

Product: WHEEL LOADER

Model: 930H WHEEL LOADER DHC

Configuration: 928HZ 930H Wheel Loader DHC00001-04199 (MACHINE) POWERED BY C6.6 Engine

Disassembly and Assembly

924H, 924HZ, 928HZ and 930H Wheel Loaders Machine Systems

Media Number -KENR9440-02

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i07528732

Loader Frame and Rear Frame - Connect

SMCS - 7051-077; 7054-077

S/N - DHC1-UP

S/N - HXC1-UP

Connection Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1863	Retaining Ring Pliers	1
B	284-5122	Stand	1
	8S-7611	Tube	1
	8S-7615	Pin	1
C	8T-5255	Hydraulic Jack	1
D	417-1324	Repair Stand Set	2
H	189-0412	Shackle	2
J	5P-0960	Grease Cartridge	1
K	1P-0510	Driver Gp	1
L	-	Loctite C5A Copper Anti-Seize	-
M	1P-0481	Drive Plate	2
N	1P-0495	Drive Plate	2
P	1B-2716	Bolt	1
	6V-8185	Nut	1

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, PERJ1017, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat® products.

Dispose of all fluids according to local regulations and mandates.

Note: Apply Tooling (J) to all seals before installation. Lubricate all pin bores and all pins with Tooling (L) before installation of the pins.

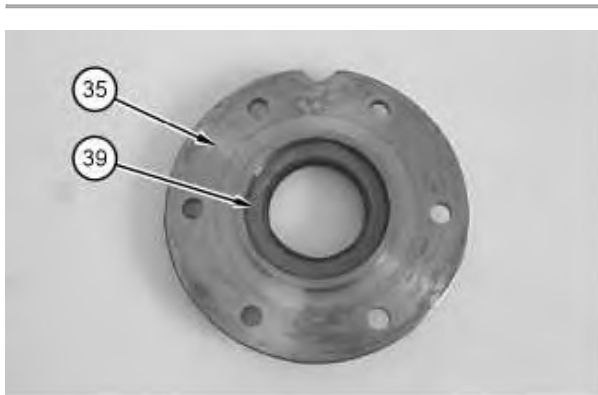


Illustration 1

g01118635

Note: Reference Illustration 4 for seal orientation.

1. Use Tooling (K) to install lip seal (39) into upper cap (35).

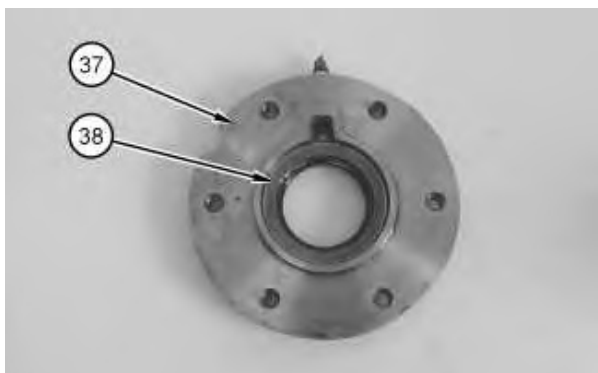


Illustration 2

g01118634

Note: Reference Illustration 4 for seal orientation.

2. Use Tooling (K) to install lip seal (38) into lower cap (37).
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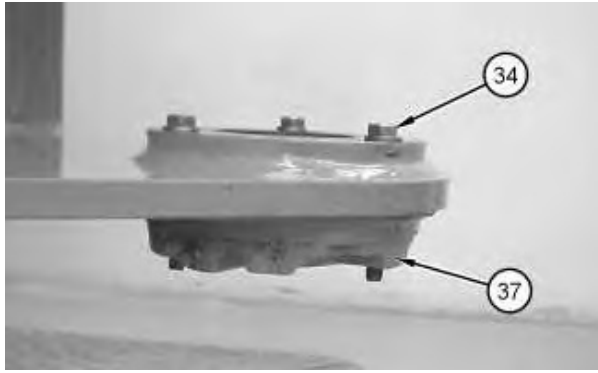


