

Product: VIBRATORY COMPACTOR

Model: CB-534D VIBRATORY COMPACTOR C2B

Configuration: CB-534D Vibratory Compactor C2B00001-UP (MACHINE) POWERED BY 3054C Engine

Disassembly and Assembly CB-534D, CB-534D XW and CB-564D Vibratory Compactors Machine Systems

Media Number -KENR3614-05

Publication Date -01/09/2008

Date Updated -22/09/2008

i02439661

Articulating Hitch (Offset) - Remove

SMCS - 7057-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	180-3032	Repair Stand Set	1
B	140-7742	Sleeve	2
C	1U-8230	Nylon Sling	2
D	1U-9744	Hydraulic Jack	1

Start By:

- Remove the engine enclosure. Refer to Disassembly and Assembly, "Engine Enclosure - Remove and Install".



Illustration 1

g01095895

1. Raise the front of the machine and install Tooling (A) .

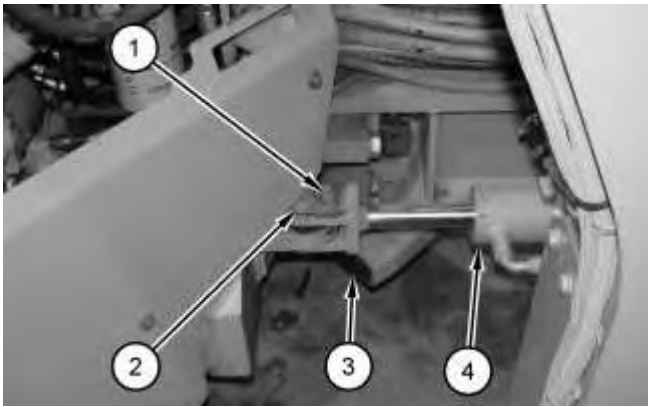


Illustration 2

g01218305

2. Remove bolt (1) and pin assembly (2). Remove steering cylinder (4) from articulating hitch (3) .
-

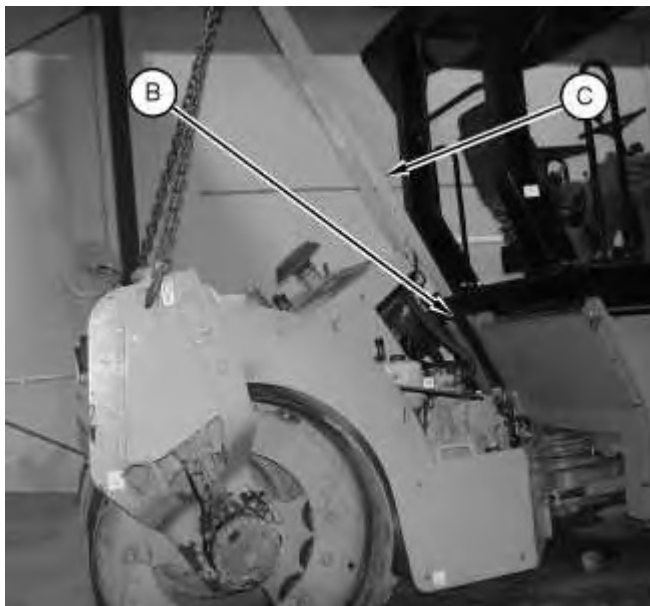


Illustration 3

g01095928

A typical example

3. Attach a suitable lifting device, Tooling (B), and Tooling (C) to the rear frame.

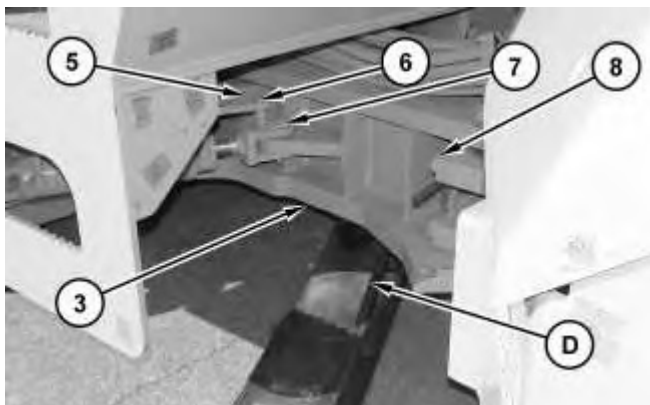


Illustration 4

g01219039

4. Remove bolt (6) and pin assembly (7). Remove the offset cylinder from the hitch assembly.
5. Secure Tooling (D) to articulating hitch (3). Remove bolts (5) from each side of the front frame.
6. Remove bolts (8) from the rear frame. Lift the rear frame and move the rear frame far enough in order to provide clearance for articulating hitch (3). The weight of articulating hitch (3) is approximately 270 kg (595 lb).

