

Product: EXCAVATOR

Model: 320D L EXCAVATOR DHK

Configuration: 320D & 320D L Excavators DHK00001-UP (MACHINE) POWERED BY 3066 Engine

Disassembly and Assembly 320D Excavator Machine Systems

Media Number -REN8614-14

Publication Date -01/05/2013

Date Updated -19/07/2017

i07316669

Boom Cylinder - Remove and Install

SMCS - 5456-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	4C-9485	Pin Driver Cap	1



Cylinders equipped with lock valves can remain pressurized for very long periods of time, even with the hoses removed.

Failure to relieve pressure before removing a lock valve or disassembling a cylinder can result in personal injury or death.

Ensure all pressure is relieved before removing a lock valve or disassembling a cylinder.

NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting, and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat[®] products.

Dispose of all fluids according to local regulations and mandates.

1. Fully extend the bucket cylinder. Fully extend the stick cylinder. Lower the boom until the stick assembly is in contact with the ground.
 2. Release the pressure in the hydraulic system. Refer to Disassembly and Assembly, "Hydraulic System Pressure - Release".
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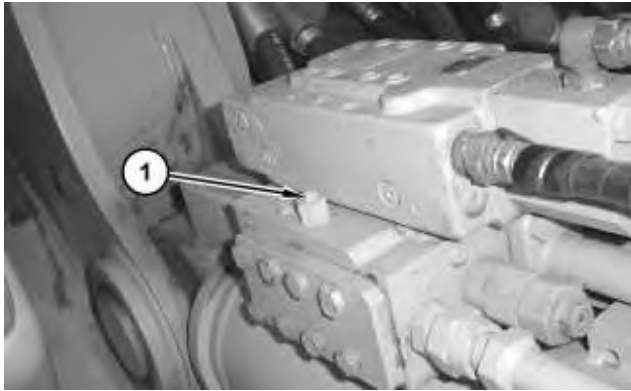


Illustration 1

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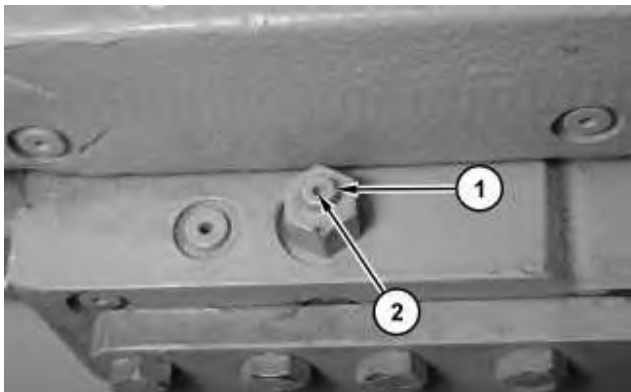


Illustration 2

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3. Loosen nut (1). Turn bolt (2) counterclockwise to release the pressure in the cylinder.
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Illustration 3

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4. Remove bolts (3).

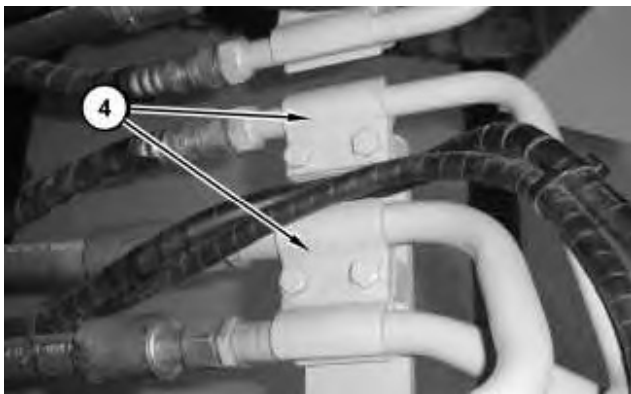


Illustration 4

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5. Remove clamps (4).

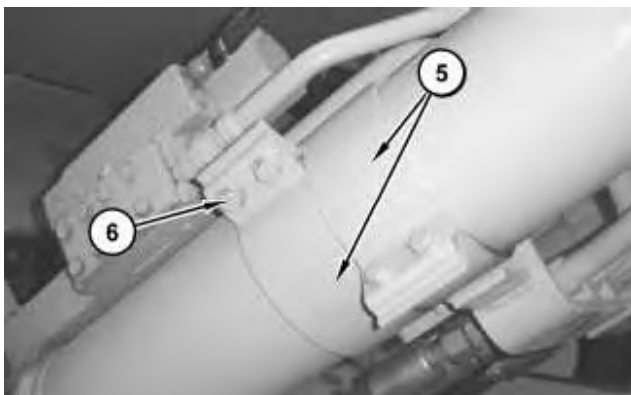


Illustration 5

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6. Remove bolts (6) and support assemblies (5).

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