

Product: MINI HYD EXCAVATOR

Model: 303E CR MINI HYD EXCAVATOR CR7

Configuration: 303E CR Mini Hydraulic Excavator CR700001-UP (MACHINE) POWERED BY C1.3 Engine

Disassembly and Assembly 303E CR, 303.5E, 304E, 305.5E and 305E Mini Hydraulic Excavators Machine Systems

Media Number -UENR0148-04

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i04729129

Support (Swing Boom) - Remove

SMCS - 7051-S4

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	140-7742	Sleeve	2
B	5P-4197	Spacer	1
	1P-1832	Adapter	1
	4C-9633	Puller Stud	1
	6V-3160	Double Acting Cylinder	1
	9U-6833	Nut	1
	350-7768	Electric Hydraulic Pump Gp	1
C	4C-9633	Puller Stud	1
	6V-3160	Double Acting Cylinder	1
	1P-1832	Adapter	1
	9U-6833	Nut	1
	350-7768	Electric Hydraulic Pump Gp	1

Start By:

- a. Remove the boom cylinder.

WARNING

When you are using hydraulic cylinders and puller studs, always ensure that the rated capacity of the puller stud meets or exceeds the rated capacity of the hydraulic cylinder. If the puller stud does not meet or exceed the rated capacity of the hydraulic cylinder, a sudden failure of the puller stud could occur. The sudden failure of the puller stud could result in personal injury or death.

Note: Put identification marks on all lines, on all hoses, on all wires, and on all tubes for installation purposes. Plug all lines, hoses, and tubes in order to prevent fluid loss and to keep contaminants from entering the system.

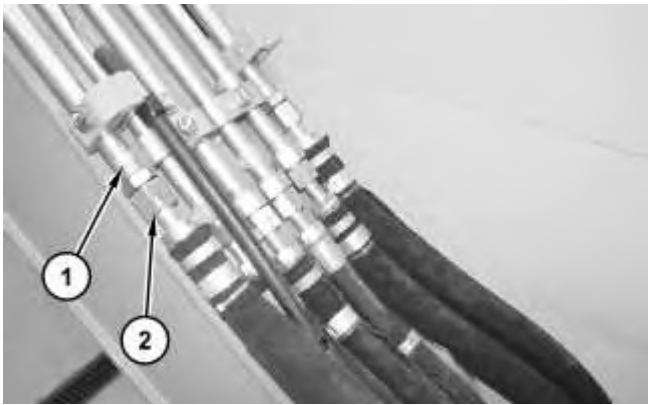


Illustration 1

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Illustration 2

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1. Disconnect hose assemblies (2) from tube assemblies (1) that are located at the rear of the boom. All hose assemblies (2) and tube assemblies (1) should be capped and the caps should be tight.
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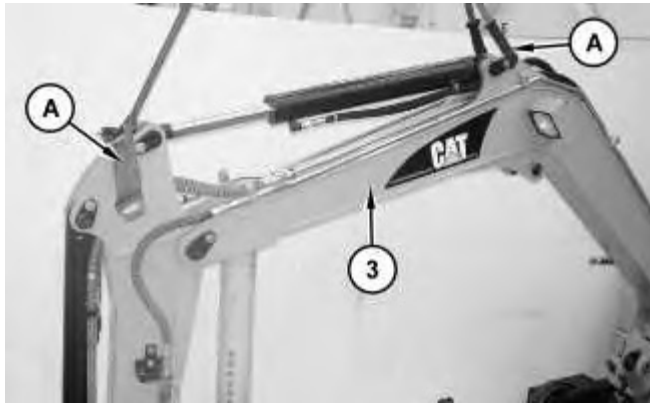


Illustration 3

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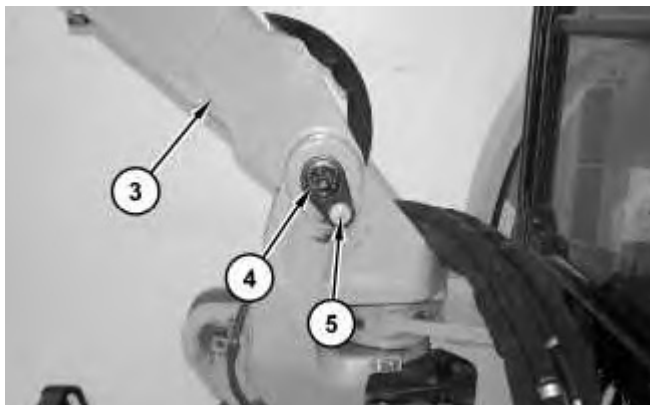


Illustration 4

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2. Attach Tooling (A) and a suitable lifting device to boom assembly (3). The weight of boom assembly (3) is approximately 522 kg (1150 lb).
3. Remove bolt (5) and pin assembly (4). Remove boom assembly (3).

