



# Service Repair Manual

## **Models**

# 518 WHEEL SKIDDER

---

Product: WHEEL SKIDDER

Model: 518 WHEEL SKIDDER 95U

Configuration: 518 GRAPPLE SKIDDER--SERIES II 95U03200-UP (MACHINE) POWERED BY 3304 ENGINE

## Disassembly and Assembly

### 518 SERIES II LOG SKIDDER AND GRAPPLE SKIDDER POWER TRAIN

Media Number -SEN5248-01

Publication Date -01/10/2004

Date Updated -24/05/2005

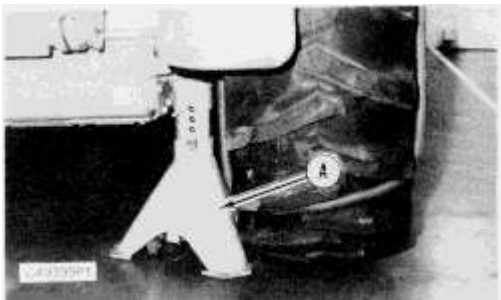
SEN52480002

## Tires & Rims

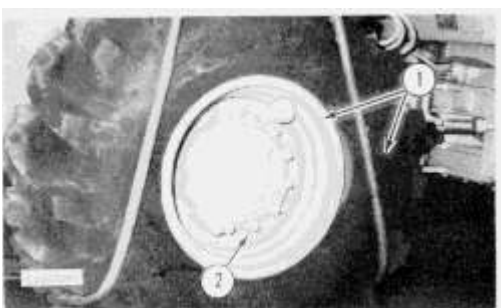
SMCS - 4202-011; 4202-012

### Remove Tires & Rims

Tools Needed		A
8S7640	Stand	1
8S7611	Tube	1
8S7615	Pin	1



1. Lift the tire of the floor with a cable and hoist. Put tooling (A) and wooden blocks in position as shown under the axle housing.



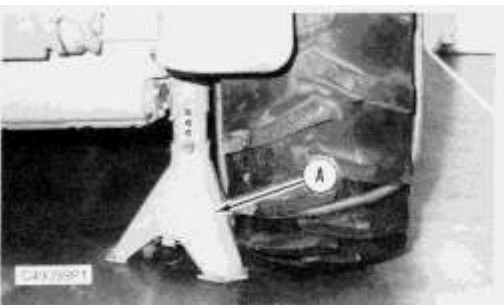
2. Remove mounting nuts (2) from wheel assembly. Remove the tire and rim (1). The weight of the tire and rim assembly is **640 lb (290 kg)**.

## Install Tires & Rims

Tools Needed		A
8S7640	Stand	1
8S7611	Tube	1
8S7615	Pin	1



1. Put the tire and rim in position on the wheel studs with a cable and hoist.
2. Install stud nuts and tighten to a torque of **350 ± 35 lb ft (475 ± 45 Nm)**.



3. Lift the tire high enough to remove the wooden blocks and tooling (A) from under vehicle.

Product: WHEEL SKIDDER

Model: 518 WHEEL SKIDDER 95U

Configuration: 518 GRAPPLE SKIDDER--SERIES II 95U03200-UP (MACHINE) POWERED BY 3304 ENGINE

## Disassembly and Assembly

### 518 SERIES II LOG SKIDDER AND GRAPPLE SKIDDER POWER TRAIN

Media Number -SEN5248-01

Publication Date -01/10/2004

Date Updated -24/05/2005

SEN52480003

## Wheels & Wheel Spindles

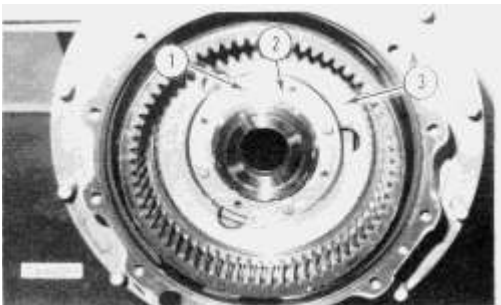
SMCS - 4205-011; 4205-012; 4208

### Remove Wheel & Wheel Spindles

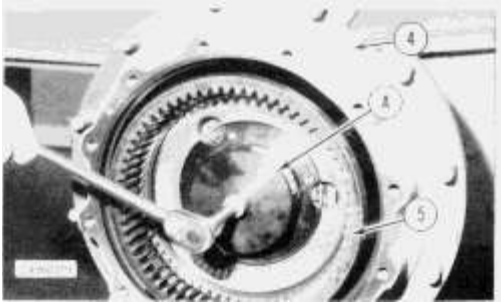
Tools Needed		A	B	C
6V3132	Spanner Wrench	1		
6V2157	Link Bracket		1	
1H3107	Puller Assembly			1
1H3112	Bearing Cup Puller Attachment			1

Start By:

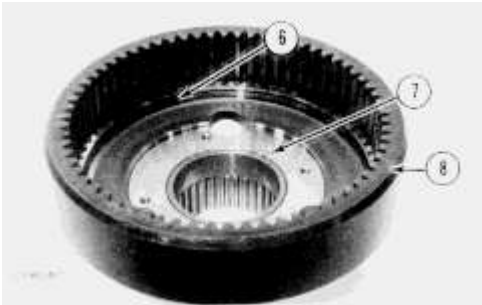
- a. remove tires and rims
- b. remove final drives



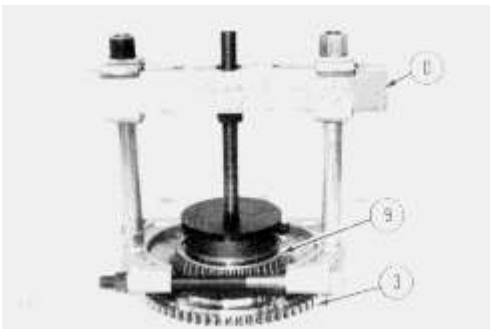
1. Remove four bolts (1) and lock nut (2) from hub assembly (3).



2. Use tool (A) to remove nut from spindle. Install tooling (B) on wheel assembly (4) and remove gear assembly (5) from wheel assembly.

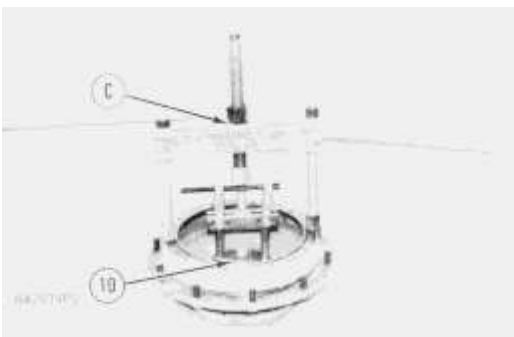


3. Remove retaining ring (6) from hub assembly (7) and remove ring gear (8).



4. Remove roller cone bearing (9) if necessary from hub assembly (3) with tooling (D).

5. Remove wheel assembly from spindle.



6. Remove bearing cup (10) from wheel assembly with tooling (C).

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)