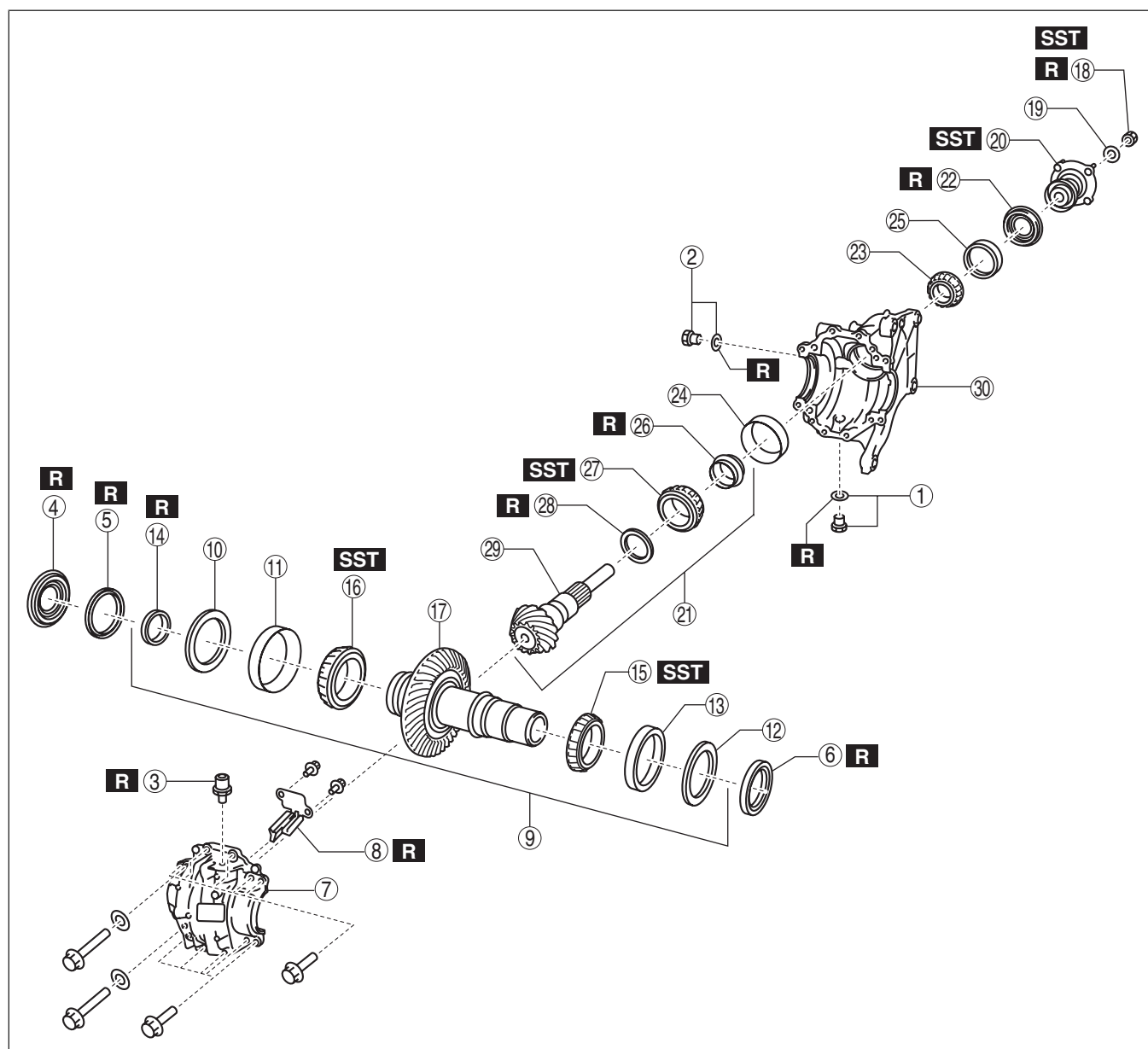


TRANSFER DISASSEMBLY

id031600000200



bfw4ua00000033

1	Drain plug, washer
2	Oil level plug, washer
3	Breather
4	Transfer oil seal (RH) No.1
5	Transfer oil seal (RH) No.2
6	Transfer oil seal (LH)
7	Drive gear case
8	Baffle plate
9	Ring gear shaft component
10	Adjustment shim (RH)
11	Bearing outer race (RH)
12	Adjustment shim (LH)
13	Bearing outer race (LH)
14	Transfer oil seal (RH) No.3
15	Bearing inner race (RH)
16	Bearing inner race (LH)

