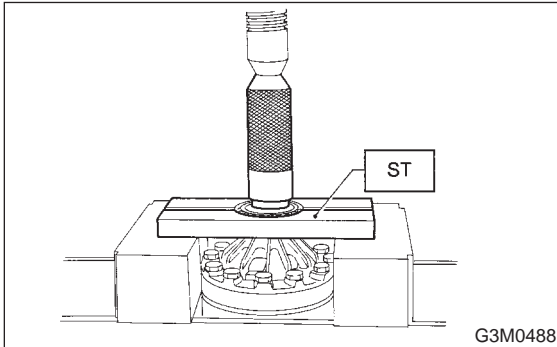


## 20. Differential Case Assembly

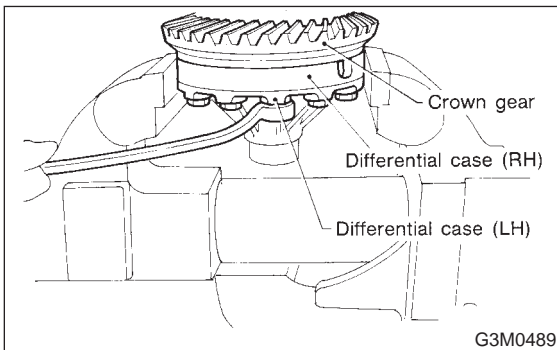
### A: DISASSEMBLY

1) Using a press and ST, remove the taper roller bearing.

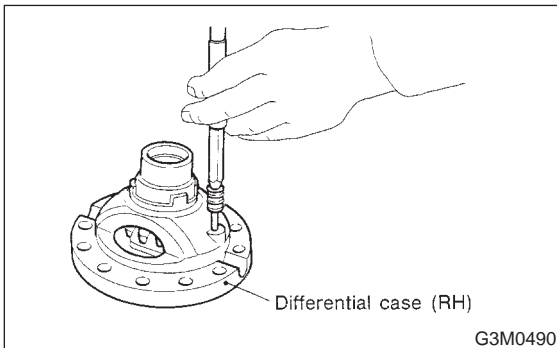
ST 498077000 REMOVER



2) Secure the case in a vise and remove the crown gear tightening bolts, then separate the crown gear, case (RH) and case (LH).



3) Pull out the straight pin and shaft, and remove the differential bevel gear, washer, and differential bevel pinion.



### B: INSPECTION

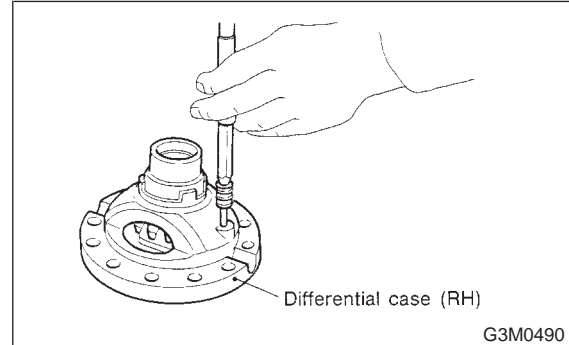
Check each component for harmful cuts, damage and other faults.

### C: ASSEMBLY

1) Install the washer, differential bevel gear and differential bevel pinion in the differential case (RH). Insert the pinion shaft, and fit the straight pin.

NOTE:

Install straight pin from reverse direction.



2) Install the washer and differential bevel gear to the differential case (LH). Then put the case over the differential case (RH), and connect both cases.

3) Install the crown gear and secure by tightening the bolt.

**Standard tightening torque:**

**$62 \pm 5$  N-m ( $6.3 \pm 0.5$  kg-m,  $45.6 \pm 3.6$  ft-lb)**

