

Product: MINI HYD EXCAVATOR

Model: 308E2CR MINI HYD EXCAVATOR MC5

Configuration: 308E2CR Mini Hydraulic Excavator MC500001-UP (MACHINE) POWERED BY C3.3B Engine

Disassembly and Assembly 308ECR and 308ESR Mini Hydraulic Excavators Machine Systems

Media Number -UENR3284-03

Publication Date -01/12/2017

Date Updated -05/12/2017

i07114054

Stick - Remove and Install

SMCS - 6502-010

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
	350-7768	Electric Hydraulic Pump Gp (230V)	

Start By:

- a. Remove the bucket.



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.

Note: Put identification marks on all hoses. Plug all hose assemblies. This action helps to prevent fluid loss, and this action helps to keep contaminants from entering the system.

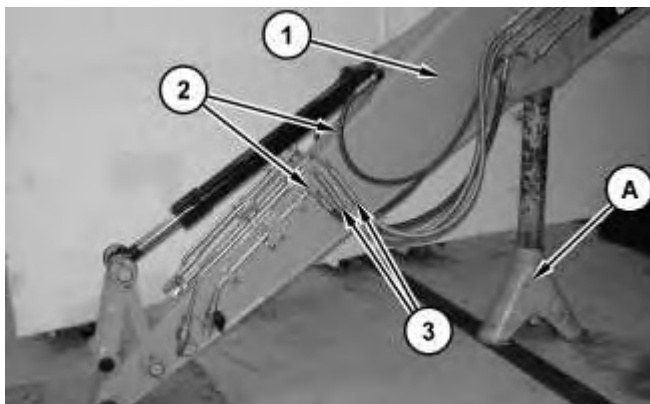


Illustration 1

g01518715

1. Lower the boom onto Tooling (A). Lower stick (1) to the ground, as shown.
2. Release the hydraulic system pressure. Refer to Disassembly and Assembly, "System Pressure - Release".

3. Disconnect hose assemblies (2) and (3) from both side of stick (1).

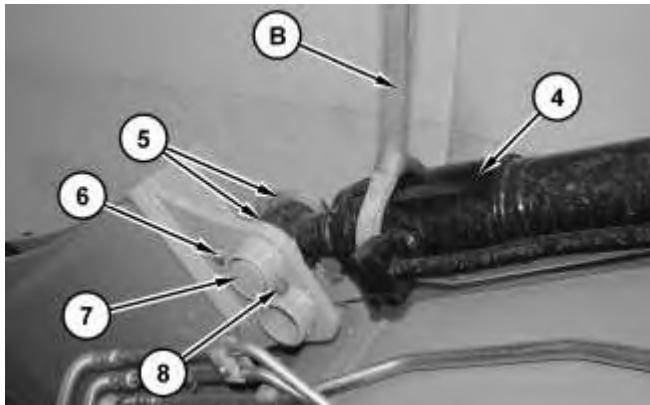


Illustration 2

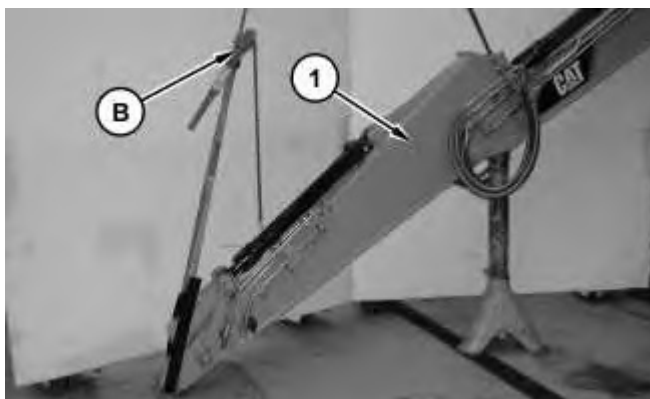
g01518720



Illustration 3

g01518732

4. Attach a suitable lifting device to the rod end of stick cylinder (4).
5. Remove retaining bolt (8), nuts (6), and pin (7). Remove shims (5).
6. Secure the cylinder rod, as shown. Lower stick cylinder (4) onto the boom with suitable cribbing.
7. Install pin (7) and secure pin (7) by installing retaining bolt (8) and hand tightening nuts (6). Install a suitable sling and a suitable lifting device around pin (7) for removal purposes.



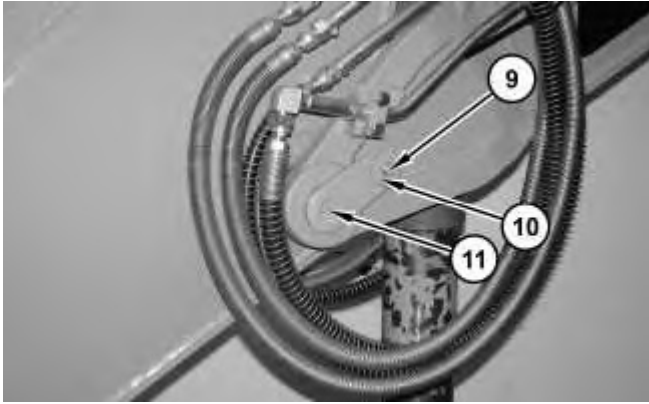


Illustration 5

8. Attach Tooling (B) and a suitable lifting device to stick (1).
9. Remove bolts (9) and remove washer (10). Remove pin (11) and the shims.
10. Remove stick (1). Use Tooling (B) and a suitable lifting device to lower stick (1) onto suitable blocking. The weight of stick (1) is approximately 345 kg (760 lb).

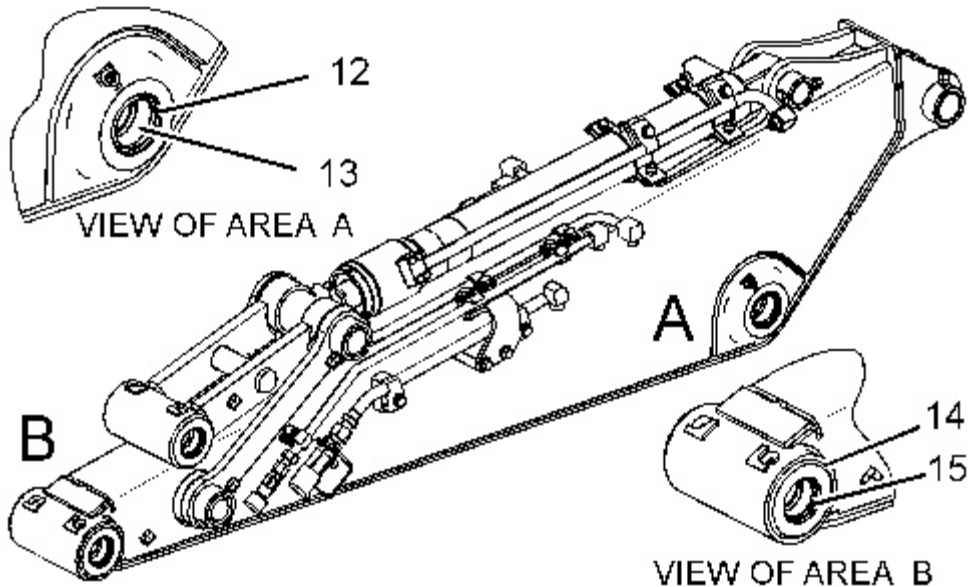


Illustration 6

11. Remove seals (12) and (14). Use Tooling (C) to remove bearings (13). Remove bearings (15).

Installation Procedure

Table 2

Required Tools

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com