17	Ring gear shaft
18	Locknut
19	Washer
20	Companion flange component
21	Drive pinion gear component
22	Oil seal
23	Bearing inner race (rear)
24	Bearing outer race (front)
25	Bearing outer race (rear)
26	Collapsible spacer
27	Bearing inner race (front)
28	Spacer
29	Drive pinion gear
30	Front carrier

Transfer Component Disassembly Procedure

1. Assemble the SST (49 M005 561) to the SST (49 0107 680A).

Bolts A

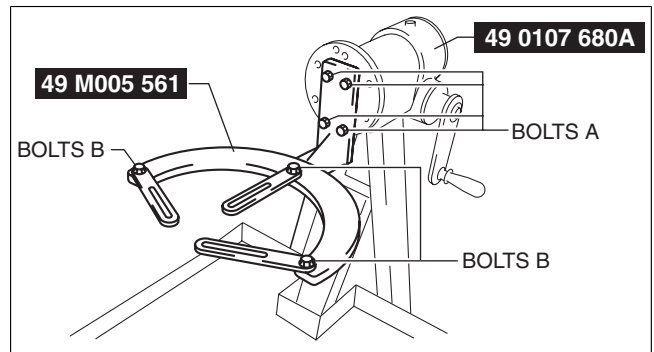
Part number: 9YA02 A220 or M12 × 1.75 bolt (length 40 mm {1.6 in})

Tightening torque: 88—118 N·m {9.0—12 kgf·m, 65—87 ft·lbf}

Bolts B

Included accessory for SST (49 M005 561)

Tightening torque: 88—118 N·m {9.0—12 kgf·m, 65—87 ft·lbf}



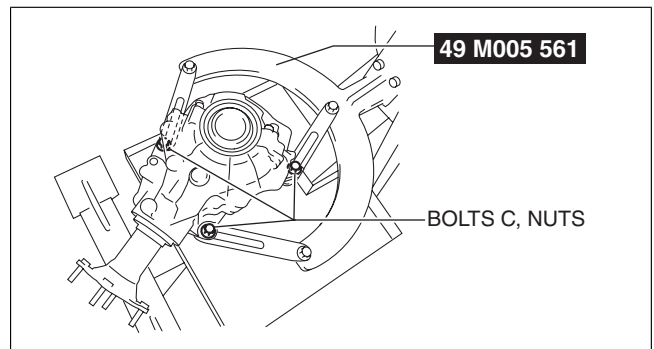
bfw4ua00000006

2. Install the transfer component to the SST.

Bolts C, nuts

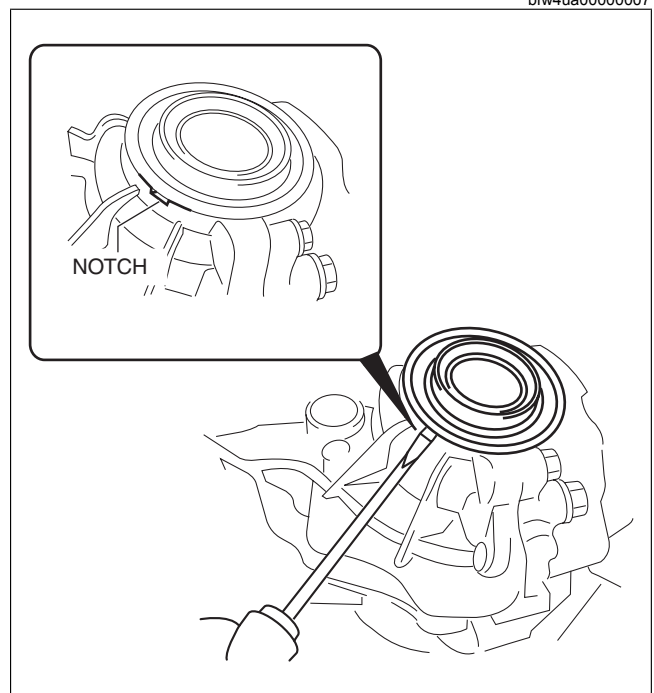
Part number: 9YA02 A242A or M12 × 1.25 bolt (length 42 mm {1.7 in}), and nut (M12 × 1.25)

