



Service Repair Manual

Models

307B Mini Hydraulic
Excavator

Product: MINI HYD EXCAVATOR

Model: 307B MINI HYD EXCAVATOR 6KZ

Configuration: 307B TRACK-TYPE EXCAVATOR /SWING BOOM ARRANGEME/ 6KZ00001-UP (MACHINE) POWERED BY 4M40 ENGINE

Disassembly and Assembly 307B Excavator Machine Systems

Media Number -REN1091-03

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i01706756

Support (Swing Boom) - Remove

SMCS - 7051-S4

S/N - 6KZ1-UP

S/N - 7DZ1-UP

S/N - AFB1-UP

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A		Adjustable Work Bench	1
	8T-5255	Portable Hydraulic Jack	1

Start By:

- Remove the boom. Refer to Disassembly and Assembly, "Swing Boom - Remove".
 - Remove the boom cylinder. Refer to Disassembly and Assembly, "Boom Cylinder (Swing Boom) - Remove".
-

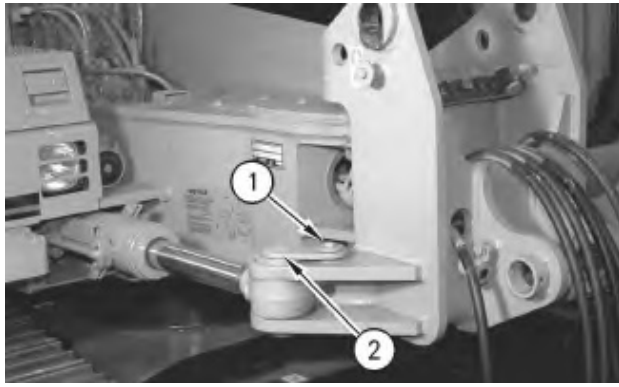


Illustration 1

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1. Remove bolt (1) and remove pin assembly (2).

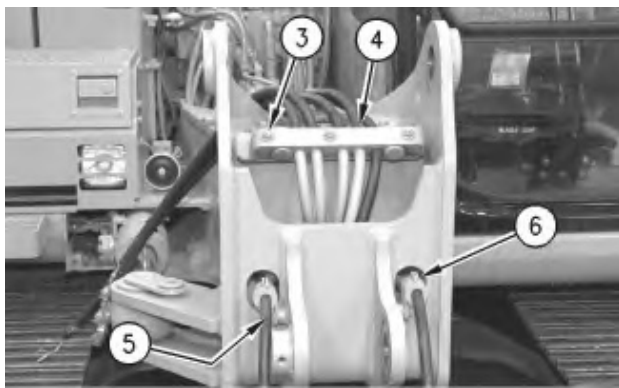


Illustration 2

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2. Remove nuts (3), clamp (4), and bolts (5). Remove two clamps (6).

Note: Carefully remove the hoses through the support while the support is being removed.

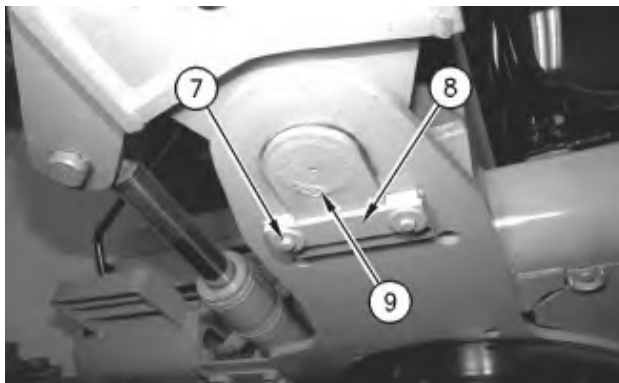


Illustration 3

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3. Remove bolts (7) and remove strap (8). Remove bottom pin assembly (9).

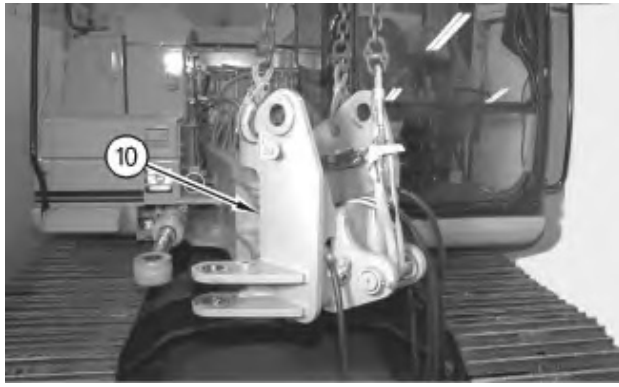


Illustration 4

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4. Attach a suitable lifting device to support assembly (10).

