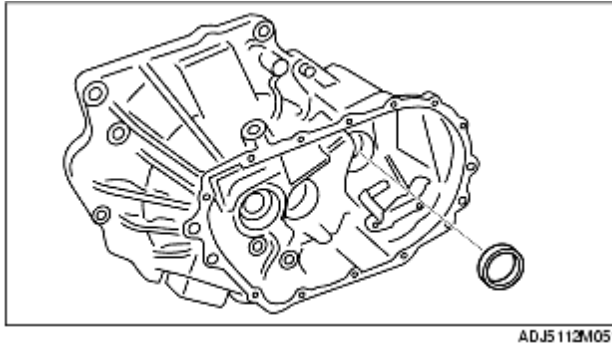


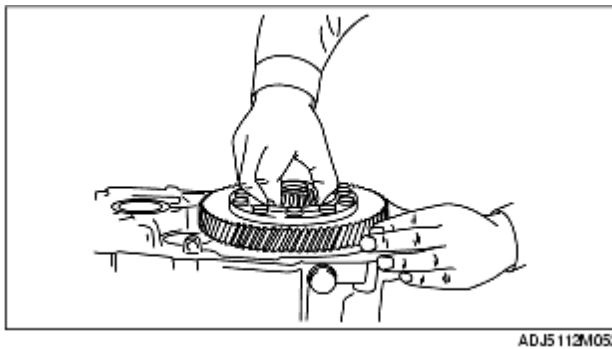
BEARING PRELOAD ADJUSTMENT

B3E051527100104

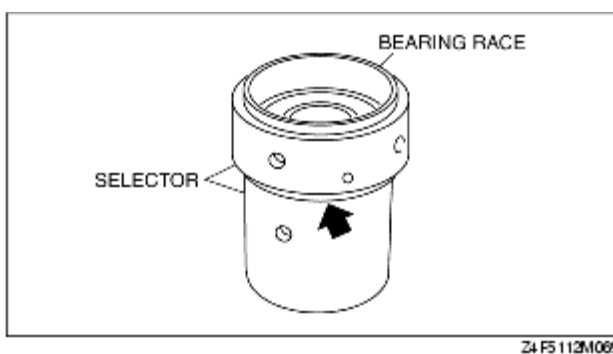
1. Install the bearing race into the clutch housing (shims removed).



2. Set the differential assembly into the clutch housing.



3. Set the bearing races into the **SST** (selector) as shown in the figure.



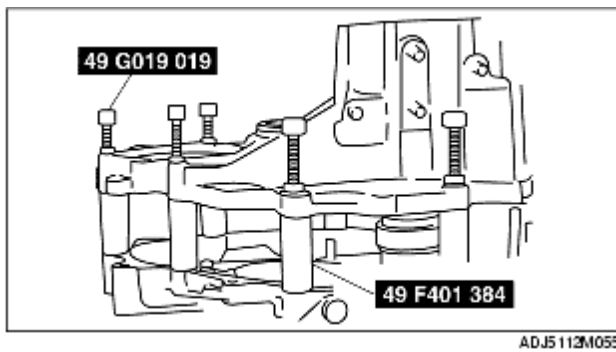
Note

- Turn the selector to eliminate the gap indicated by the arrow in the figure.

4. Set the differential component into the clutch housing, and set the bearing race and the **SST** (selector) on the differential.

5. Set the **SST** (collars) in the positions shown in the figure.

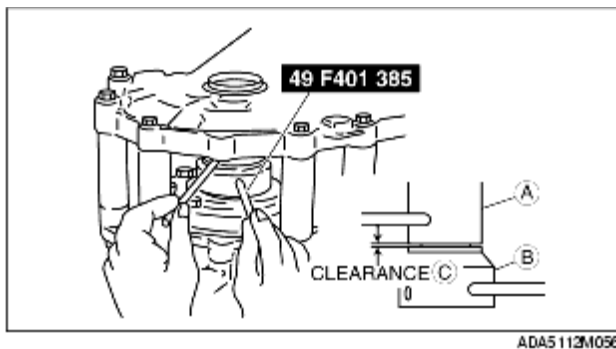
6. Install the transaxle case and tighten the **SST** (bolts) to the specified torque.



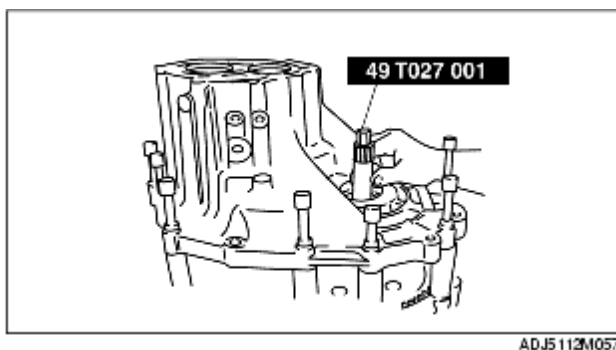
Tightening torque

19-25 N·m {1.9-2.6 kgf·m, 14-18 ft·lbf}

7. To seat the bearings, mount the **SST** (bars) on parts A and B of the selectors, and turn the selectors so the gaps C are widened. Then turn the **SST** in the reverse direction until the gaps C are eliminated.