Tightening torque: 64—89 N·m {6.6—9.0 kgf·m, 48—65 ft·lbf}



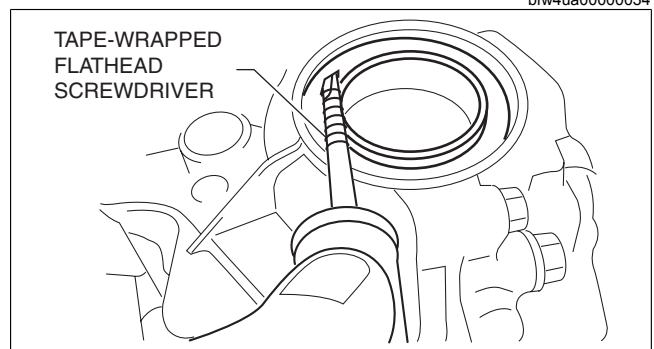
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3. Remove the drain plug, washer.
4. Remove the oil level plug, washer.
5. Remove the breather.
6. Insert a flathead screwdriver into the notch of the transfer and remove the oil seal (RH) No.1.



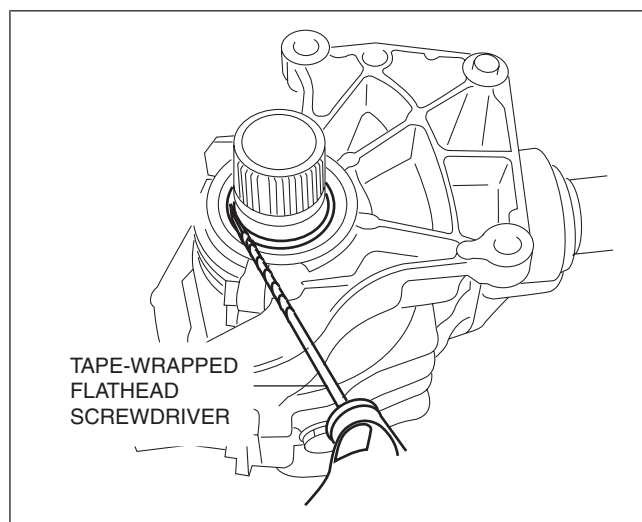
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7. Insert a tape-wrapped flathead screwdriver into the lip area of the oil seal (RH) No.2 as shown in the figure and remove the oil seal (RH) No.2.



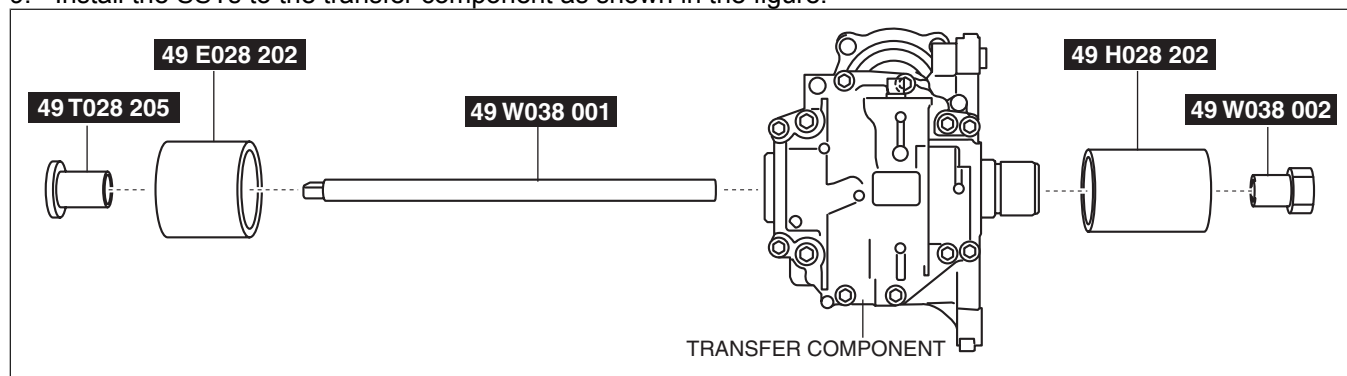
bfw4ua000000035

8. Insert a tape-wrapped flathead screwdriver into the lip area of the oil seal (LH) as shown in the figure and remove the oil seal (LH).



