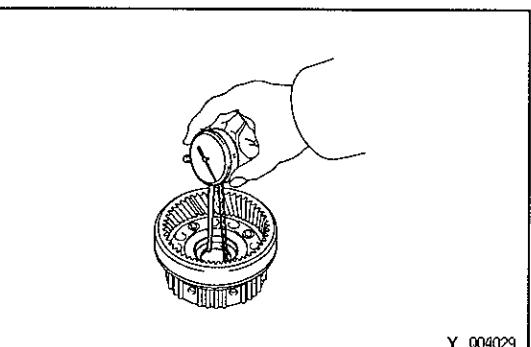
(b) Using SST, remove the snap ring.
SST 09350–30020 (09350–07070)

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



5. REMOVE SNAP RING FROM PLANETARY SUN GEAR

Using a snap ring expander, remove the snap ring from the planetary sun gear.



FRONT PLANETARY GEAR INSPECTION

AT066-02

1. CHECK FRONT PLANETARY RING GEAR BUSHING

Using dial indicator, measure the inside diameter of the planetary ring gear bushing.

Maximum inside diameter:
24.08 mm (0.9480 in.)

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