



Service Repair Manual

Models

950H WHEEL LOADER

Product: WHEEL LOADER

Model: 950H WHEEL LOADER JLX

Configuration: 950H Wheel Loader JLX00001-UP (MACHINE) POWERED BY C7.2 Engine

Disassembly and Assembly 950H and 962H Wheel Loaders Machine Systems

Media Number -UENR1619-00

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i05021371

Loader Frame to Rear Frame - Connect

SMCS - 7051-077; 7054-077

Connection Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	9U-7536	Stand	2
	277-7200	Electric Hydraulic Pump Gp	1
B	138-7574	Link Bracket	2
G	FT-2826	Lower Plate Gp	1
H	1P-0520	Driver Gp	1
J	FT-2825	Upper Plate Gp	1
K	-	Loctite C5-A Copper Anti-Seize	-

Note: The following steps are for the assembly of the top hitch bearings.

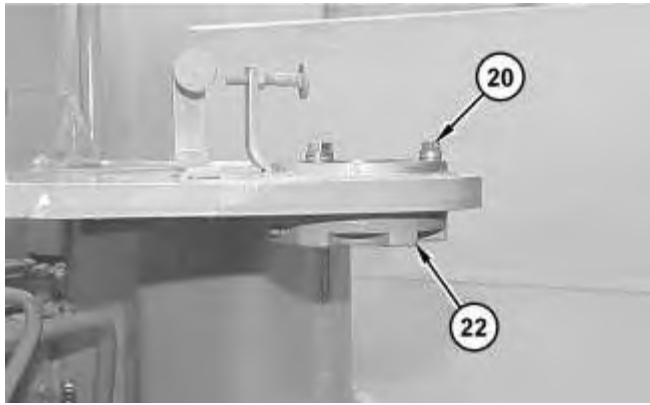


Illustration 1

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Typical Example

1. Position lower cap (22) on the upper frame. Hold the lower cap in place with three bolts (20) that are equally spaced. Make sure that the lower cap is seated firmly against the upper frame.
2. Apply Tooling (K) to the bores.

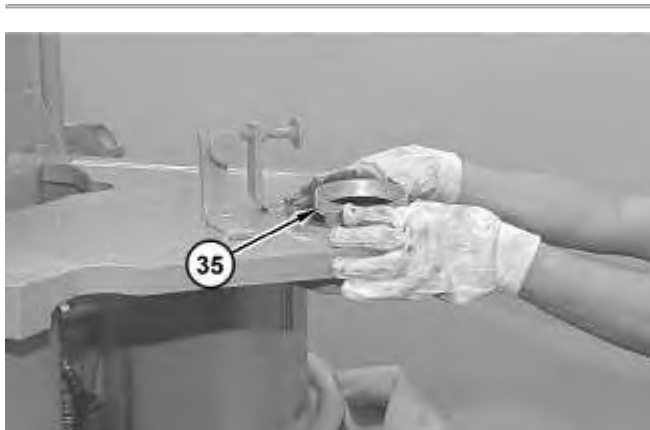


Illustration 2

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3. Lower the temperature of lower bearing cup (35) to $-50^{\circ} \pm 5^{\circ}\text{C}$ ($-58^{\circ} \pm 9^{\circ}\text{F}$).
4. Install lower bearing cup (35). Use Tooling (H) in order to ensure that bearing cup (35) contacts lower cap (22) .

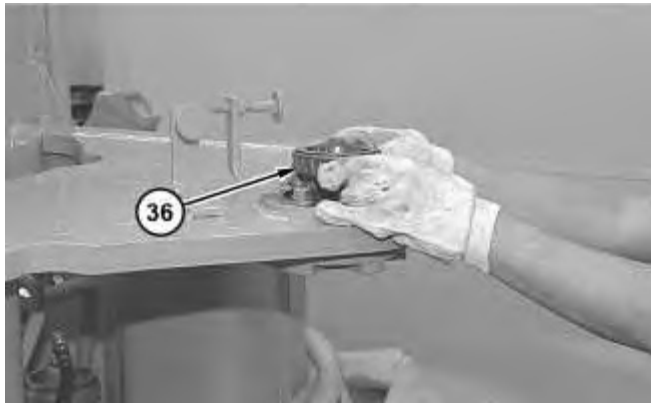


Illustration 3

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5. Apply clean oil to bearing cone (36). Install bearing cone (36) in the correct position, as shown.