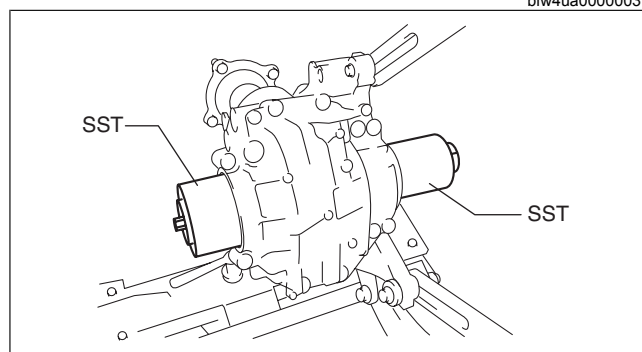
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9. Install the SSTs to the transfer component as shown in the figure.



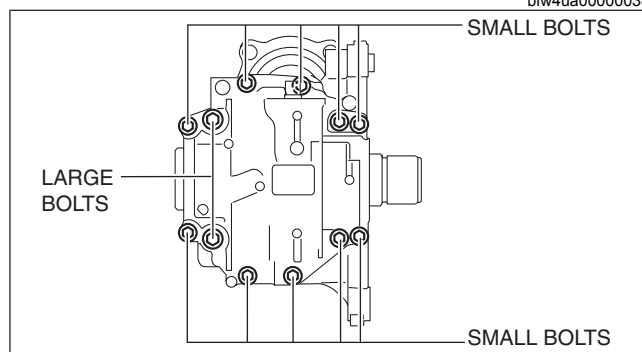
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10. Tighten down the bolts on the left and right of the SST until the ring gear shaft component.



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11. Remove the drive gear case installation bolts (2 large, 10 small).

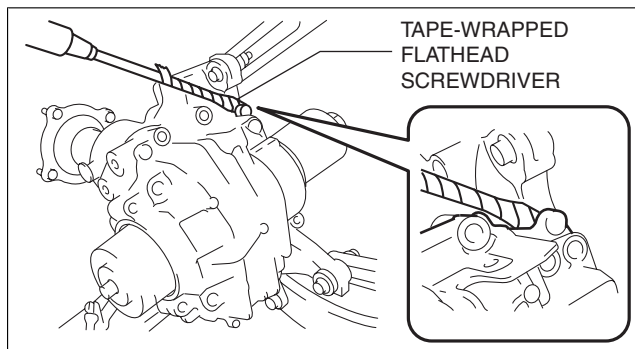


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12. Remove the drive gear case using a tape-wrapped flathead screwdriver.

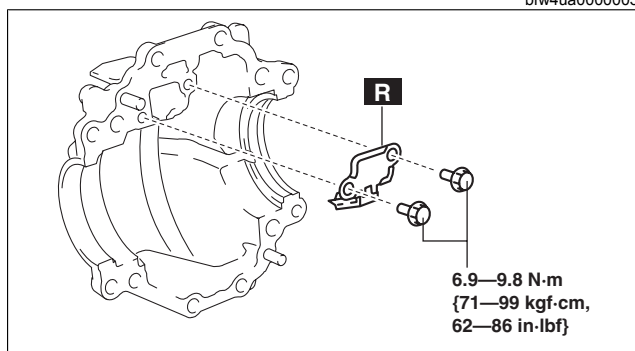
Caution

- When removing the drive gear case, the ring gear shaft component comes off with the case and could drop and be damaged. Perform the drive gear case removal carefully.



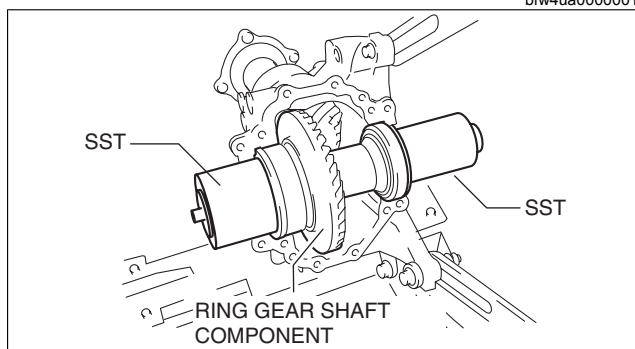
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13. Remove the baffle plate.



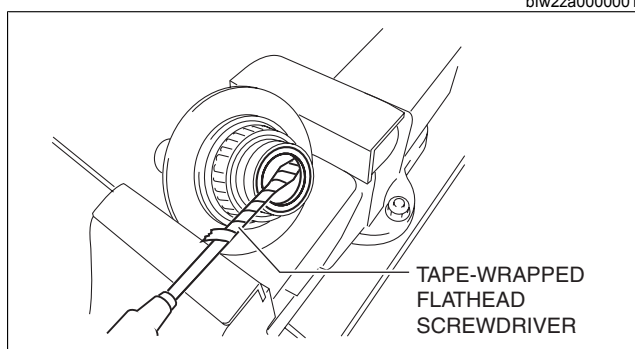
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14. Remove the ring gear shaft component.
15. Remove the SSTs.
16. Remove the adjustment shim (RH) and bearing outer race (RH).
17. Remove the adjustment shim (LH) and bearing outer race (LH).
18. Fix the toothed part of the ring gear in a vice to secure the ring gear shaft.



