

Product: MINI HYD EXCAVATOR

Model: 308E SR MINI HYD EXCAVATOR JSN

Configuration: 308E SR Mini Hydraulic Excavator JSN00001-UP (MACHINE) POWERED BY C3.3B Engine

Disassembly and Assembly

308ECR and 308ESR Mini Hydraulic Excavators Machine Systems

Media Number -UENR3284-03

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i07113967

Stick - Remove and Install

SMCS - 6502-010

S/N - CE81-UP

S/N - JBE1-UP

S/N - JC51-UP

S/N - JSN1-UP

S/N - KC51-UP

S/N - MC51-UP

S/N - PC81-UP

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	283-1495	Stand Assembly	1
B	1U-9200	Lever Puller Hoist	1
C	123-3804	Bearing Puller Adapter	1
	9S-5565	Pin Puller Sleeve As	1
	4C-9634	Puller Stud	1
	6V-3160	Double Acting Cylinder	1
	4K-0684	Hard Washer	1

	9U-6832	Nut	1
	350-7768	(Electric Hydraulic Pump Gp) (115V)	1
	350-7769	(Electric Hydraulic Pump Gp) (230V)	
D	5P-2145	Bearing Puller Adapter	1
	4C-9633	Puller Stud	1

Start By:

- a. Remove the bucket.



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.



WARNING

At operating temperature, the hydraulic oil is hot and under pressure. Hot oils can cause burns.

To prevent possible personal injury, release the pressure in the work tool hydraulic circuit (boom, stick, bucket, and swing), travel circuits, and the hydraulic oil tank at the filler cap before any hydraulic lines or components are disconnected or removed.

Remove the filler cap only when the engine is stopped and the filler cap is cool enough to touch.

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. Release the hydraulic system pressure.
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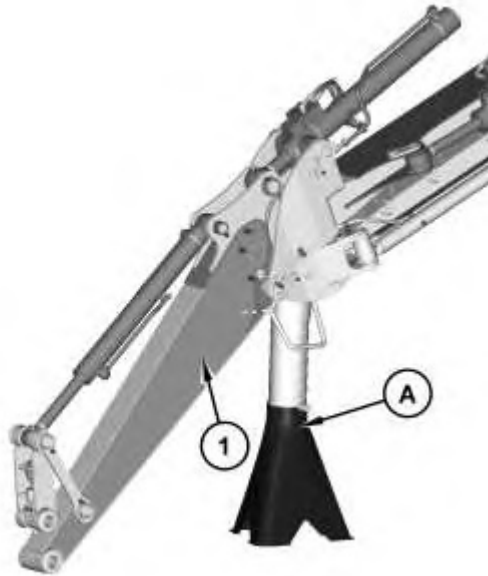


Illustration 1

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2. Lower the boom onto Tooling (A). Lower stick (1) to the ground, as shown.
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Illustration 2

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3. Disconnect hose assemblies (2).

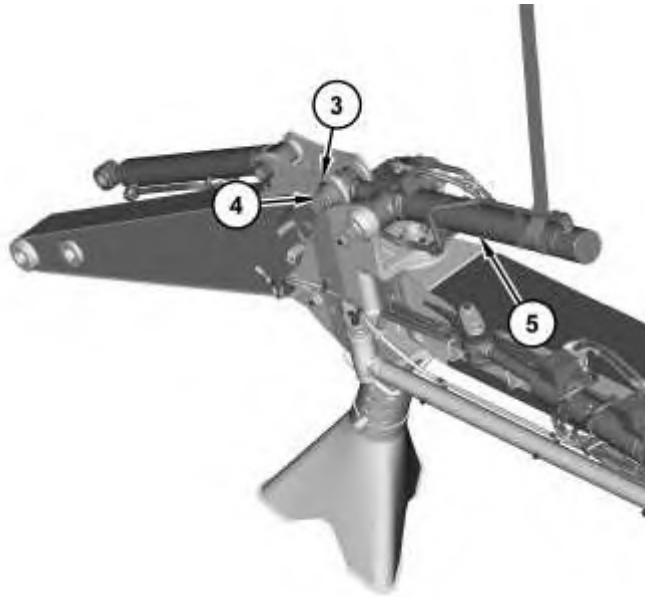


Illustration 3

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4. Attach a suitable lifting device to the head end of stick cylinder (5).
5. Remove retaining bolt (3) and pin (4). Remove the shims .
6. Secure stick cylinder (5), as shown. Lower stick cylinder (5) onto the boom with suitable cribbing.
7. Install pin (4). Secure pin (4) by installing retaining bolt (3) and the nuts. Install a suitable sling and a suitable lifting device around pin (4) for removal purposes.

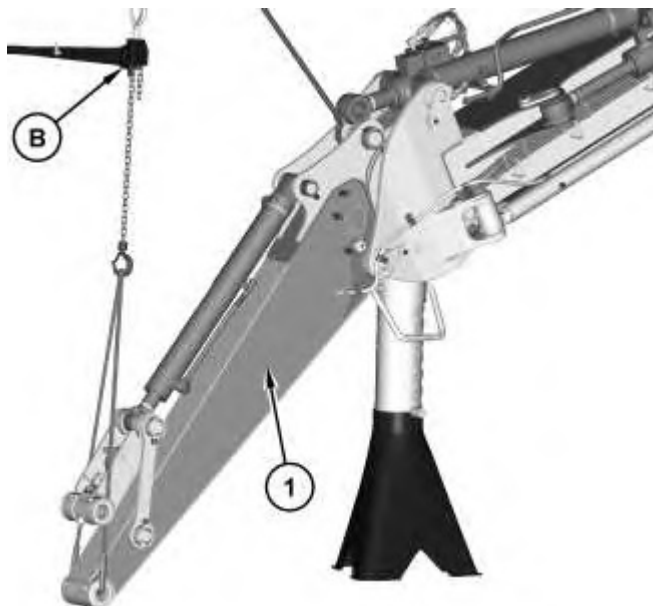


Illustration 4

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