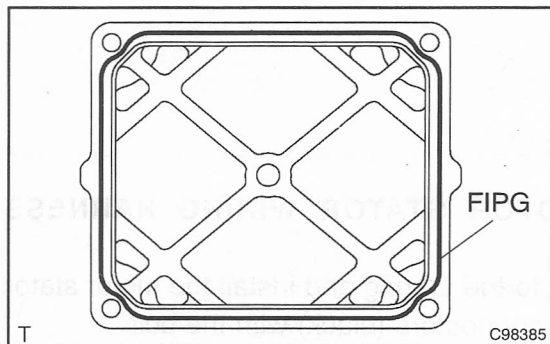


NOTICE:

Clean and degrease the bolts and bolt holes.

- (c) Install the generator cable with the 3 bolts (A).

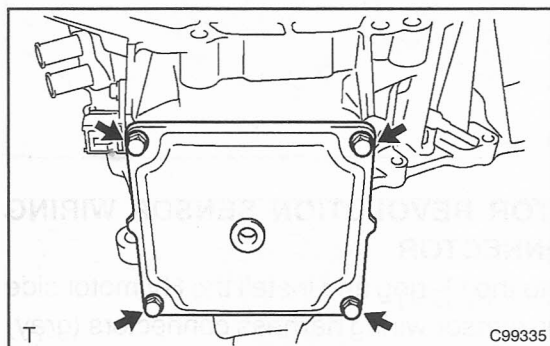
Torque: 8.5 N·m (87 kgf·cm, 75 in·lbf) (bolt A)

**64. INSTALL POWER CABLE COVER**

- (a) Apply seal packing 1281 in a continuous line of beads (diameter 1.5 mm 0.06 in.) as shown in the illustration.

NOTICE:

- **Clean and degrease the installation surfaces.**
- **Install within 10 minutes of applying seal packing.**

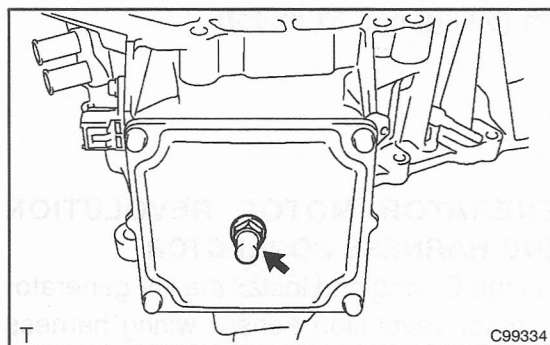


- (b) Apply liquid sealant 1344 to the first 2 or 3 threads of the 4 bolts and install the power cable cover.

Torque: 4.8 N·m (49 kgf·cm, 42 in·lbf)

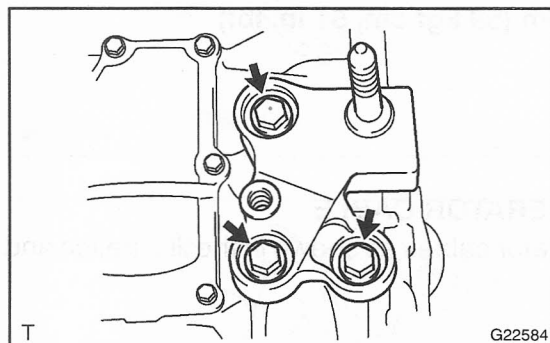
NOTICE:

Clean and degrease the bolts and bolt holes.



- (c) Install the breather plug.

Torque: 11 N·m (112 kgf·cm, 8.1 ft·lbf)

**65. INSTALL ENGINE MOUNTING BRACKET NO.3**

- (a) Apply liquid sealant 1344 to the first 2 or 3 threads of the 3 bolts and install the engine mounting bracket.

Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)

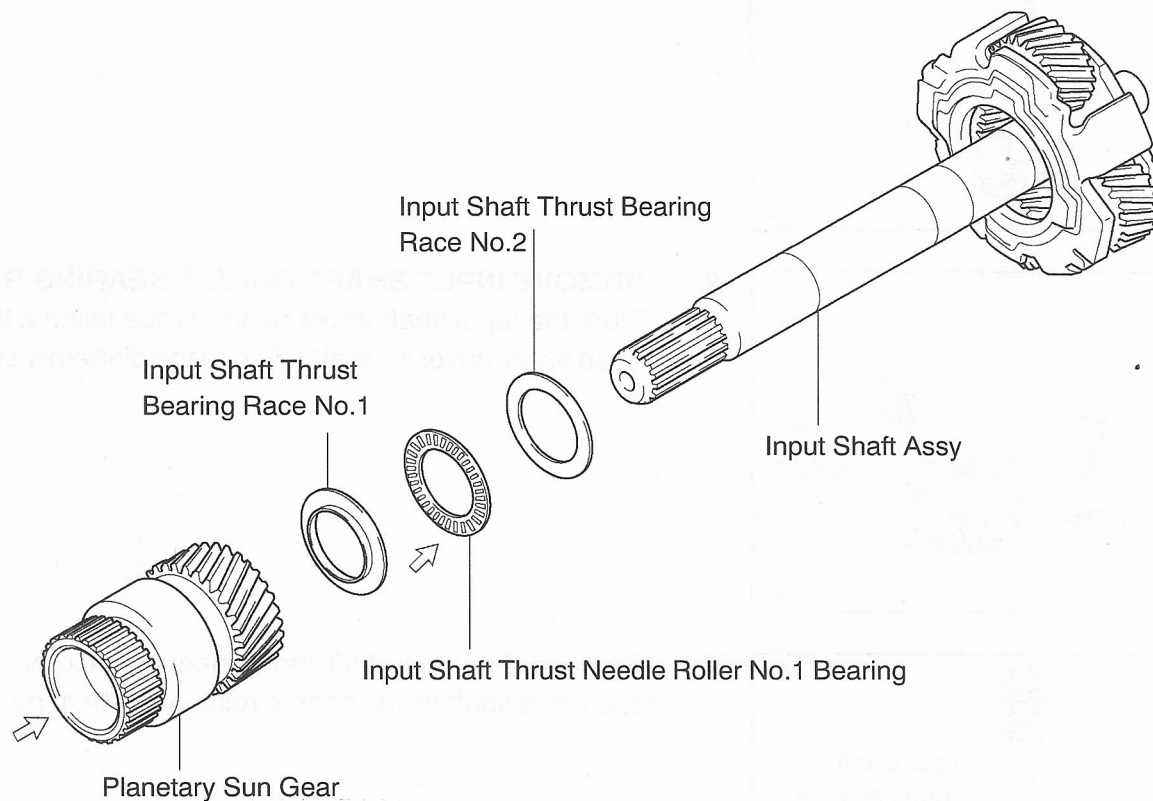
NOTICE:

Clean and degrease the bolts and bolt holes.

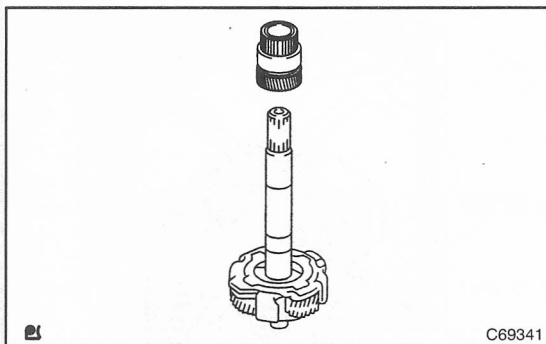
66. INSTALL HYBRID VEHICLE TRANSAXLE ASSY (SEE PAGE 22-11)

