



# Service Repair Manual

## **Models**

**992 and 992B WHEEL LOADER**

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Product: WHEEL LOADER

Model: 992 WHEEL LOADER 25K

Configuration: 992B WHEEL LOADER 25K01170-UP (MACHINE) POWERED BY D348 ENGINE

## Disassembly and Assembly 992B WHEEL LOADER POWER TRAIN

Media Number -SEN7195-00

Publication Date -01/11/1975

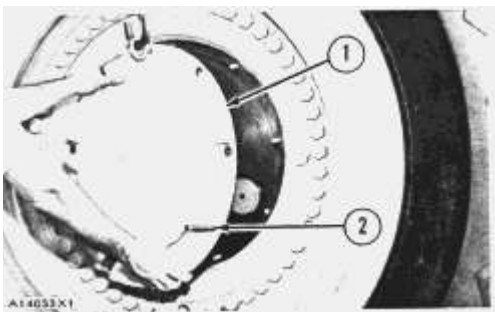
Date Updated -12/10/2001

### Axles

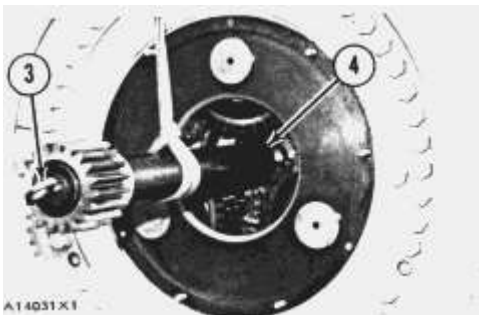
SMCS - 3259-12; 3259-11

## Remove Axles

1. Remove the oil from the final drive compartment.
2. Install a 1/2"-13NC forged eyebolt in the top of the cover and fasten a hoist.



3. Remove the bolts from the cover. Install two 1/2"-13NC forcing screws (2) and remove cover (1). Weight of cover is 65 lb. (29.5 kg).



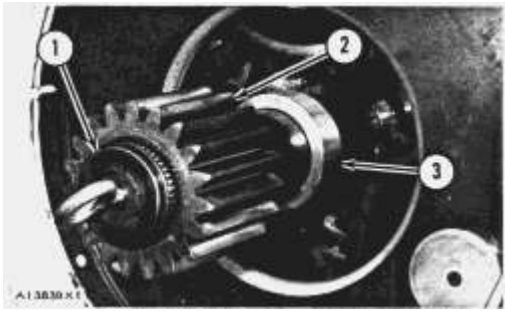
4. Install a 1/2"-13NC forged eyebolt (3) in end of axle and pull axle (4) out far enough to fasten a hoist.

**NOTE:** If axle is difficult to remove, turn machine a little in either direction to remove torque from axles.

5. Remove axle. Weight is 165 lb. (75 kg).

6. Remove ring, sun gear and spacer from axle.

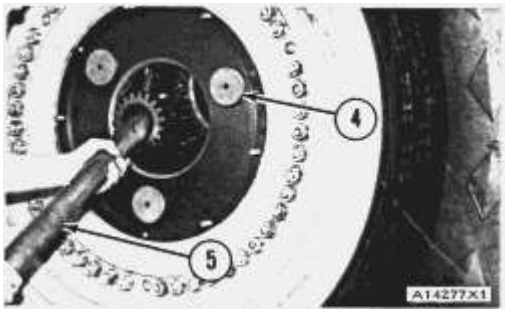
## Install Axles



1. Install spacer (3), sun gear (2) and ring (1) on axle.

2. Fasten a hoist and put the axle in position in the axle housing.

**NOTE:** If the axle does not go into position easily, turn the machine a little to the left or right to get splines in alignment.



3. If the axles can not be lifted high enough to give alignment for splines into the differential, remove ring (1) and slide the sun gear (2) half way off the axle. Use a piece of pipe (5) to lift the axle and push it in position in the differential. Install ring.

