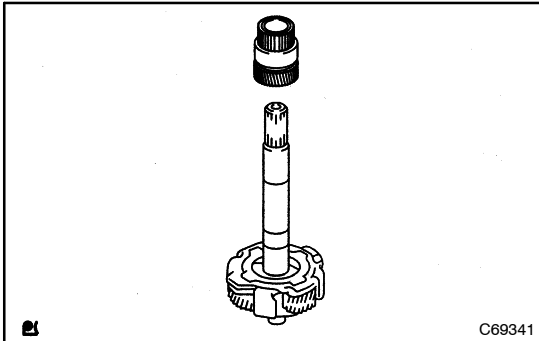
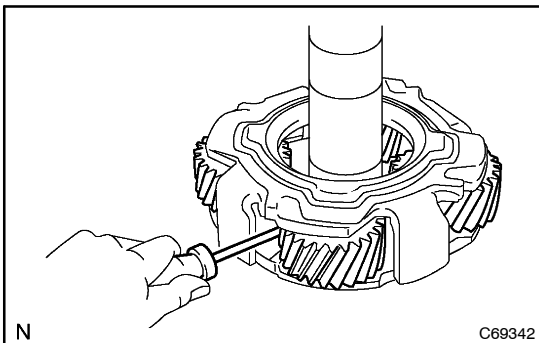


OVERHAUL



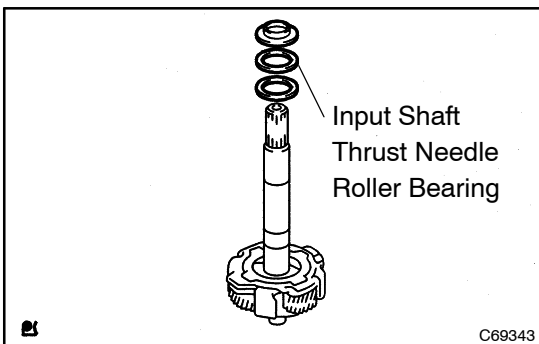
1. REMOVE PLANETARY SUN GEAR SUB-ASSY

- (a) Remove the planetary sun gear from the input shaft.

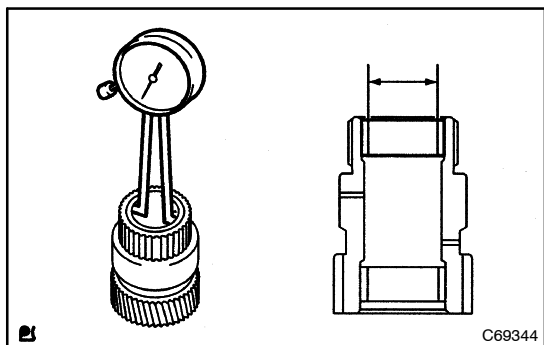


2. REMOVE INPUT SHAFT THRUST BEARING RACE

- (a) Float the input shaft thrust bearing race using a thin flat-head screwdriver if it is attached to the planetary sun gear.



- (b) Remove the input shaft thrust bearing race No.1, No.2 and input shaft thrust needle roller No.1 bearing.



3. INSPECT PLANETARY SUN GEAR SUB-ASSY

- (a) Ensure that there is no damage or color change in the bush.
- (b) Using a caliper gauge, inspect the internal diameter of the planetary gear.

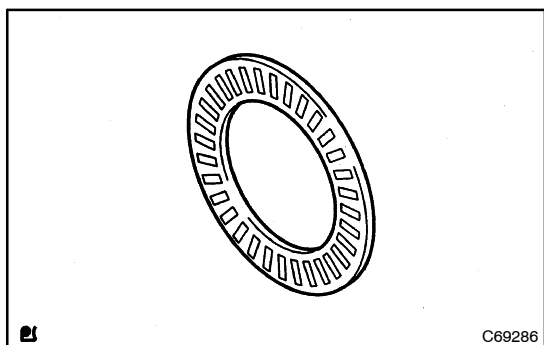
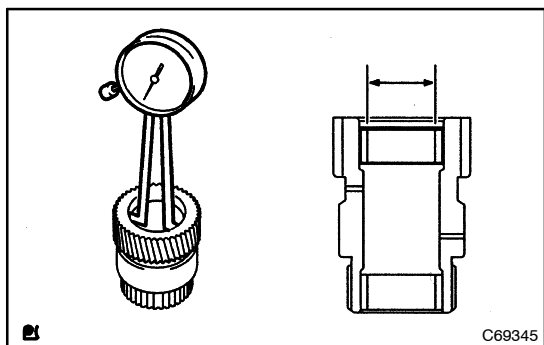
Maximum diameter: 25.596 mm (1.00771 in.)

NOTICE:

Measure the diameter in a number of locations and use the average of the measurements taken.

HINT:

Replace the planetary sun gear with a new one if the measurement exceeds the maximum diameter.

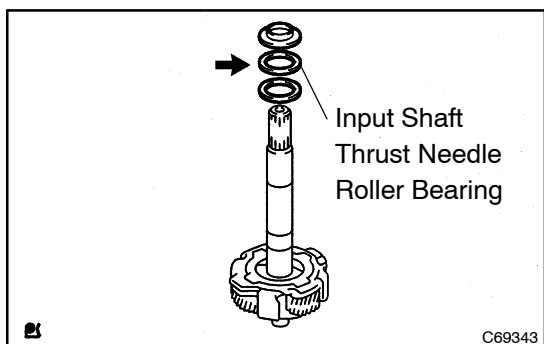


4. INSPECT INPUT SHAFT THRUST NEEDLE ROLLER NO.1 BEARING

- (a) Ensure that there is no abnormal wear or color change in the bearing.

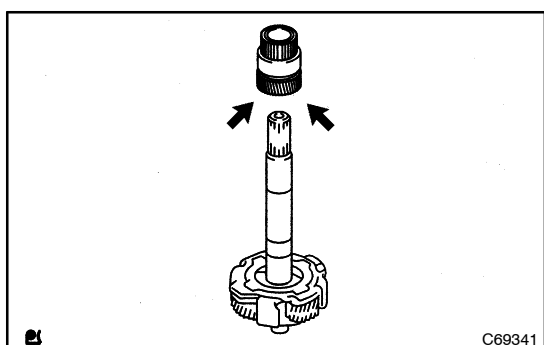
HINT:

Replace the input shaft thrust needle roller bearing with a new one if there is abnormal wear or color change.



5. REMOVE INPUT SHAFT THRUST BEARING RACE

- (a) Apply ATF WS to the sliding surfaces of the bearing and install input shaft thrust bearing No.1, No.2 and input shaft thrust needle roller No.1 bearing.



6. INSTALL PLANETARY SUN GEAR SUB-ASSY

- (a) Apply ATF WS to the bush and install the planetary sun gear to the input shaft.