INPUT SHAFT ASSY COMPONENTS

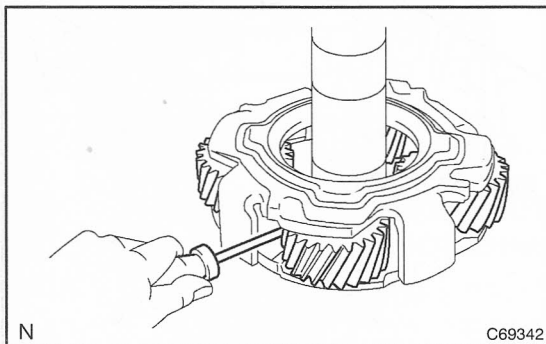
22016-01



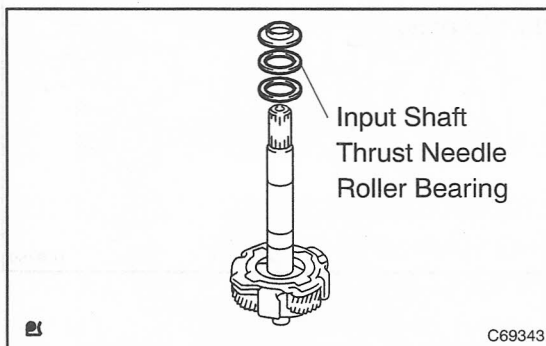
OVERHAUL

**1. REMOVE PLANETARY SUN GEAR SUB-ASSY**

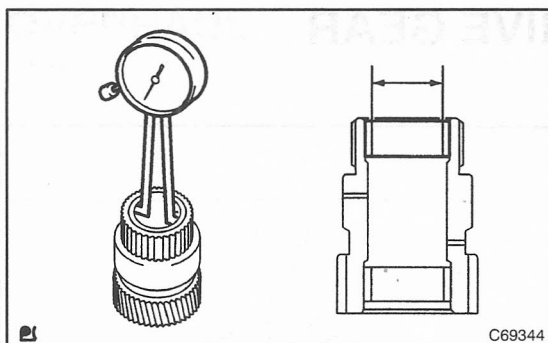
- (a) Remove the planetary sun gear from the input shaft.

**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.

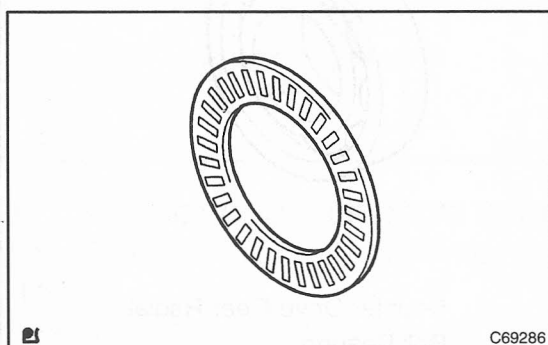
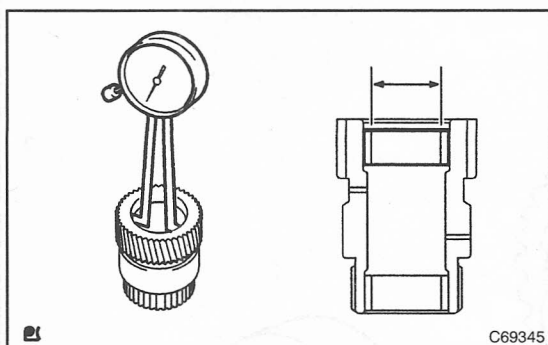
Maximum diameter: 25.596 mm (1.00771 in.)

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.

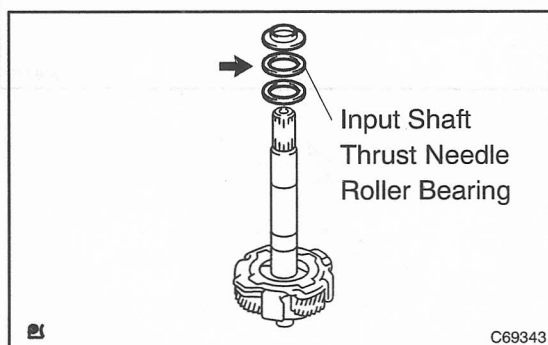


4. INSPECT INPUT SHAFT THRUST NEEDLE ROLLER NO.1 BEARING

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

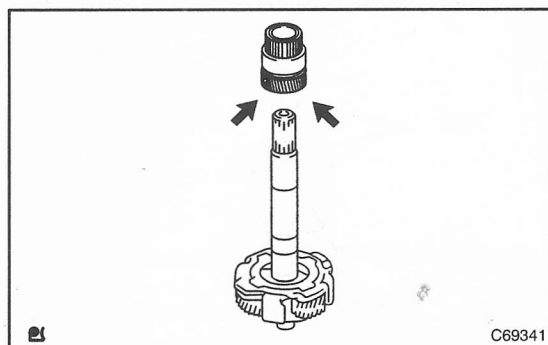
HINT:

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.