Illustration 3

g01120311

3. Position lower cap (37).
4. Install three bolts (34) in equal spacing.

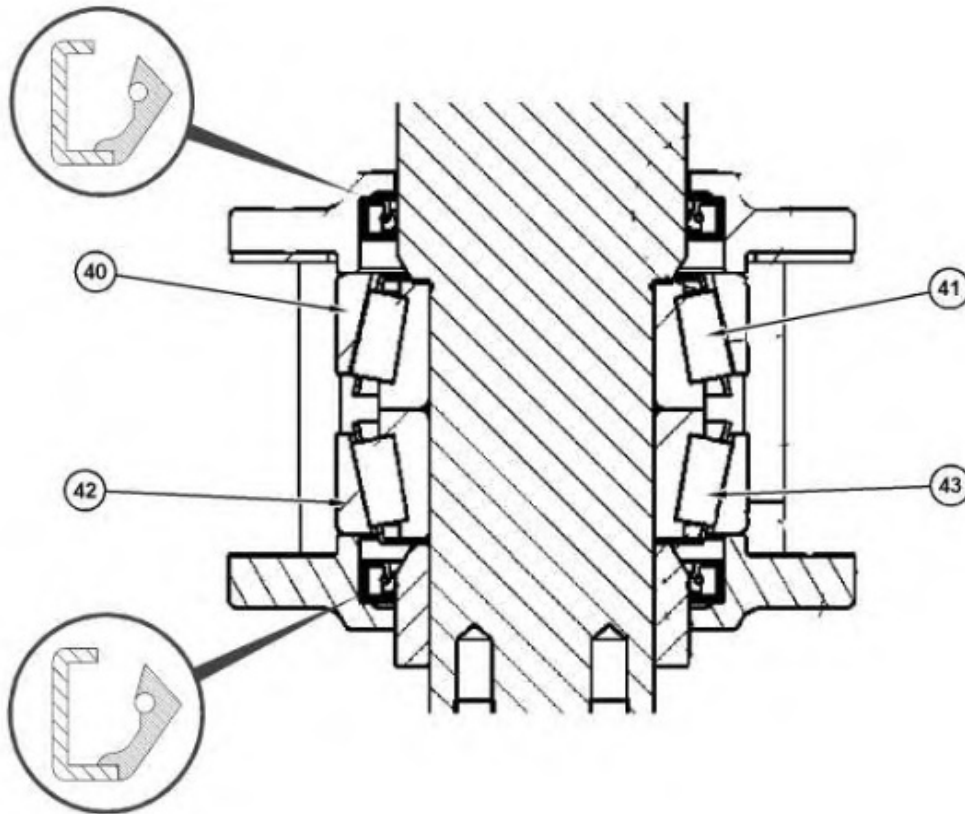


Illustration 4

g06351214

Lower Hitch

5. Lower the temperature of bearing cup (42).
6. Install bearing cup (42) so that bearing cup (42) contacts the lower cap.
7. Coat bearing cones (41) and (43) with oil.
8. Install bearing cones (41) and (43).
9. Lower the temperature of bearing cup (40) and install bearing cup (40).



Illustration 5

g01120311

10. Remove bolts (34) and lower cap (37).



Illustration 6

g01120313

11. Install 1.5 mm (0.06 inch) of shims (36).

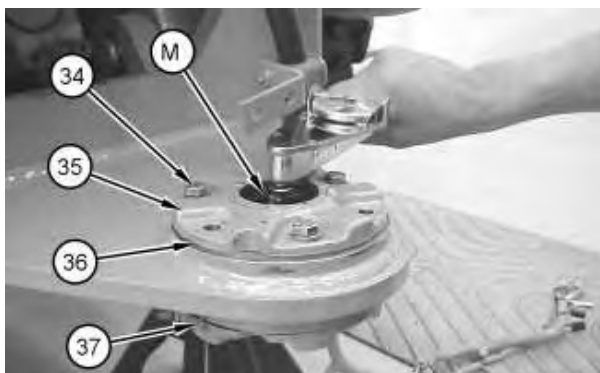


Illustration 7

g01120315

12. Install upper cap (35), lower cap (37), and three of bolts (34), as shown.
 13. Use Tooling (M) and Tooling (P) to check the rolling torques of the two bearing assemblies.
 14. Add or remove shims (36) until the rolling torque of the bearing assemblies are between 1.7 N·m to 5.6 N·m (15 lb in to 50 lb in).
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