



Service Repair Manual

Models

926 and 926E WHEEL LOADER

Product: WHEEL LOADER

Model: 926 WHEEL LOADER 94Z

Configuration: 926E WHEEL LOADER 94Z02209-UP (MACHINE) POWERED BY 3204 ENGINE

Disassembly and Assembly 926 WHEEL LOADER POWER TRAIN

Media Number -SEN3065-00

Publication Date -01/05/1985

Date Updated -15/10/2004

SEN30650007

Brake Carriers (Linings)

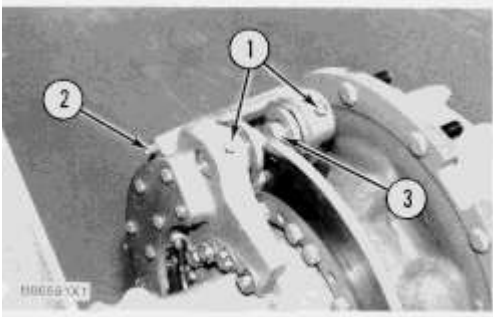
SMCS - 4254-011; 4254-012

Remove Brake Carriers (Linings)

START BY:

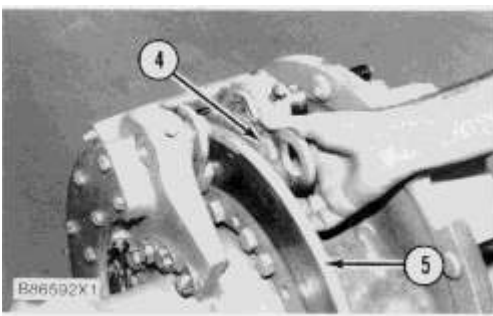
a. remove tires and rims (front or rear)

1. Make sure the brake caliper and brake carriers (linings) are clean and free of dirt and foreign material.



NOTE: If necessary, loosen bleed screw (2) to release the fluid in the brake caliper.

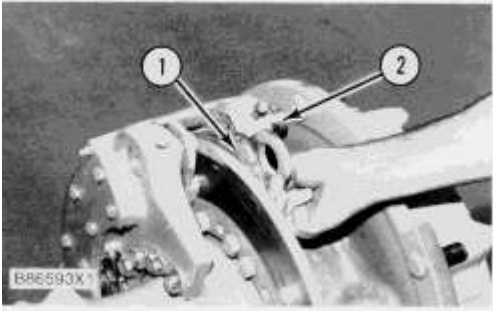
2. Loosen bolts (1) that hold pins (3) in position in the brake calipers. Pull pin (3) from the caliper until the brake carrier (lining) can be removed.



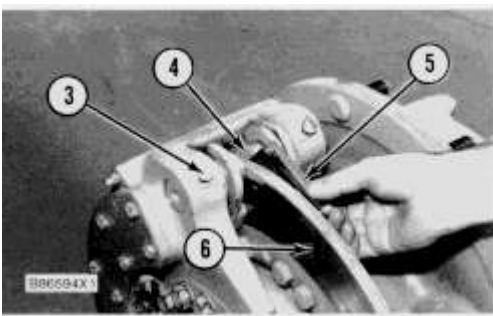
3. Remove brake carrier (lining) (4) from each side of brake disc (5).

Install Brake Carriers (Linings)

1. Push the brake pistons further back into the brake caliper to obtain the needed clearance to install new brake linings.



2. Put brake carrier (lining) (1) in position on the lower pins in the brake caliper.
3. Check the seals on pins (2). Push pins (2) in position in the caliper to hold the brake carriers (linings) in position.



4. Check the clearance between pins (4) on each end of the caliper and brake disc (6) with a thickness gauge (5). The clearance between pin (4) and brake disc (6) must not be less than 0.25 mm (.010 in.) and not more than 3.00 mm (.118 in.). Move pins (4) in or out to get the correct amount of clearance.
5. Tighten bolts (3) to a torque of 45 ± 7 N·m (33 ± 5 lb.ft.).
6. Remove (bleed) the air from the brake system. See Testing And Adjusting.

END BY:

- a. install tires and rims (front or rear)

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Brake Caliper Assemblies

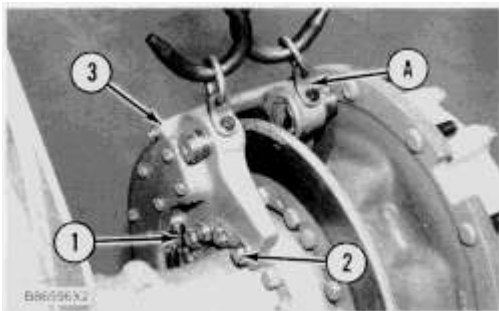
SMCS - 4256-010; 4256-015; 4256-016

Remove And Install Brake Caliper Assemblies

Tools Needed		A
6V2156	Link Bracket	2

START BY:

a. remove brake carriers (linings)



1. Disconnect brake line (1). Install tooling (A), and attach a hoist. Remove bolts (2), and remove brake caliper (3). The weight is 28 kg (62 lb.).

NOTE: The following steps are for installation of the brake caliper assemblies.

2. Put the brake caliper in position, and install bolts (2). Tighten the bolts to a torque of 270 ± 25 N·m (200 ± 18 lb.ft.).

3. Connect brake line (1).

END BY:

- a. install brake carriers (linings)

Disassemble Brake Caliper Assemblies

Tools Needed		A
8T884	Caliper Brake Tool Group	1

START BY:

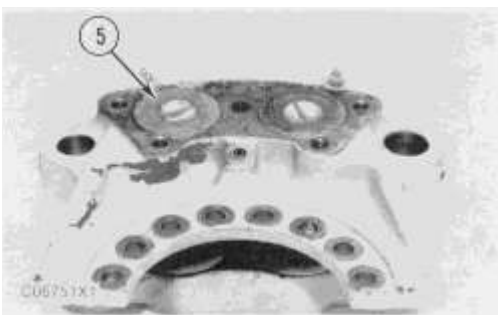
- a. remove brake caliper assemblies



1. Remove bolts (1) and four pins (2).



2. Remove bolts (3) and cover (4).



3. Remove plugs (5).

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