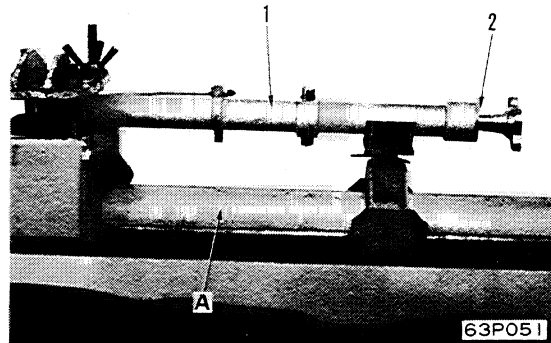


## DISASSEMBLY OF CYLINDER

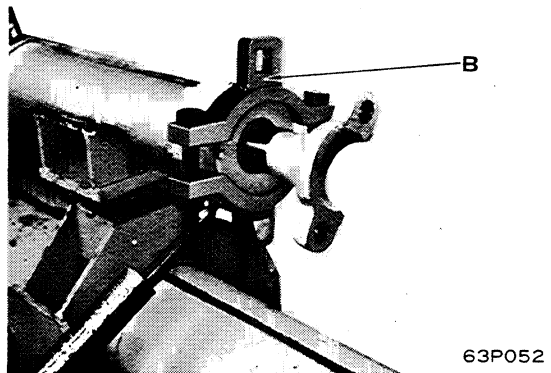
**Special tool**

Part number	Tool	A	B
790-502-1000	Cylinder repair stand	1	
791-722-1401	Wrench		1

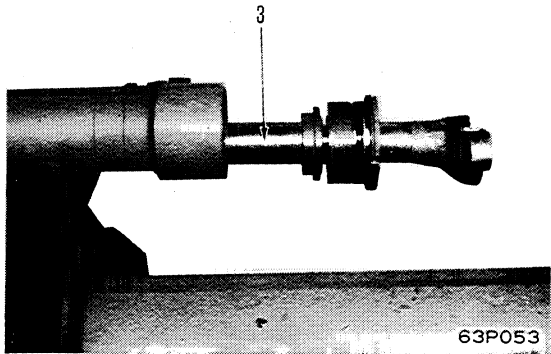
1. Set cylinder assembly (1) on tool A.



2. Remove lock from cylinder head (2) and loosen it with tool B.



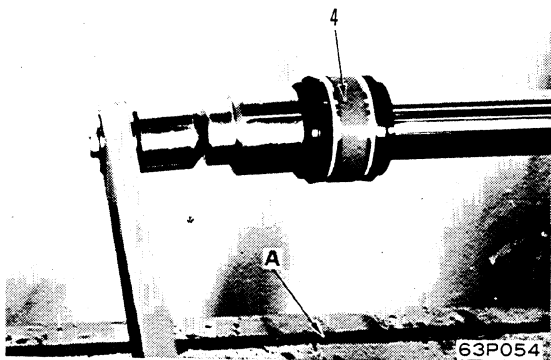
3. Pull out piston rod assembly (3).



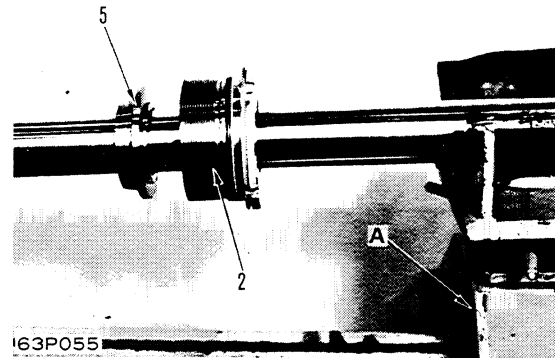
4. Set piston rod assembly on tool A.

5. Remove nut and remove piston assembly (4).

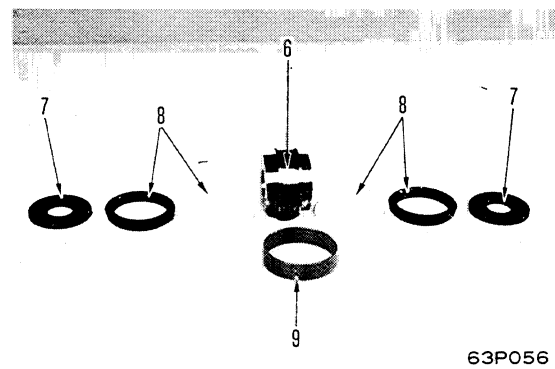
★ Nut width across flats: 46mm



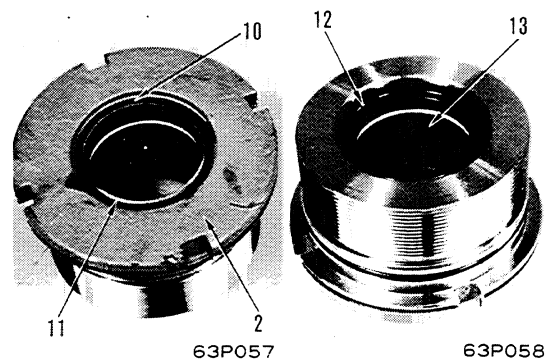
6. Remove retainer (5) and cylinder head assembly (2) from piston rod.



