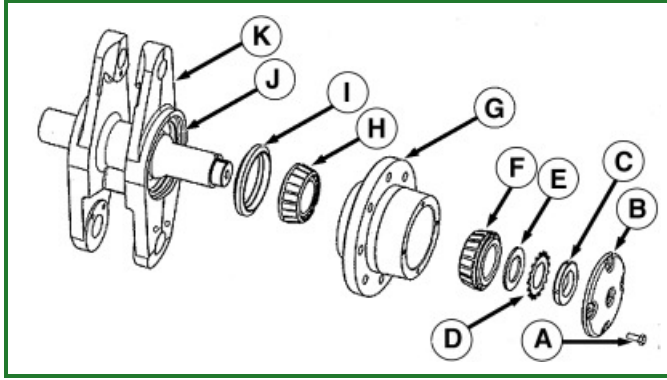


Remove, Recondition, and Install Front Idler Hub

1.



RW50418-UN: Front Idler Hub Exploded View

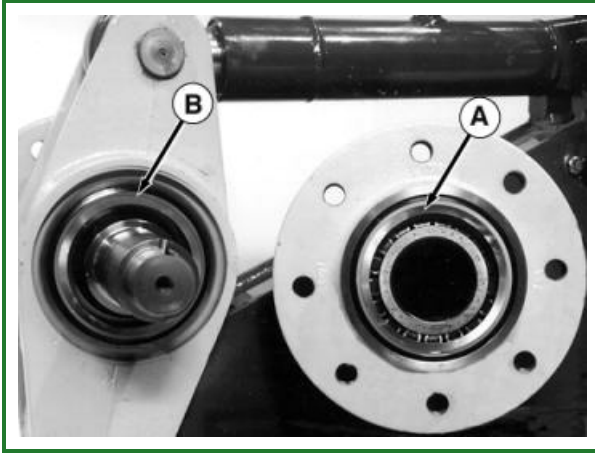
LEGEND:

- A - Cover Retaining Cap Screw (4 used)
- B - Idler Hub Cover
- C - Hub Retaining Nut
- D - Lock Ring
- E - Washer
- F - Bearing Cone
- G - Idler Hub
- H - Bearing Cone
- I - Seal
- J - Seal
- K - Tension Link

Remove tension from track. (See [Detension and Tension the Track](#) in Group 05.)

2. Remove front idler wheel.
3. Place container under hub to catch oil.
4. Remove cap screws (A) and cover (B).
5. Remove nut (C) using [JDG1071 Spanner Wrench](#) .
6. Remove parts (D—F).
7. Remove hub (G), bearing cone (H), and seal (I).
8. Remove seal (J) from tension link (K).
9. Inspect and replace bearing cones as necessary.
10. Inspect, remove, and replace bearing cups as necessary. Install cups using a 120 mm or 4-3/4 in. disk.
11. Inspect tension link spindles. Remove and replace tension link as necessary.

12.



RW50419-UN: Sealing Face

LEGEND:

A - Inner Seal Face

B - Outer Seal Face

Thoroughly clean surfaces of idler wheel hub and tension link that will contact rubber Belleville washers of the seal using clean solvent. Wipe dry with a clean cloth.

13. Separate the seal into two halves each consisting of a metal sealing ring and a rubber Belleville washer.

14. Install bearing cone in hub.

15. Install seal with sealing face (A) pointing outward into wheel hub.

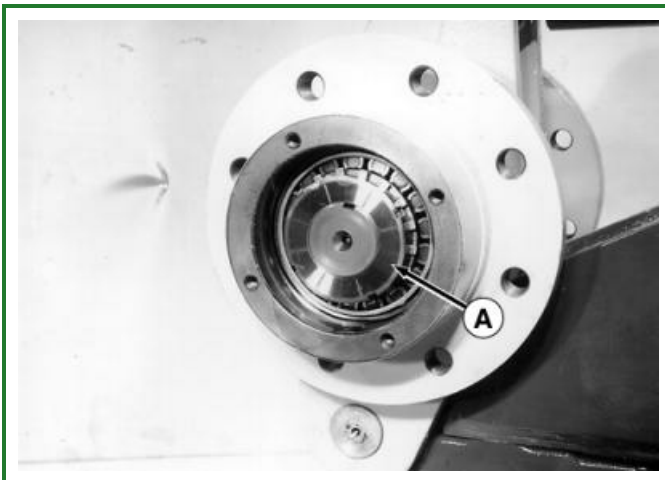
16. Install other half of seal with sealing face (B) pointed outward into tension link.

17. Wipe both sealing surfaces clean with a clean cloth and apply clean lubricant to both surfaces.

18. Install bearing cone into hub assembly.

19. **IMPORTANT:**

DO NOT allow the hub assembly to move once installed on the spindle. Movement could cause seal damage resulting in seal failure or leakage.



RW50420-UN: Nut

LEGEND:

A - Retaining Nut