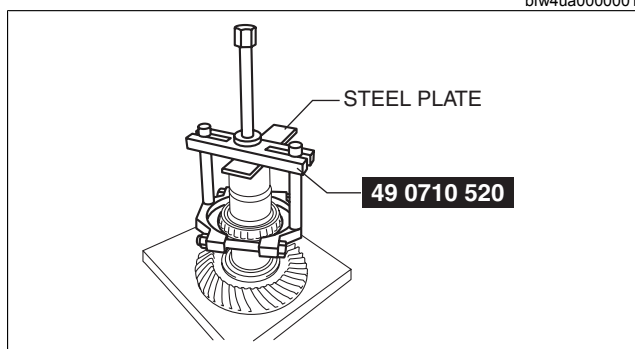
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19. Remove the transfer oil seal (RH) No.3 using a tape-wrapped flathead screwdriver.



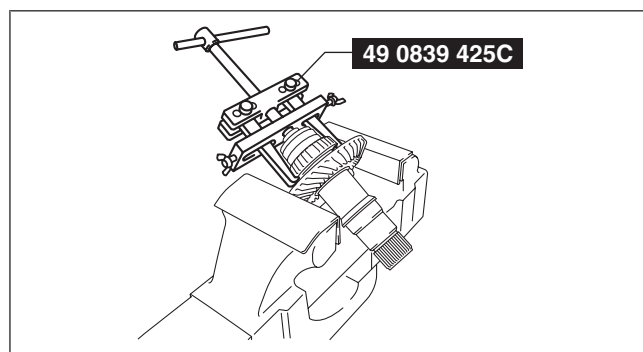
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20. Remove the bearing inner race (LH) using the SST.
21. Fix the toothed part of the ring gear in a vice to secure the ring gear shaft.



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22. Remove the bearing inner race (RH) using the **SST**.



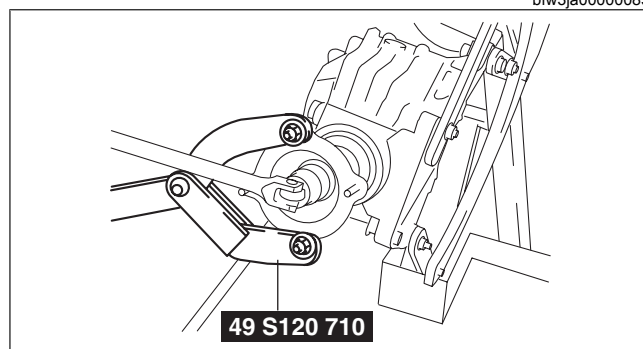
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23. Secure the companion flange using the **SST** and remove the locknut.

Note

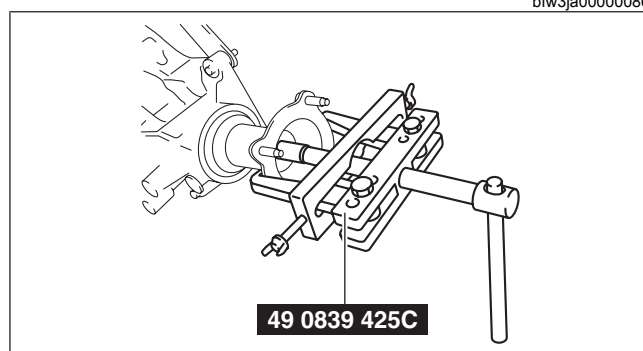
- When installing the **SST** to the companion flange, and if the nuts for installing the propeller shaft are used, install the **SST** through an appropriate washer because the nut diameter is small.