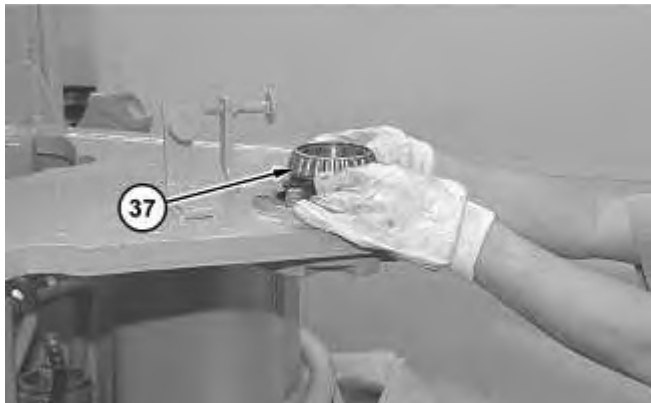


Illustration 4

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6. Apply clean oil to bearing cone (37). Install bearing cone (37) in the correct position, as shown.



Illustration 5

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7. Lower the temperature of upper bearing cup (38) to $-50^{\circ} \pm 5^{\circ}\text{C}$ ($-58^{\circ} \pm 9^{\circ}\text{F}$).
8. Install upper bearing cup (38). Use Tooling (H) in order to ensure that bearing cup (38) lightly contacts the bearing cones.

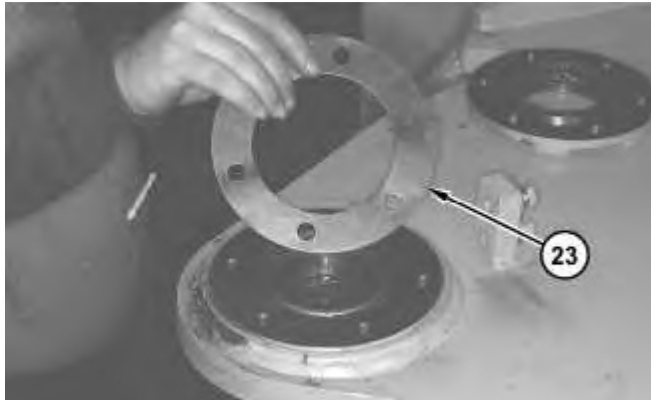


Illustration 6

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9. Install the original shims (23) .

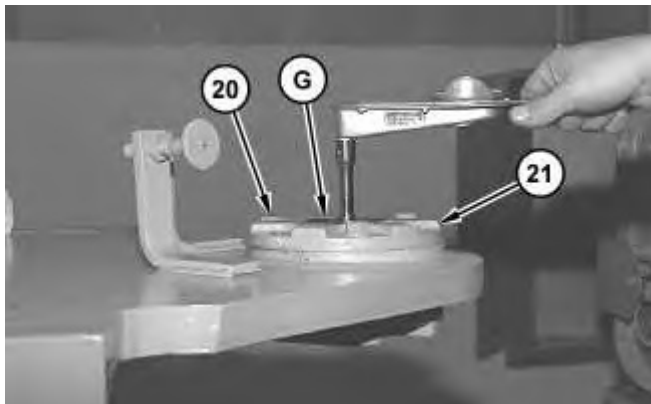


Illustration 7

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Note: Install the upper cap and lower cap in the original radial location.

10. Install upper cap (21). Install bolts (20) that are equally spaced at 120 degree intervals. The torque for bolts (20) is $100 \pm 20 \text{ N}\cdot\text{m}$ ($75 \pm 15 \text{ lb ft}$).
11. Install Tooling (G). Use a suitable torque wrench and Tooling (G) in order to determine the amount of torque that is needed to rotate the bearing cones. As required, adjust the number of shims in order to achieve a rolling torque between $1.1 \text{ N}\cdot\text{m}$ (9.7 lb in) and $5.6 \text{ N}\cdot\text{m}$ (49.6 lb in).
12. Remove Tooling (G) .

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