4. Turn the flat sides of the three shafts (4) as shown to make clearance for counterbore in cover.

5. Fasten a hoist and put cover in position on wheel and install nuts. Tighten nuts.

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### NOTICE

**If the cover does not fit flat up against the final drive without force,  
remove the cover and repeat Step 4.**

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Publication Date -01/11/1975

Date Updated -12/10/2001

### Final Drive Carriers

SMCS - 4092-15; 4092-16; 4092-11; 4092-12

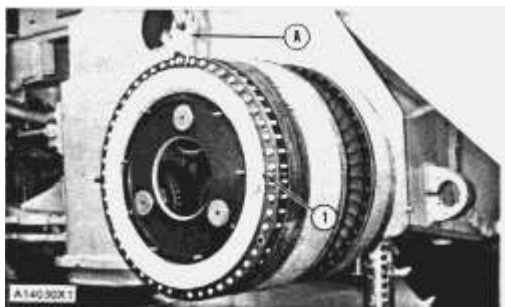
### Remove Final Drive Carriers

| Tools Needed |                 | A |
|--------------|-----------------|---|
| FT522        | Lifting Bracket | 1 |

start by:

a) remove tires and rims

b) remove axles



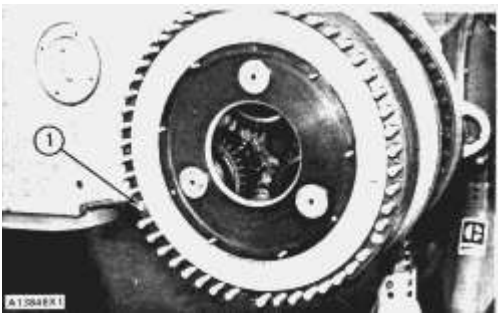
1. Remove three bolts that hold the final drive carrier in place. Install two 1/2"-13NC forcing screws (1) in carrier. Move the carrier out far enough to install tool (A) and a 1/2"-13NC X 1 3/4 in. long bolt, flat washer and nut.

2. Fasten a hoist and remove final drive carrier. Weight is 515 lb. (234 kg).

### Install Final Drive Carriers

| Tools Needed |                 | A |
|--------------|-----------------|---|
| FT522        | Lifting Bracket | 1 |

1. Fasten a hoist and put the final drive carrier in position on wheel.



2. Remove tool (A) and install the three bolts (1) to hold the carrier in place.

end by:

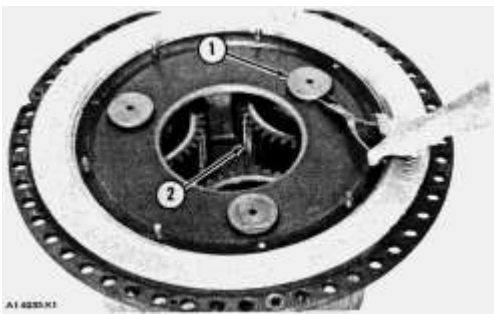
a) install axles

b) install tire and rim

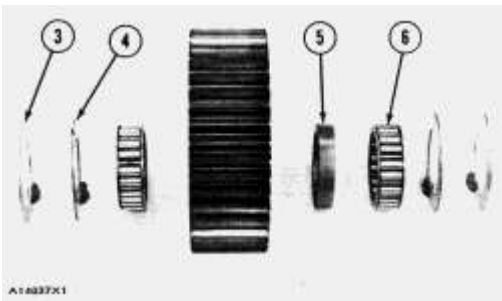
## Disassemble Final Drive Carriers

start by:

a) remove fuel drive carrier



1. Lift the three shafts (1) out of carrier or remove snap ring and remove shaft from bottom.



2. Remove the three gears (2), six steel washers (4) and six brass (3) washers from carrier.

3. Remove two bearings (6) and spacer (5) from each of the gears.

## Assemble Final Drive Carriers

1. Install two bearings and spacer in each gear with the spacer between the bearings.

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