



Service Repair Manual

Models

950B 950E WHEEL LOADER

Product: WHEEL LOADER

Model: 950B WHEEL LOADER 65R

Configuration: 950E WHEEL LOADER 65R03089-UP (MACHINE) POWERED BY 3304 ENGINE

Disassembly and Assembly 950B WHEEL LOADER POWER TRAIN

Media Number -SEN2258-01

Publication Date -01/05/1987

Date Updated -15/09/2004

SEN22580009

Wheel Spindles

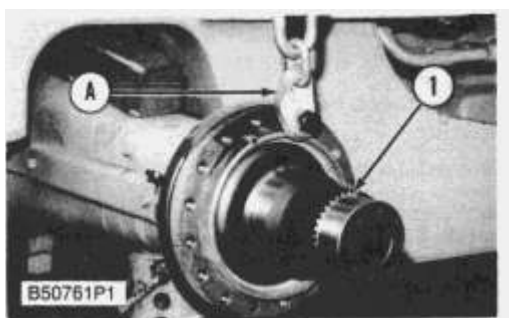
SMCS - 4205-010

Remove And Install Wheel Spindles

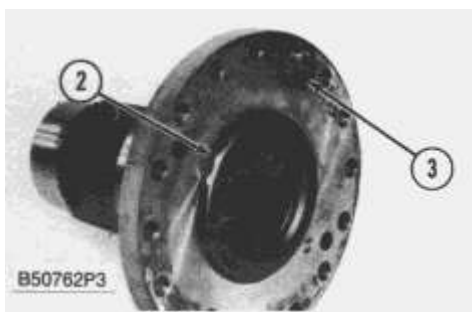
Tools Needed		A
6V2157	Link Bracket	1

Start By:

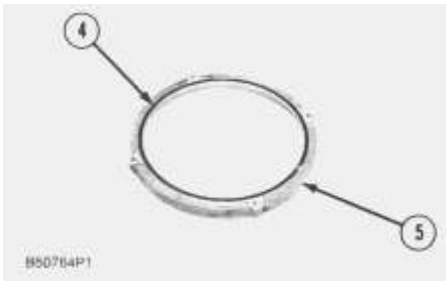
- a. remove wheels, bearings and duo-cone seals



1. Fasten tool (A) and a hoist to spindle (1). Remove the bolts and spindle (1). The weight of the spindle is 27 kg (60 lb.).



2. Remove O-ring seal (2) from the spindle.
3. Remove bolts (3) and remove the retainer from the spindle.



4. Remove O-ring seal (4) from retainer (5).

NOTE: The following steps are for the installation of the wheel spindles.

5. Install O-ring seal (4) in position on retainer (5).
6. Install retainer (5) on the spline side of the spindle (3).
7. Install O-ring seal (2) on the back of the spindle.
8. Fasten tool (A) and a hoist to spindle (1). Put the spindle in position on the axle housing and install the bolts. Tighten the bolts to a torque of $475 \pm 50 \text{ N}\cdot\text{m}$ ($350 \pm 37 \text{ lb}\cdot\text{ft.}$).

End By:

- a. install wheels, bearings and duo-cone seals

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SEN22580010

Front Axle Housing

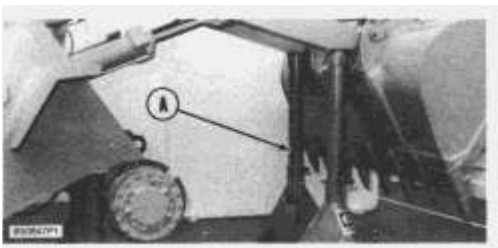
SMCS - 3260-010

Remove And Install Front Axle Housing

Tools Needed		A
8S7615	Pin	2
8S8048	Saddle	2
8S7630	Stand	2
8S7641	Tube	2

Start By:

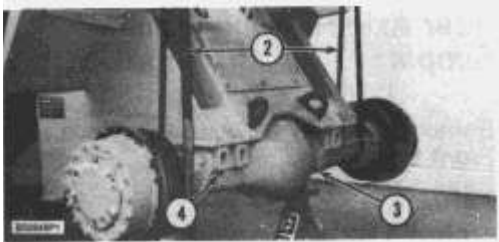
- a. remove tires and rims (front)
- b. remove front drive shaft



1. Lift the bucket and put tooling (A) in position under the lift arms as shown. This will permit access to the front axle bolts.



2. Disconnect brake line (1) from the junction box as shown.



3. Fasten nylon straps (2) and hoist to front axle housing (3) as shown.

4. Remove nuts (4), the bolts and the washers. Carefully lower front axle housing from the machine. The weight of the axle housing is 953 kg (2100 lb.).

NOTE: The following steps are for the installation of the front axle housing.

5. Fasten nylon straps (2) and hoists to axle housing (3).

6. Put axle housing (3) into position on the machine as shown.

7. Install the bolts, the washers and nuts (4) that hold the axle housing to the machine. Tighten the nuts to a torque of 275 ± 35 N·m (200 ± 26 lb.ft.).

8. Connect brake line (1) to the junction box. Remove (bleed) the air from the brake system.

9. Remove tooling (A).

End By:

a. install front drive shaft

b. install tires and rims (front)

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