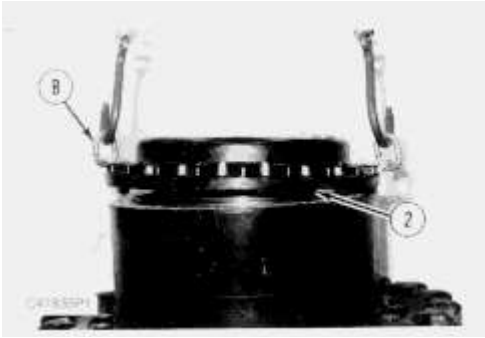


3. Fasten the final drive to tool (A) as shown. The combined weight of the final drive and final drive sprocket is **361 kg (795 lb)**.

4. Remove twenty bolts (1) and the washers that hold the cover in place.

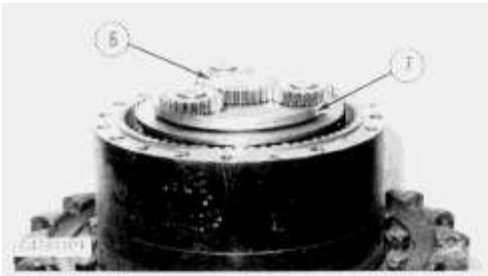


5. Using a soft faced hammer, break the seal between cover (2) and the ring gear. Fasten tool (B) and a hoist to cover (2) as shown. Remove the cover. The weight of the cover is **32 kg (70 lb)**.

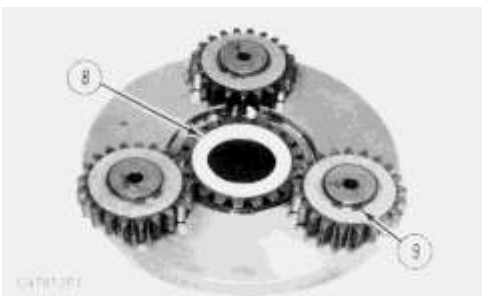


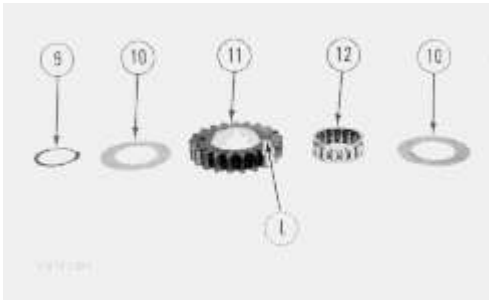
6. Remove thrust plate (5) from the cover.

7. Remove twelve socket head bolts (3) and ring gear (4) from the cover.



8. Remove sun gear (6). Remove carrier assembly (7) by lifting it straight up. The weight of the carrier assembly is **14 kg (30 lb)**.



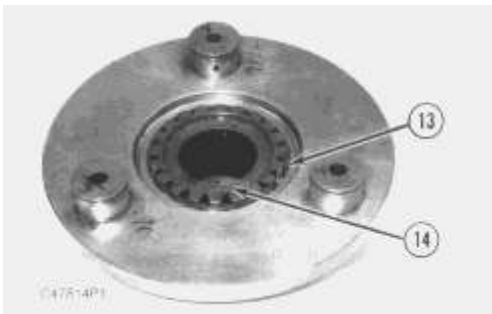


9. Remove two spacers (8). A spacer is located on each side of the sun gear in carrier assembly (7).

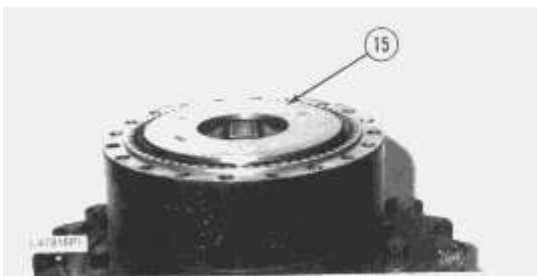
NOTE: Planetary gears (11) have identification grooves (L) on them. Note the position of the identification grooves in relation to the carrier for assembly purposes.

10. Remove retaining ring (9) with tool (C). Remove two thrust washers (10) and planetary gear (11) from the carrier. Remove bearing (12) from the planetary gear.

