



# Service Repair Manual

## **Models**

# 993K Wheel Loader

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Product: WHEEL LOADER

Model: 993K WHEEL LOADER Z4Z

Configuration: 993K Wheel Loader Z4Z00001-UP (MACHINE) POWERED BY C32 Engine

## Disassembly and Assembly 993K Wheel Loader Power Train

Media Number -KENR5569-01

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i02517748

# Parking Brake - Disassemble

SMCS - 4267-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0074	Slide Hammer Puller	1
B	8B-7557	Adapter	1

### Start By:

- A. Remove the parking brake. Refer to Disassembly and Assembly, "Parking Brake - Remove".



Illustration 1

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1. Remove bolts (1) that are used to disengage the parking brake.

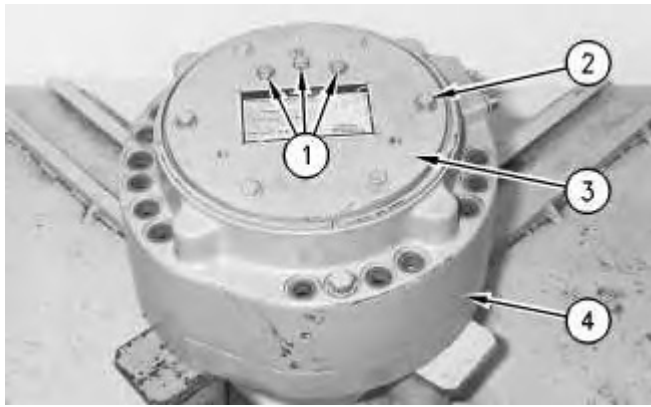


Illustration 2

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2. Install bolts (1) in the holes, as shown. Remove bolts (2) and the washers evenly.
3. Remove retaining plate (3) from brake housing (4) .



Illustration 3

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4. Remove spacers (5) from the brake housing.
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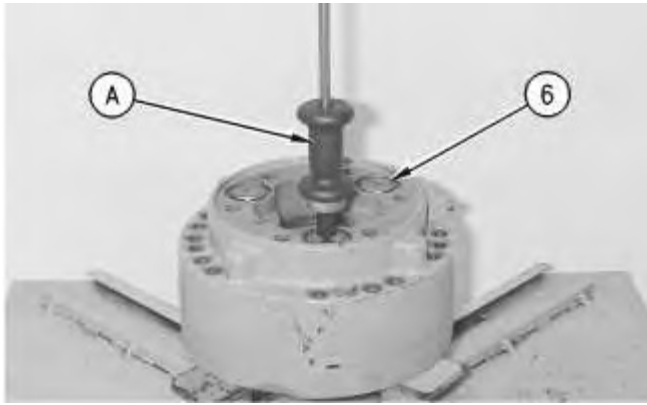


Illustration 4

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5. Use Tooling (A) and Tooling (B) in order to remove pistons (6) from the brake housing.



Illustration 5

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## **WARNING**

**Personal injury can result from being struck by parts propelled by a released spring force.**

**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

6. Loosen bolts (7) evenly until the spring tension against brake housing (4) is released. Then remove bolts (7) and the washers.

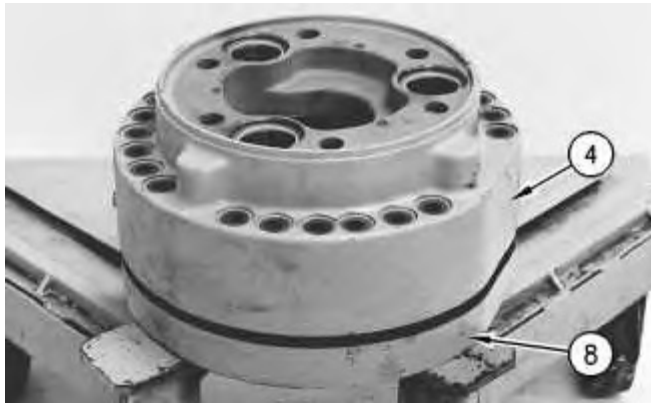


Illustration 6

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7. Use two persons to lift brake housing (4) off bearing cage assembly (8) . The weight of brake housing (4) is approximately 41 kg (90 lb).

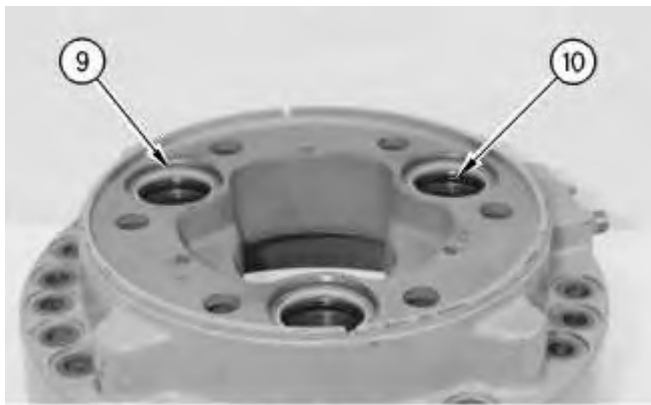


Illustration 7

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8. Remove lip seals (9) and O-ring seals (10) .

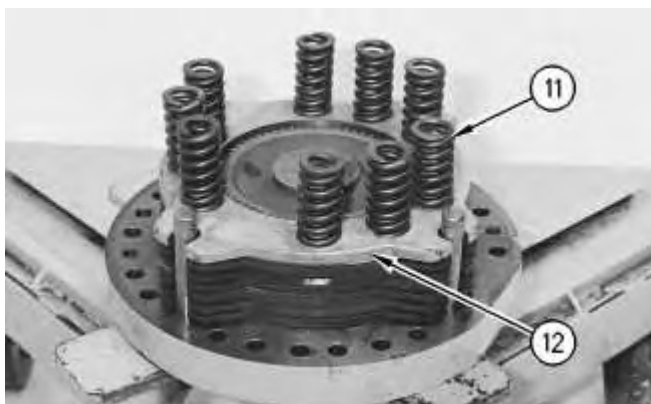


Illustration 8

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