8. Install the **SST** to the differential pinion gear through the transaxle case.



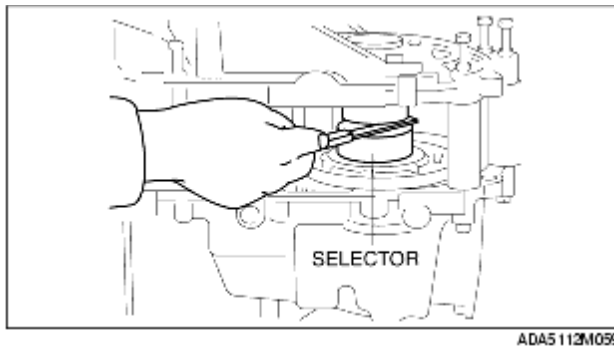
9. Turn the **SST** with a torque wrench. Adjust the **SST** (selector) with the bars until the specified preload is obtained.

Preload

0.03-2.00 N·m {0.3-20 kgf·cm, 0.26-14.7 in·lbf}

10. Remove the **SST**.

11. Measure the clearance around the entire circumference of the **SST** (selector).



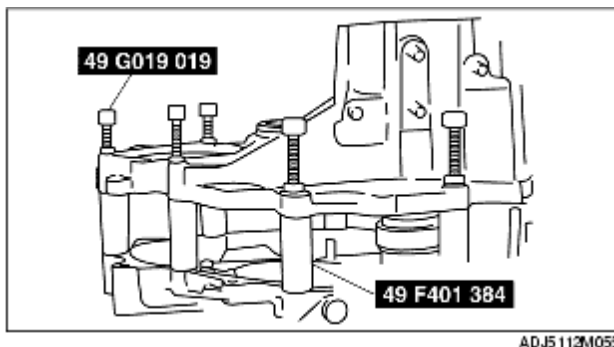
12. Select the proper adjustment shim(s) to be used for the differential by referring to the table and selecting the shim which is nearest (on the thick side) to the largest measured clearance in the selector.

Adjustment shim thickness

mm {in}

0.10 {0.004}	0.15 {0.006}	0.20 {0.008}	0.25 {0.010}
0.30 {0.012}	0.35 {0.014}	0.40 {0.016}	0.45 {0.018}
0.50 {0.020}	0.55 {0.022}	0.60 {0.024}	0.65 {0.026}
0.70 {0.028}	0.75 {0.029}	0.80 {0.031}	0.85 {0.033}
0.90 {0.035}	-	-	-

13. Remove the **SSTs** (bolts).

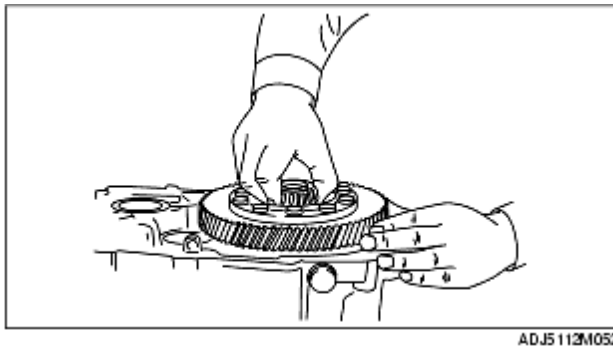


14. Remove the transaxle case and the **SSTs** (collars).

15. Remove the bearing race from the **SST** (selector).

16. Install the selected shim(s) and bearing race to the transaxle case.

17. Set the differential assembly into the clutch housing.

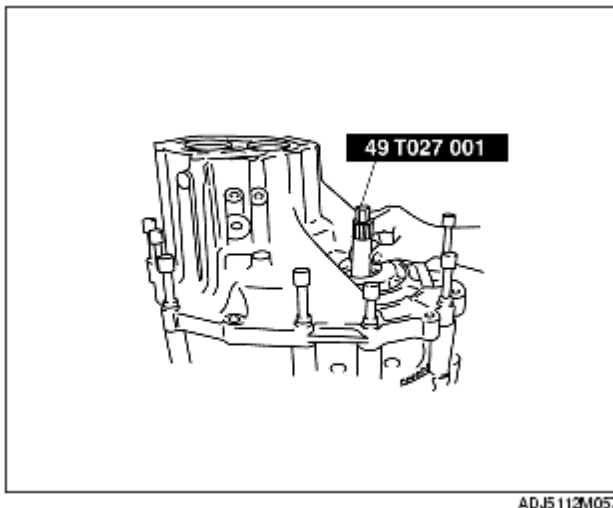


18. Install the transaxle case onto the clutch housing.

Tightening torque

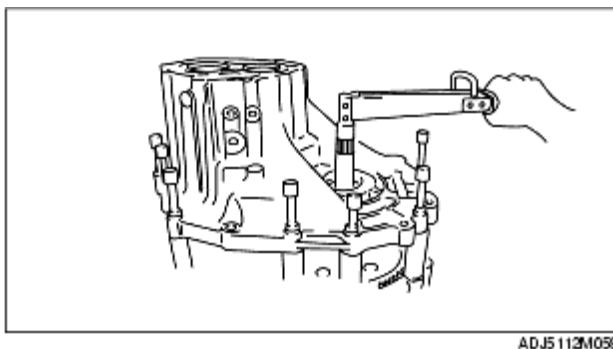
19-25 N·m {1.9-2.6 kgf·m, 14-18 ft·lbf}

19. Install the **SST** to the differential side gear through the transaxle case.



20. Measure the bearing preload.

- If not within the specification, readjust the bearing preload.



Standard preload

0.03-2.00 N·m {0.3-20 kgf·cm, 0.26-14.7 in·lbf}

21. Remove the **SST**.

22. Remove the transaxle case and differential assembly.