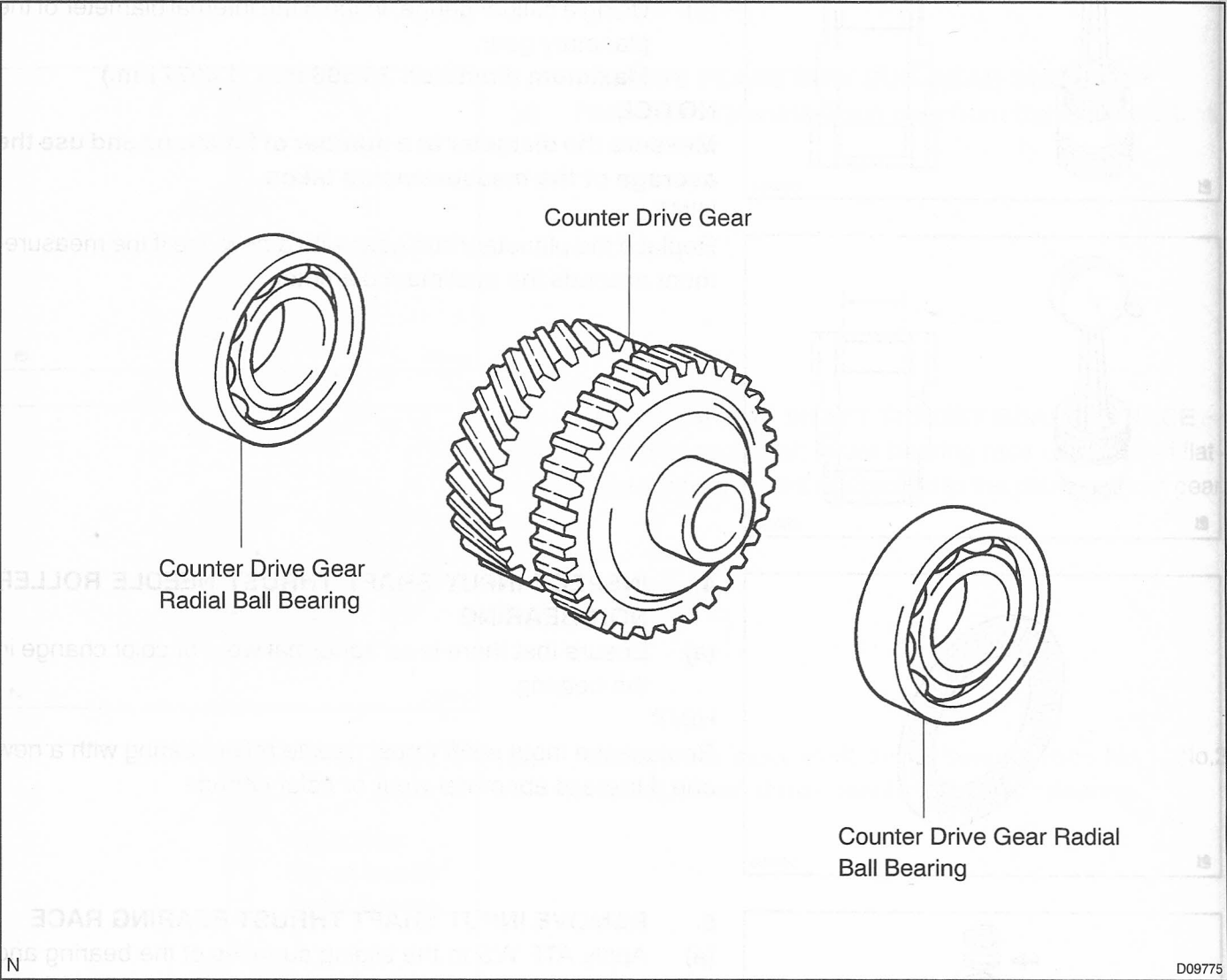


6. INSTALL PLANETARY SUN GEAR SUB-ASSY

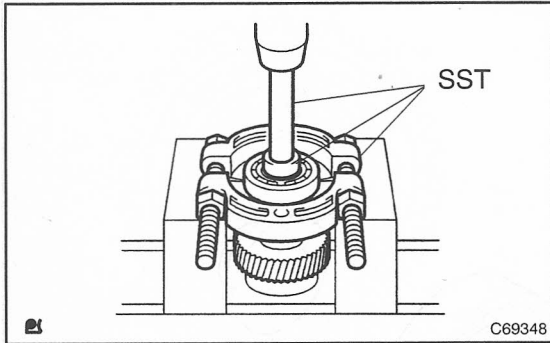
- (a) Apply ATF WS to the bush and install the planetary sun gear to the input shaft.