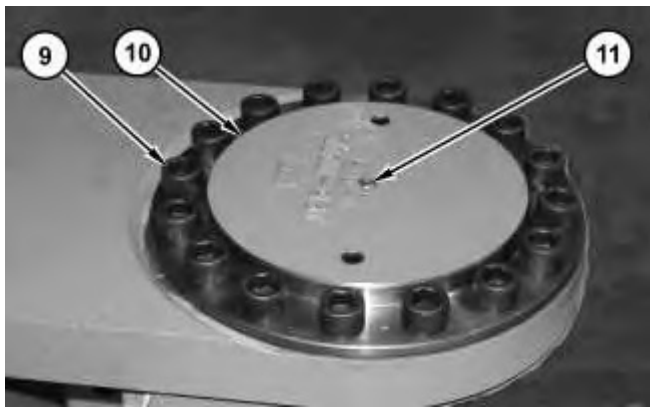


Illustration 5

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7. Remove bolts (9), upper cap (10), and plug (11) .

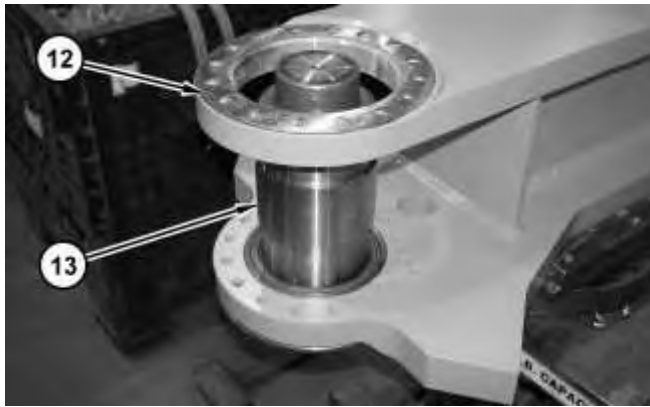


Illustration 6

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8. Remove shims (12) and shaft (13) .



Illustration 7

g01219157

9. Remove bolts (14), lower cap (15), and plug (17) .



Illustration 8

g01219160

10. Remove lip seal (17) and bearing cone (18) from the upper and lower caps.

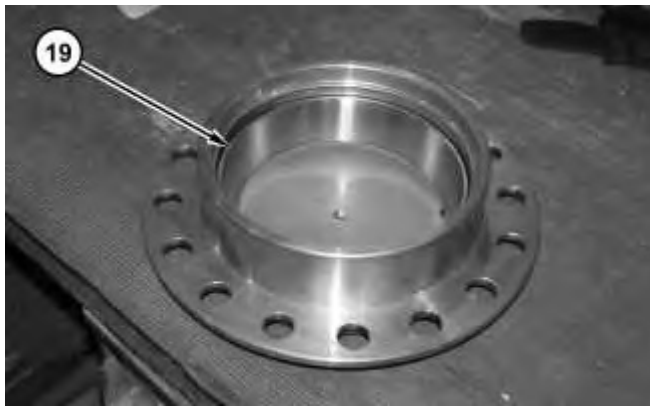


Illustration 9

g01219162

11. If necessary, remove bearing cup (19) from the upper and lower caps.
 12. Repeat Steps 7 through 11 for the other end of articulating hitch.
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i03515061

Articulating Hitch (Offset) - Install

SMCS - 7057-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	180-3032	Repair Stand Set	1
B	140-7742	Sleeve	2
C	1U-8230	Nylon Sling	2
D	1U-9744	Hydraulic Jack	1
E	1P-0808	Multipurpose Grease	1
F	6V-4876	Lubricant	1
G	3B-8489	Grease Fitting	2

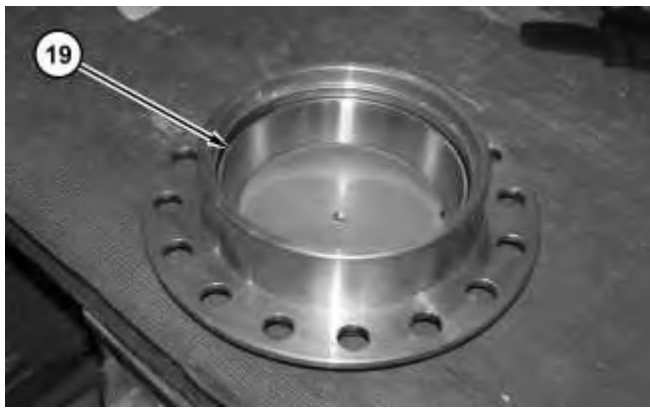


Illustration 1

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1. Install bearing cup (19) in the upper and lower caps.