11. Remove the other two planetary gears from the carrier as in Step 10.



12. Using a screwdriver, remove retaining ring (13) from the carrier. Remove sun gear (14) from the carrier.

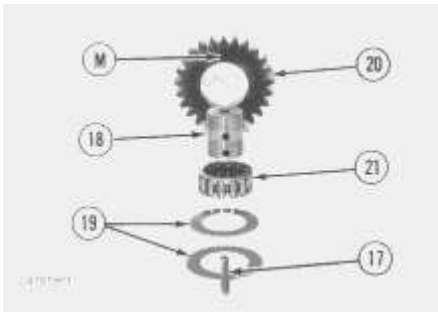
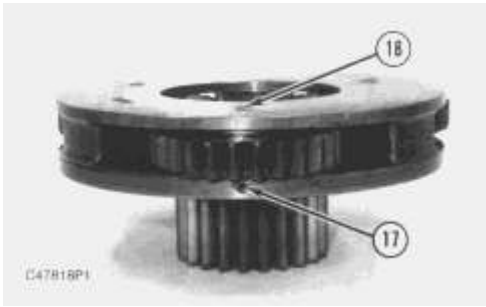


13. Using two persons, remove carrier assembly (15) by pulling it straight up. The weight of the carrier assembly is **25 kg (55 lb)**.



NOTE: Spacer (16) may remain with carrier assembly (15), or it may remain with carrier assembly (24) (see Step 19).

14. Remove spacer (16) from carrier assembly (15).

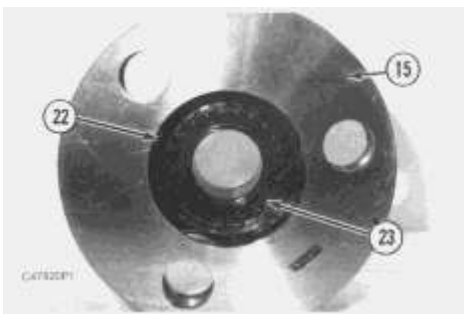


15. Drive spring pin (17) into planetary shaft (18) with a hammer and a punch.

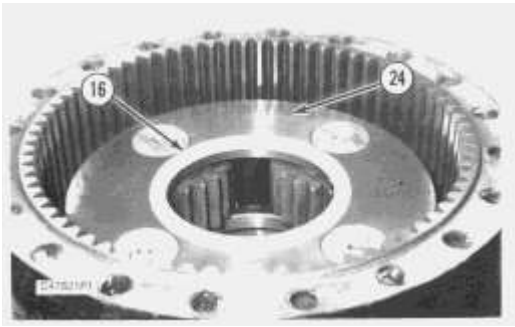
NOTE: Planetary gears (20) have identification grooves (M) on them. Note the position of the identification grooves in relation to the carrier for assembly purposes.

16. Remove planetary shaft (18), two thrust washers (19) and planetary gear (20) from the carrier. Remove bearing (21) from the planetary gear. Remove spring pin (17) from planetary shaft (18) with a hammer and a punch.

17. Remove the other two planetary gears from the carrier as in Steps 15 and 16.

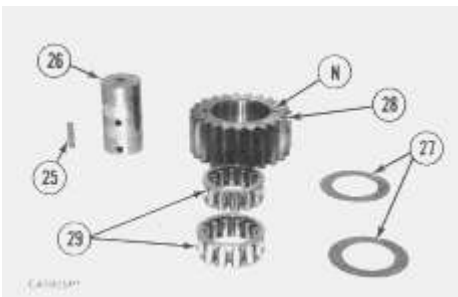
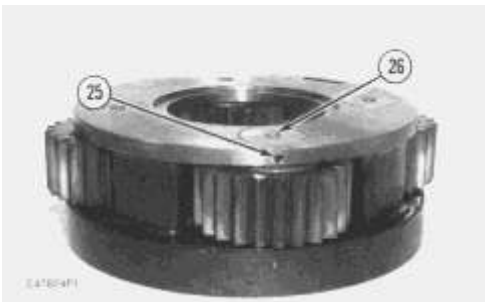


18. Using a screwdriver, remove retaining ring (22). Remove sun gear (23) from the carrier.



19. If spacer (16) was not removed in Step 14, remove it from carrier assembly (24) at this time.

20. Using two persons, remove carrier assembly (24) by pulling it straight up. The weight of the carrier assembly is **36 kg (80 lb)**.

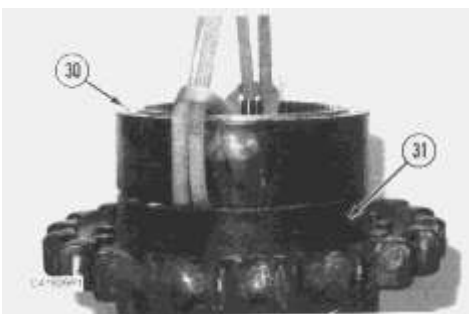


21. Drive spring pin (25) into planetary shaft (26) with a hammer and a punch.

NOTE: Planetary gears (28) have identification grooves (N) on them. Note the position of the identification grooves in relation to the carrier for assembly purposes.

22. Remove planetary shaft (26), two thrust washers (27) and planetary gear (28) from the carrier. Remove two bearings (29) from the planetary gear. Drive spring pin (25) out of planetary shaft (26) with a hammer and a punch.

23. Remove the other three planetary gears from the carrier as in Steps 21 and 22.



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