SPROCKET DRIVEN & COUNTER DRIVE GEAR COMPONENTS

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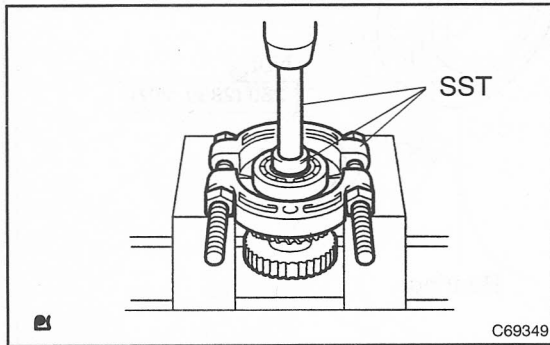


OVERHAUL



1. REMOVE COUNTER DRIVE GEAR RADIAL BALL BEARING

- (a) Using SST and a press, remove the bearing from the counter drive gear.
 SST 09950-00020, 09950-60010 (09951-00330),
 09950-70010 (09951-07100)



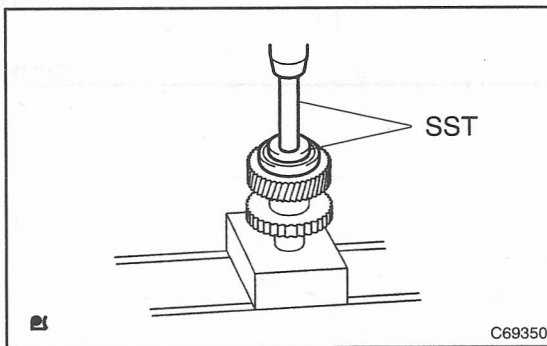
- (b) Using SST and a press, remove the bearing from the counter drive gear.
 SST 09950-00020, 09950-60010 (09951-00330),
 09950-70010 (09951-07100)

2. INSPECT COUNTER DRIVE GEAR RADIAL BALL BEARING

- (a) Check the bearing for abnormal wear or color change.

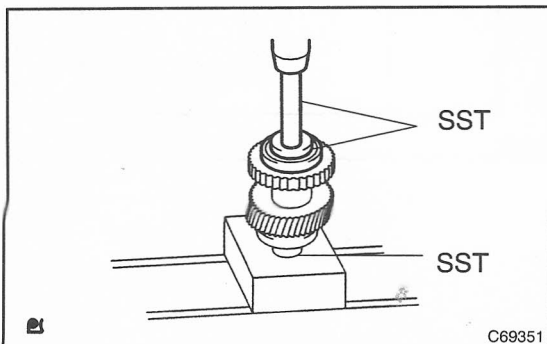
HINT:

Replace the bearing with a new one if abnormal wear or color change is observed.



3. INSTALL COUNTER DRIVE GEAR RADIAL BALL BEARING

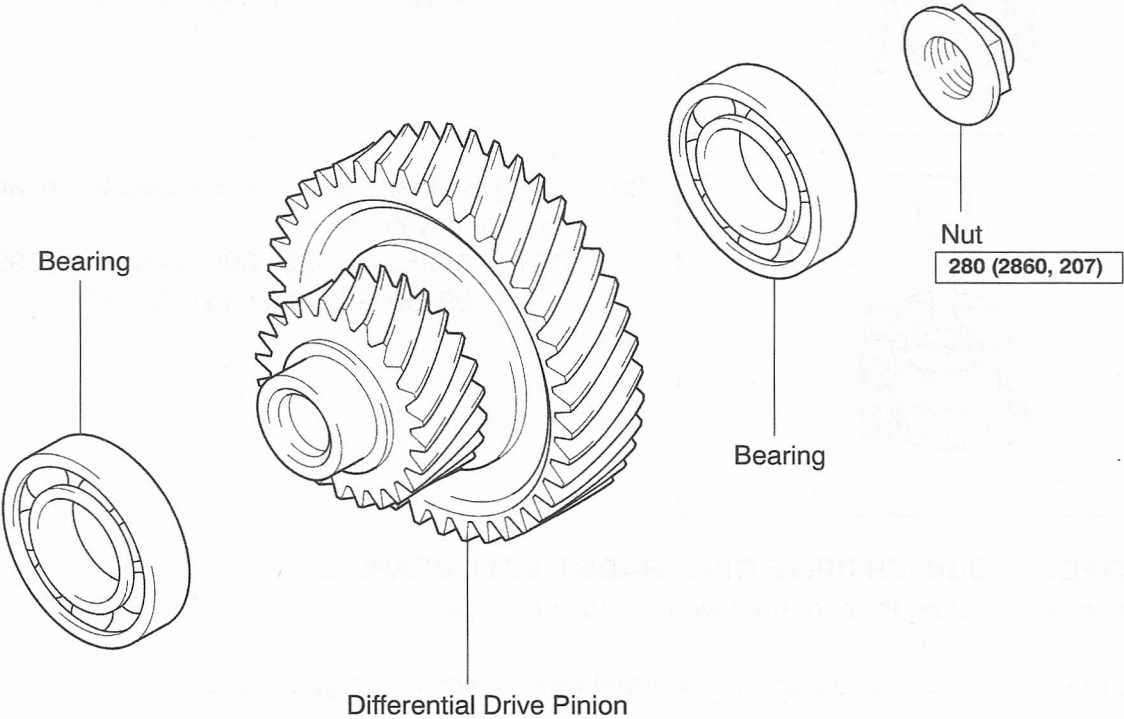
- (a) Using SST and a press, install a new bearing into the counter drive gear.
 SST 09950-60010 (09951-00330, 09951-00460),
 09950-70010 (09951-07100)



