



Service Repair Manual

Models

966R WHEEL LOADER

Product: WHEEL LOADER

Model: 966R WHEEL LOADER 58Z

Configuration: 966R WHEEL LOADER 58Z00001-UP (MACHINE) POWERED BY 3306 ENGINE

Disassembly and Assembly 966R WHEEL LOADER POWER TRAIN

Media Number -SEN2414-01

Publication Date -01/03/1985

Date Updated -11/10/2001

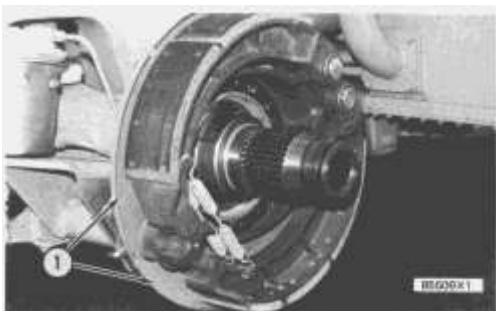
Brake Shoes

SMCS - 4253-12; 4253-11

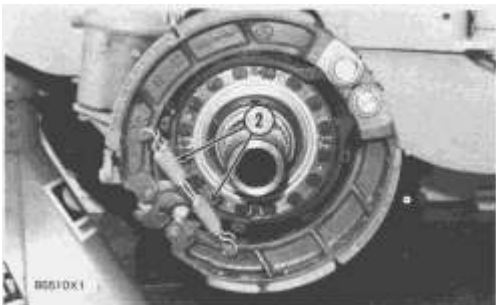
Remove Brake Shoes

start by:

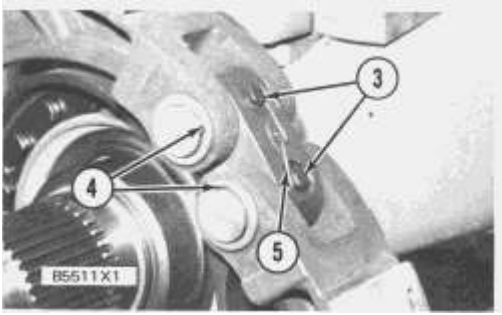
a) remove wheels, bearings and Duo-Cone seals



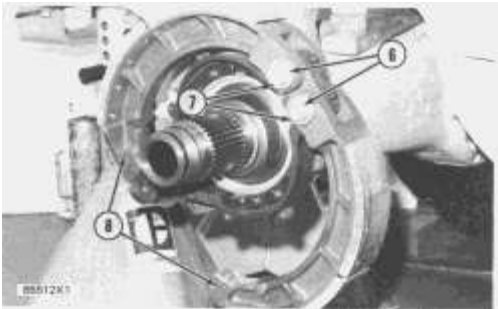
1. Remove covers (1) from the spindle.



2. Use an acceptable brake tool to remove springs (2) from the brake shoes.

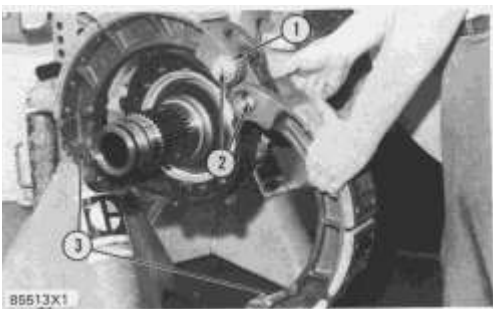


3. Remove lockwire (5). Loosen bolts (3) approximately .50 in. (12.7 mm).
4. Remove springs (4) from the pins.

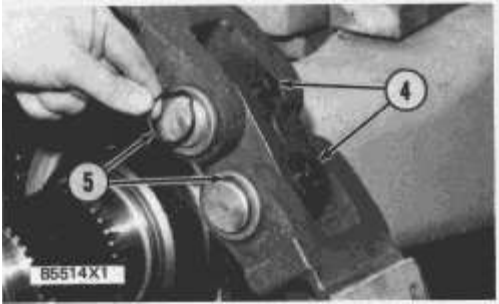


5. Remove retainers (7) and felt washers.
6. Remove pins (6). Remove brake shoes (8). Remove springs, retainers and felt washers from the other end of pins (6).

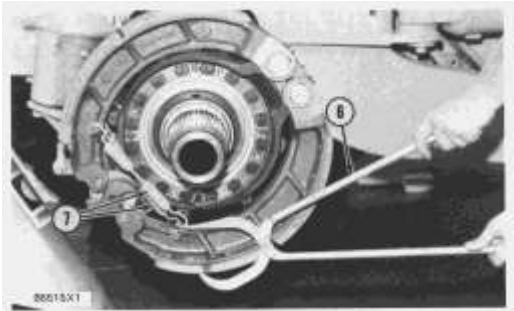
Install Brake Shoes



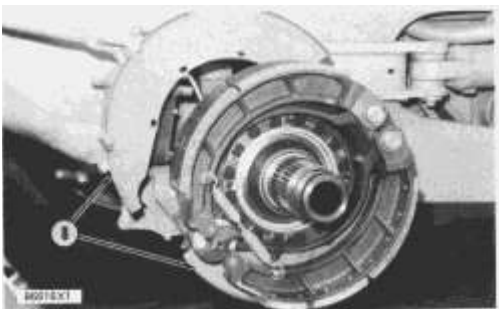
1. Install the felt washers, retainers and springs on one end of pins (2).
2. Put brake shoes (3) in position on the spider and bearing assembly and install pins (2).
3. Install felt washers and retainers (1) on the pins.
4. Install springs (5) on the pins.



5. Tighten bolts (4). Make sure the holes in the pins are in alignment with the bolts before the bolts are tightened.



6. Use an acceptable brake tool (6) to install springs (7) on the brake shoes.



7. Install covers (8) on the spindle.

NOTE: After the final drive ring gears and hubs have been installed, make an adjustment to the brakes. See BRAKE ADJUSTMENT, 966C AIR SYSTEM AND BRAKES.

end by:

a) install wheels, bearings and Duo-Cone seals

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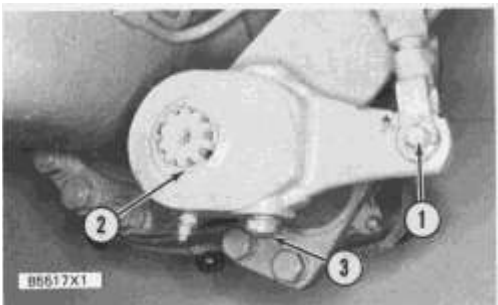
Wheel Spindles

SMCS - 4205-12; 4205-11

Remove Wheel Spindles

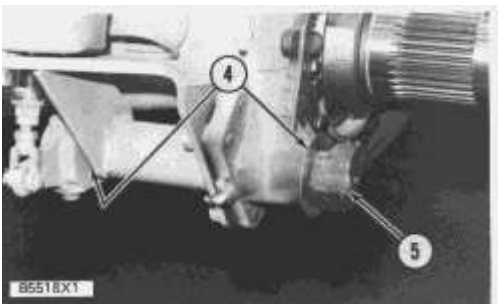
start by:

a) remove brake shoes



1. Turn slack adjuster (3) to release any force on pin (1).

2. Remove retainer ring (2) from the brake camshaft.



3. Remove brake camshaft (5). Remove washers (4) from between the bracket assembly and slack adjuster assembly and from between the brake camshaft and spindle housing.



WARNING

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