7. Disassembly of piston  
Remove L.H. and R.H. retainers (7), U-packings (8) and wear rings (9) from piston (6).



8. Disassembly of cylinder head  
Remove snap ring (10), dust seal (11), rod packing (12) and bushing (13) from cylinder head (2).

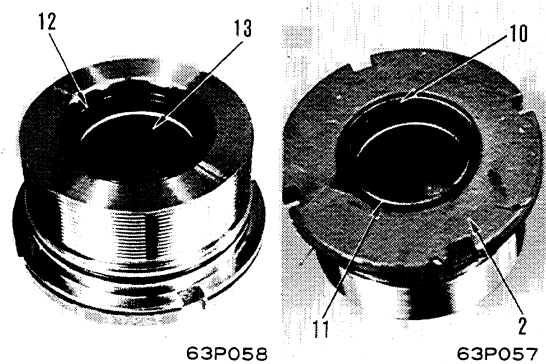


## ASSEMBLY OF CYLINDER

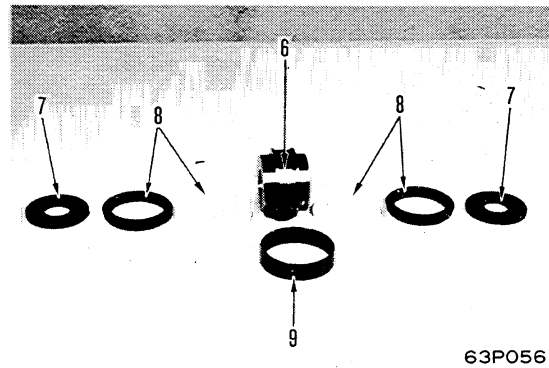
### Special tool

Part number	Tool	A	B
790-502-1000	Cylinder repair stand	1	
791-722-1401	Wrench		1

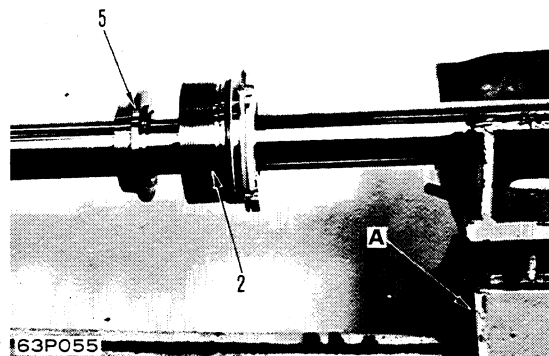
1. Assembly of cylinder head  
Install bushing (13), rod packing (12), dust seal (11) and snap ring (10) on cylinder head (2).




2. Assembly of piston rod  
Install wear rings (9), L.H. and R.H. U-packings (8) and retainer (7) on piston (6).

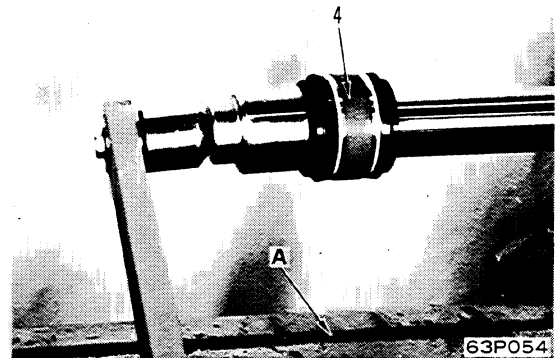


3. Set piston rod on tool A and install cylinder head assembly (2) and retainer (5).

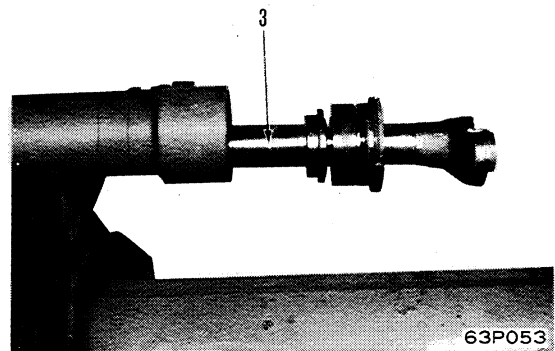


4. Install piston assembly (4) on piston rod and tighten nut.

 Piston nut:  $80 \pm 8$ kg.m



5. Push piston rod assembly (3) into cylinder.  
★ Apply engine oil to piston sliding part before installing.



6. Using tool B tighten cylinder head (2).  
7. Lock cylinder head.  
8. Remove cylinder assembly (1) from tool A.