- (b) Using SST and a press, install a new bearing into the counter drive gear.
 SST 09950-60010 (09951-00330, 09951-00460),
 09950-70010 (09951-07100)

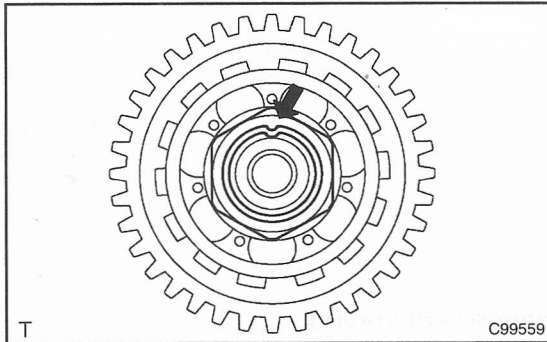
DIFFERENTIAL DRIVE PINION COMPONENTS

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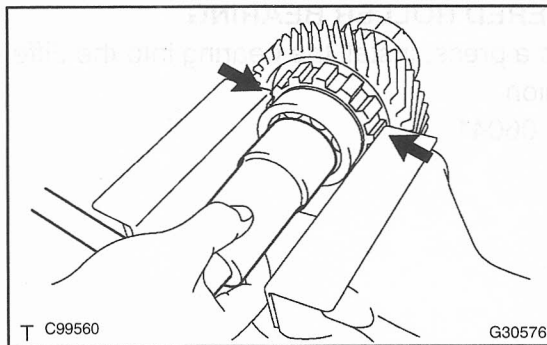


N·m (kgf·cm, ft·lbf) : Specified torque

OVERHAUL

**1. REMOVE TAPERED ROLLER BEARING**

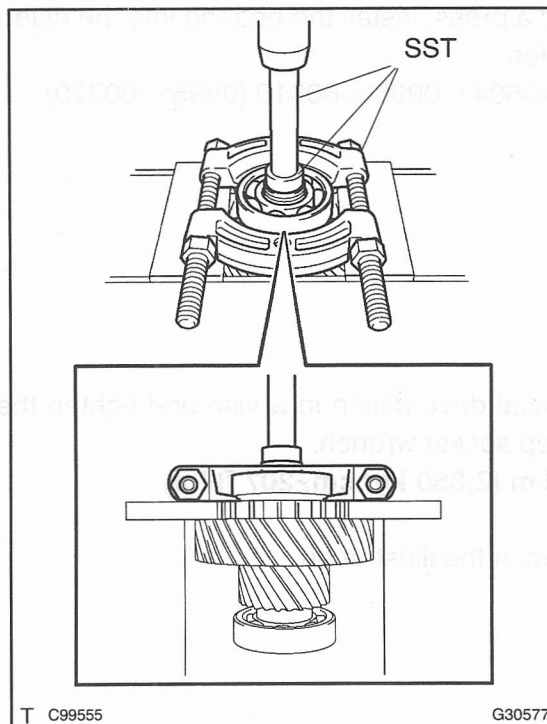
(a) Uncalk the nut.



(b) Set the differential drive pinion in a vise and remove the nut using a deep socket wrench.