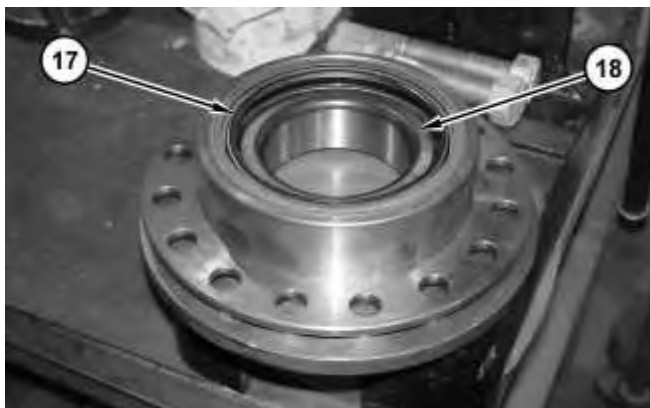


Illustration 2

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2. Install bearing cone (18) and lip seal (17) in the upper and lower caps.

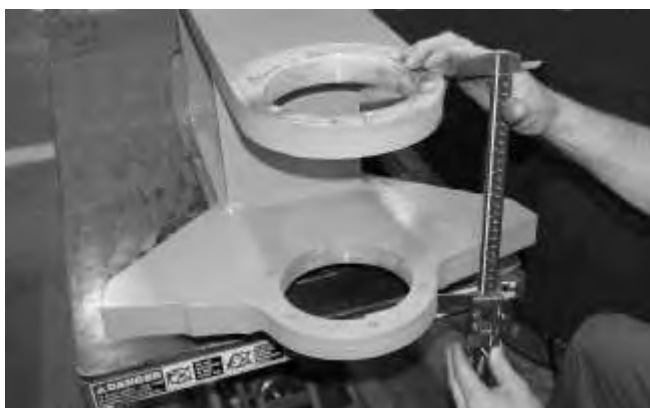


Illustration 3

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3. Use a digital caliper to measure the distance between the ears on the pin end of the hitch. Measure the right and left side of the counterbores. Take the average of the two measurements in order to get Dimension (X) . Subtract Dimension (X) from 250 mm (9.8 inch). This will be the required shim thickness. This shim thickness will achieve the required preload. Install shims.

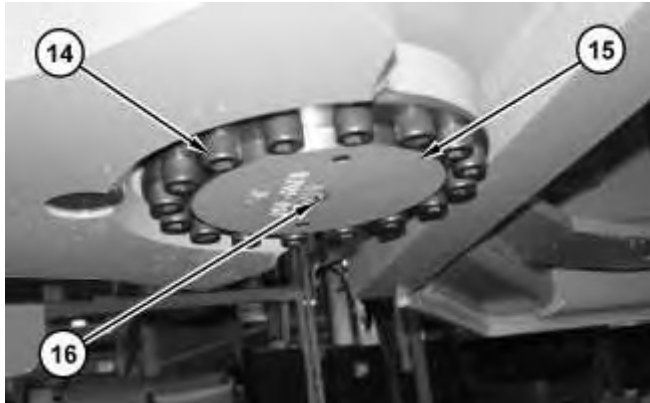


Illustration 4

g01219157

4. Install lower cap (15) , plug (16) , and bolts (14) .

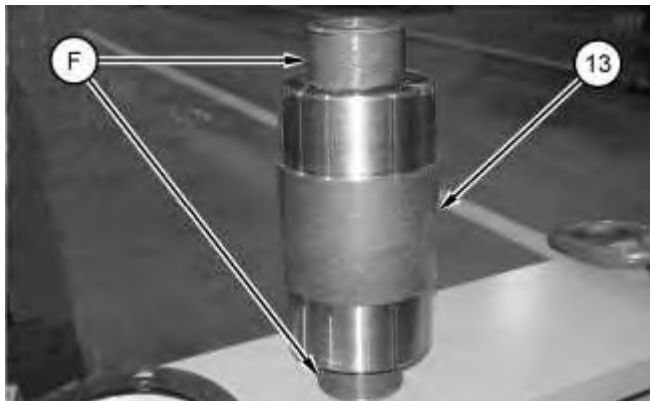


Illustration 5

g01219193

5. Apply Tooling (F) to shaft (13) , as shown.
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