24. Remove the washer.



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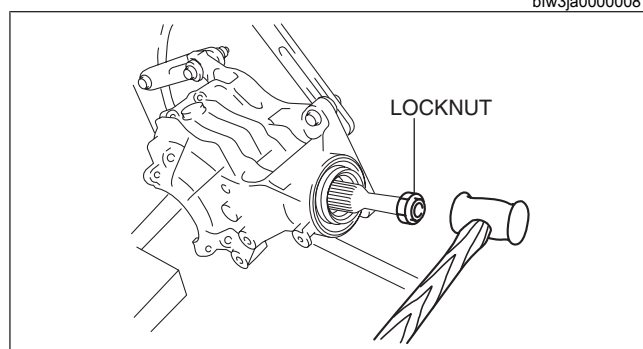
25. Remove the companion flange component using the **SST**.



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26. Install a locknut to the thread of the drive pinion gear.

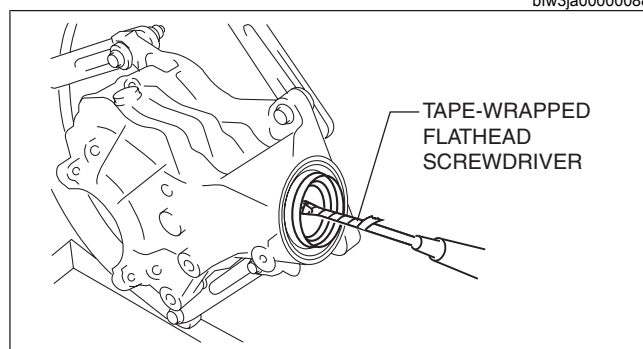
27. Lightly tap the locknut with a copper hammer and remove the drive pinion gear component.



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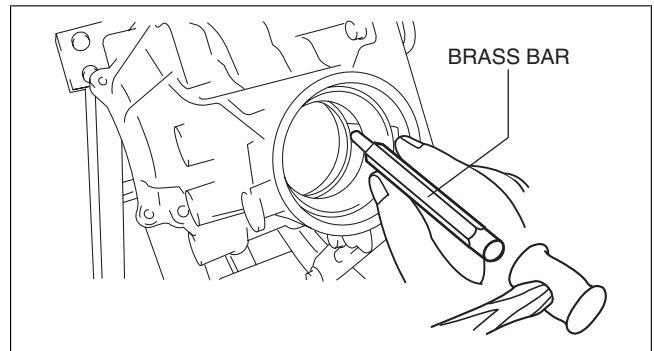
28. Remove the oil seal using a tape-wrapped flathead screwdriver.

29. Remove the bearing inner race (rear).



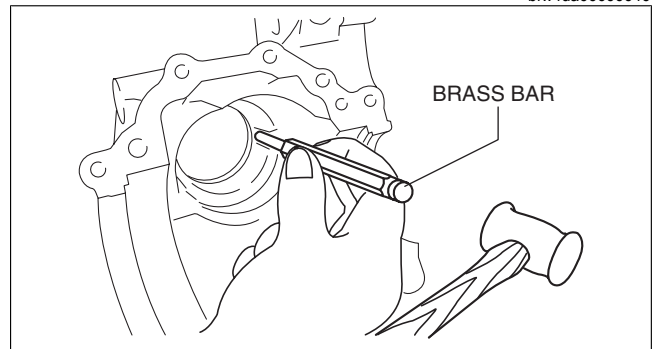
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30. Set the brass bar to the bearing outer race (front) end surface at the notches of the front carrier in two locations. Lightly tap the end surfaces of the outer race alternately using the brass bar and hammer, and remove the bearing outer race (front).



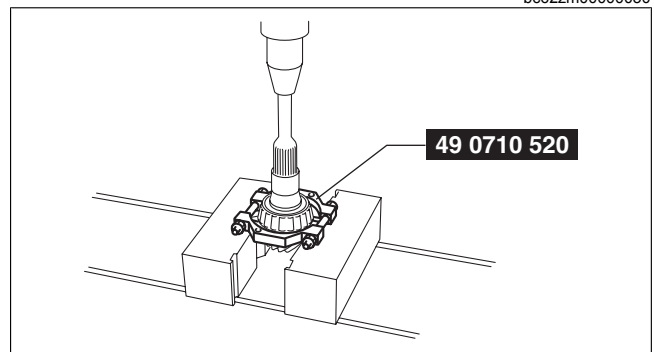
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31. Set the brass bar to the bearing outer race (rear) end surface at the notches of the front carrier in two locations. Lightly tap the end surfaces of the outer race alternately using the brass bar and hammer, and remove the bearing outer race (rear).
32. Remove the collapsible spacer.



bc62zm00000050

33. Remove the bearing inner race (front) using the **SST** and a press.
34. Remove the spacer.



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