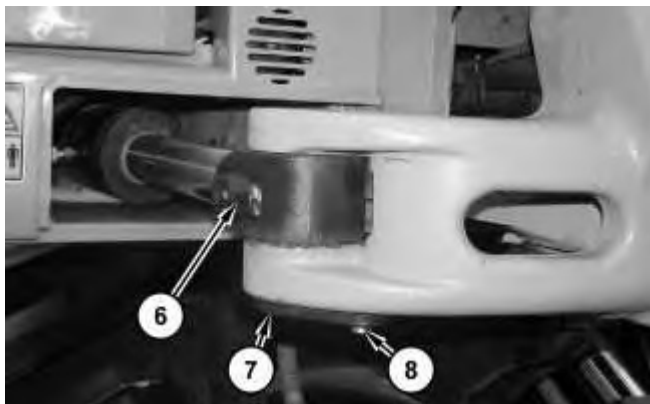


Illustration 5

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4. Remove bolt (8) and pin assembly (7). Position swing boom cylinder (6) to the side.
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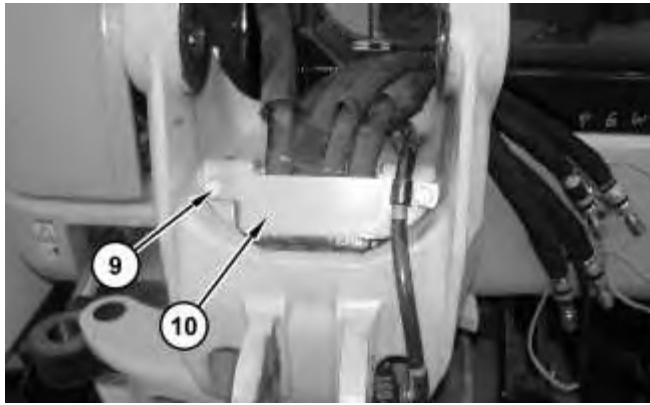


Illustration 6

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5. Remove bolts (9) and guard (10).

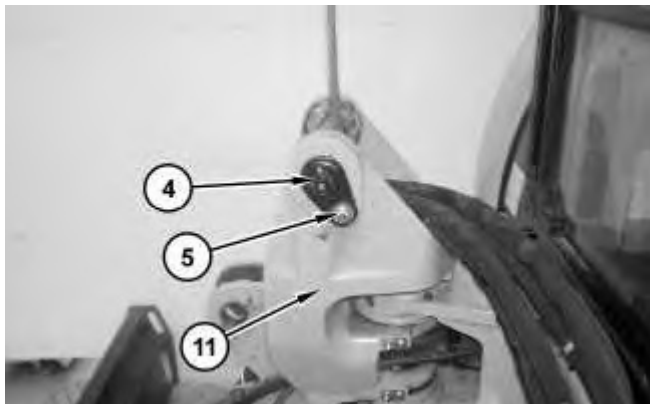
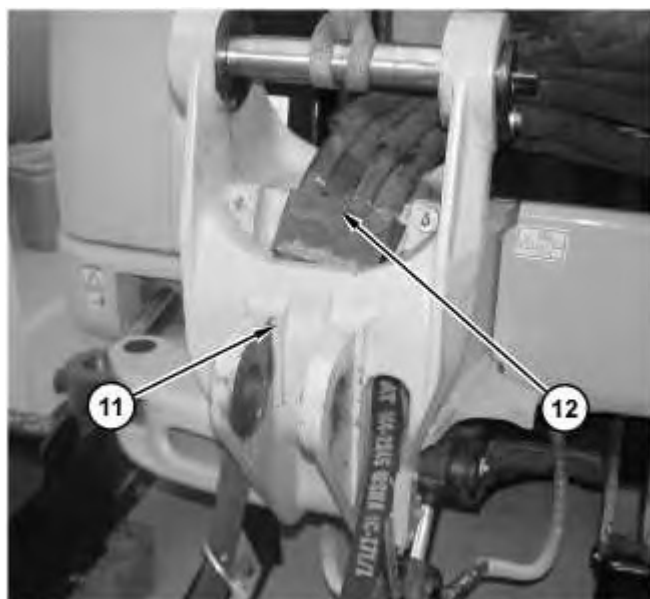


Illustration 7

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6. Install pin assembly (4) and bolt (5) that held the head end of the stick cylinder. Pin assembly (4) is used for the removal of support (11). Attach a suitable lifting device to pin assembly (4) and support (11). The weight of support (11) is approximately 160 kg (350 lb).



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