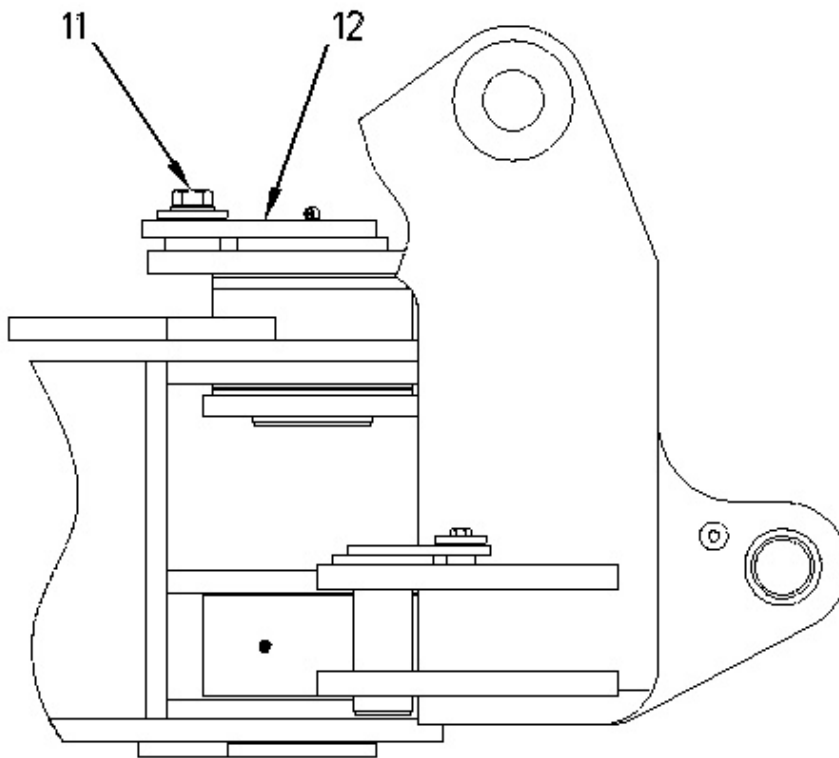


Illustration 5

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5. Remove retaining bolt (11) and the washer from pin assembly (12).

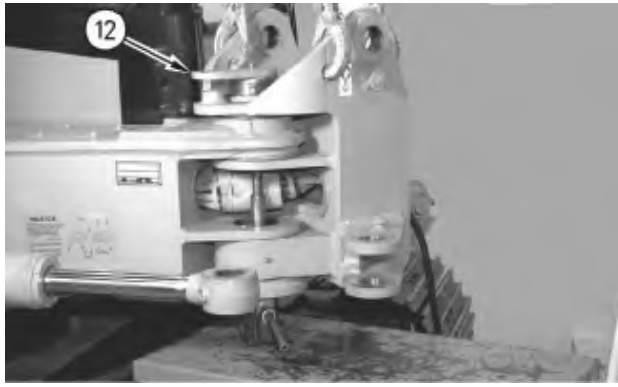


Illustration 6

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6. Use Tooling (A) and remove top pin assembly (12).

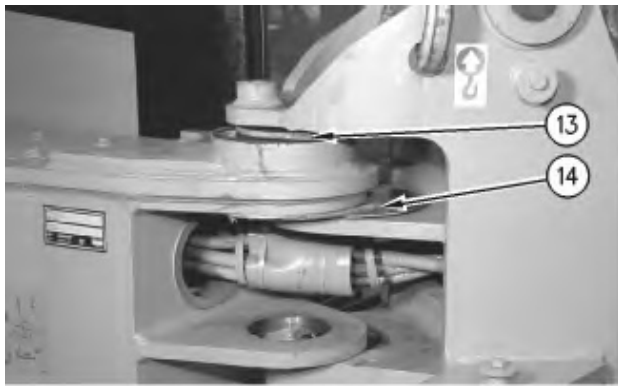


Illustration 7

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7. Remove spacer (13) and remove shims (14). Remove the support assembly. The weight of the support assembly is approximately 225 kg (500 lb).

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