



Service Repair Manual

Models

302 CR Mini
Hydraulic Excavator

Product: MINI HYD EXCAVATOR

Model: 302CR MINI HYD EXCAVATOR RHM

Configuration: 302 CR Mini Hydraulic Excavator RHM00001-UP (MACHINE) POWERED BY C1.1 Engine

Disassembly and Assembly

301.5,301.6,301.7,301.8,302 Mini Hydraulic Excavator Machine Systems

Media Number -M0092231-00

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i07362008

Blade Cylinder - Disassemble

SMCS - 7562-015-BG

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	152-4251	Cylinder Repair Bench	1
B	1P-2853	Spanner Wrench	1
C	280-2060	Offset Spanner Wrench	1
D	8H-8539	1 5/8" Socket	1
	5P-3588	Adapter	1

Start By:

- a. Remove blade cylinder.
-



Illustration 1

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Illustration 2

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1. Remove seals (1) from barrel end of blade cylinder (2). Remove seals (3) from rod end of blade cylinder (4).

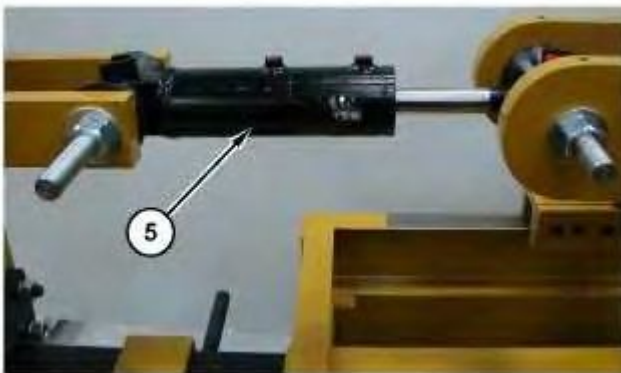


Illustration 3

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2. Mount blade cylinder (5) into Tooling (A).
-

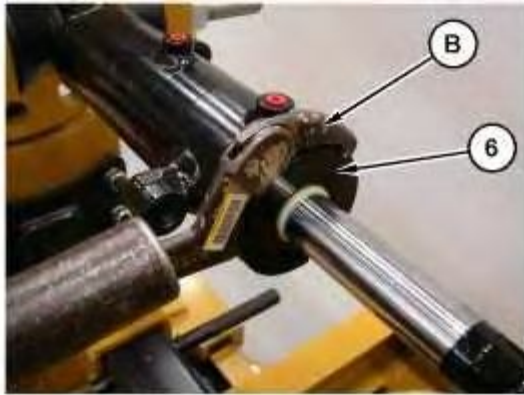


Illustration 4

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3. Use Tooling (B) to loosen cylinder nut (6).

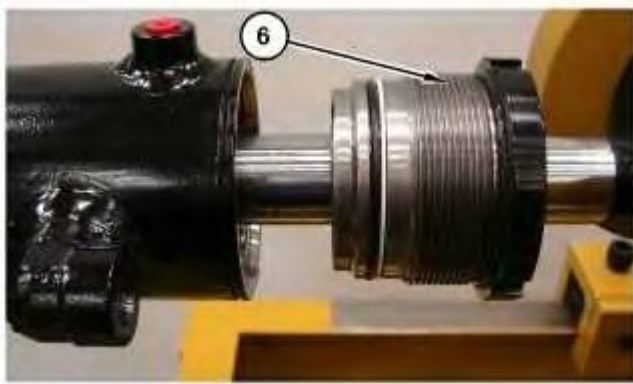


Illustration 5

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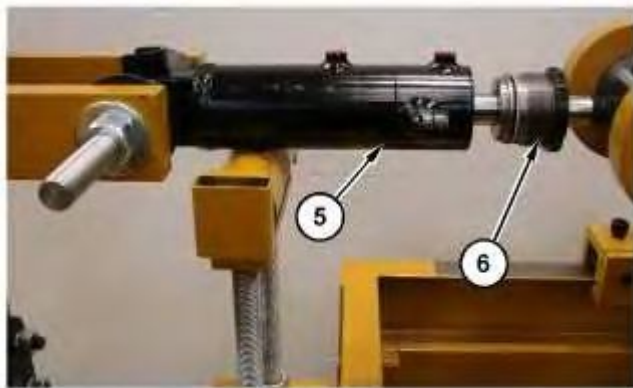


Illustration 6

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4. Remove cylinder nut (6) from the barrel. Place support under barrel end of cylinder (5).

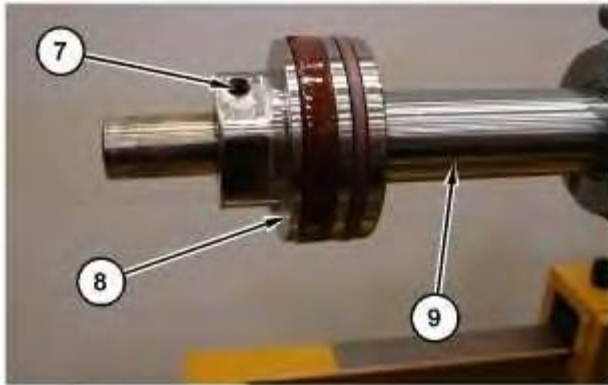


Illustration 7

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5. Back the cylinder bench out to remove rod end (9) from the cylinder barrel. Remove set screw and ball (7) from piston (8).

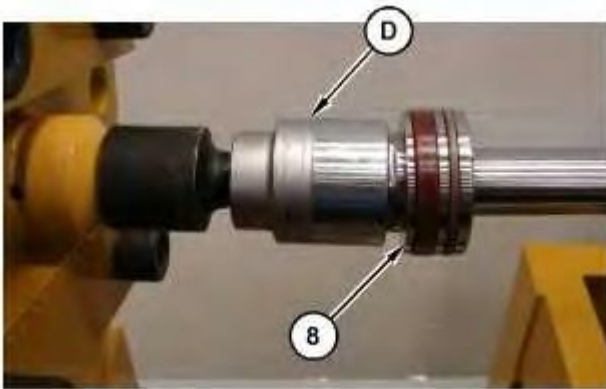


Illustration 8

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6. Use Tooling (D) to remove piston (8).

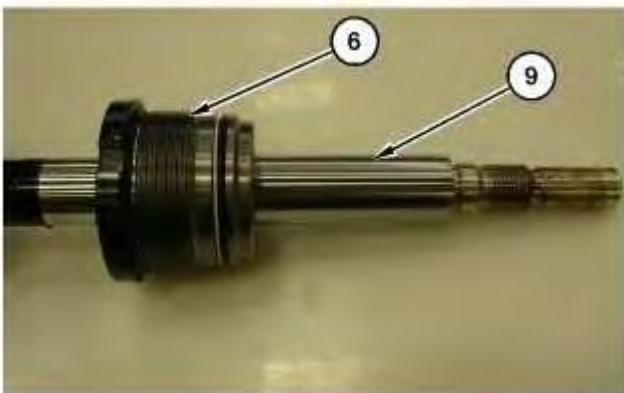


Illustration 9

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7. Remove cylinder nut (6) from rod end (9).

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