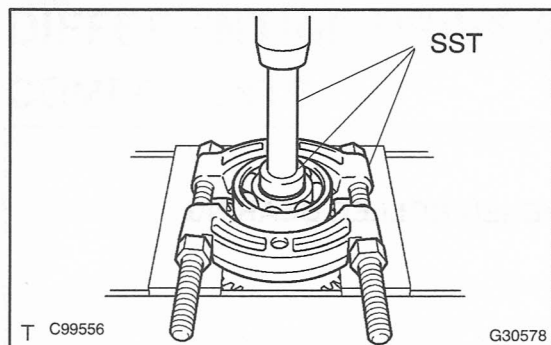
HINT:

Set the vise as shown in the illustration.



(c) Using SST and a press, remove the bearing from the differential driver pinion.

SST 09527-10011, 09950-00020, 09950-60010
(09951-00360), 09950-70010 (09951-07100)



- (d) Using SST and a press, remove the bearing from the differential drive pinion.

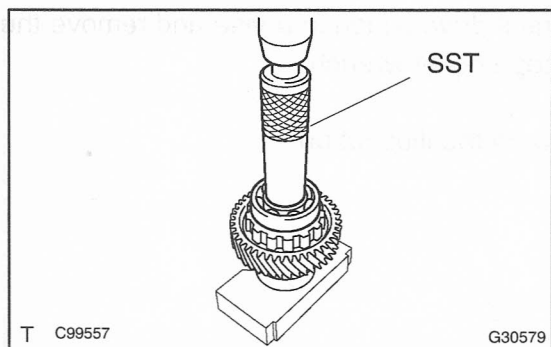
SST 09527-10011, 09950-00020, 09950-60010
(09951-00360), 09950-70010 (09951-07100)

2. INSPECT TAPERED ROLLER BEARING

- (a) Check the bearing for abnormal wear or color change.

HINT:

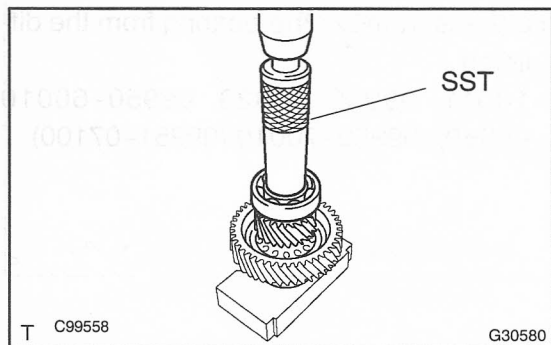
Replace the bearing with a new one if abnormal wear or color change is observed.



3. INSTALL TAPERED ROLLER BEARING

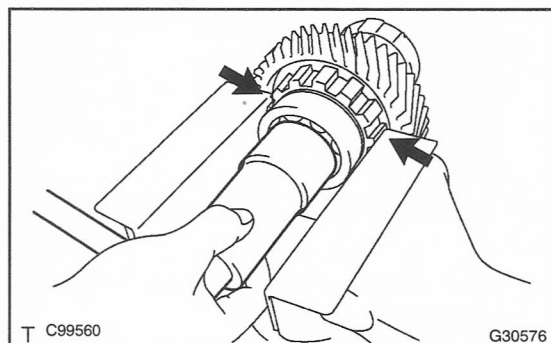
- (a) Using SST and a press, install the bearing into the differential drive pinion.

SST 09608-06041



- (b) Using SST and a press, install the bearing into the differential drive pinion.

SST 09608-06041, 09950-60010 (09951-00370)



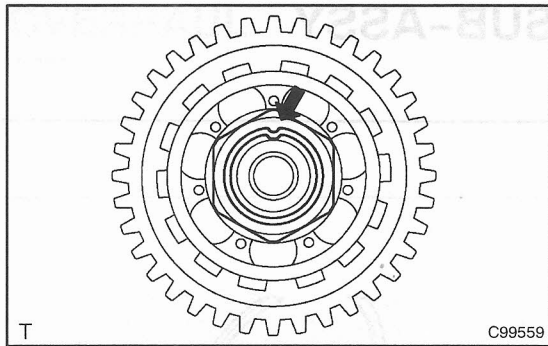
- (c) Set the differential drive pinion in a vise and tighten the nut using a deep socket wrench.

Torque: 280 N·m (2,860 kgf·cm, 207 ft·lbf)

HINT:

Set the vise as shown in the illustration.

HYBRID TRANSAXLE - DIFFERENTIAL DRIVE PINION



(d) Stake the nut.