



Service Repair Manual

Models

D300E II Articulated Truck

Product: ARTICULATED TRUCK

Model: D300E II ARTICULATED TRUCK 5KS

Configuration: D300E Series II Articulated Truck 5KS00001-00617 (MACHINE) POWERED BY 3306 Engine

Disassembly and Assembly

D250E Series II and D300E Series II Articulated Trucks Machine Systems

Media Number -SEN9129-01

Publication Date -01/09/2004

Date Updated -21/09/2004

i07432494

Piston Pump (Steering) - Assemble

SMCS - 5070-016-ZH

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Group	1
B	1P-1854	Pliers	1
C	1P-1857	Pliers	1
D	-	Loctite LB 8632 Silicone Lubricant ⁽¹⁾	-
	-	Loctite LB 8104 Silicone Lubricant ⁽²⁾	-
	-	Loctite LB 8801 Silicone Lubricant ⁽³⁾	-
	-	Loctite LB Superlube ⁽⁴⁾	-

⁽¹⁾ North America

⁽²⁾ EAME

⁽³⁾ Asia Pacific Division

⁽⁴⁾ South America

1. Inspect all parts and clean all parts. If any parts are worn or damaged, use new Caterpillar parts for replacement.
-

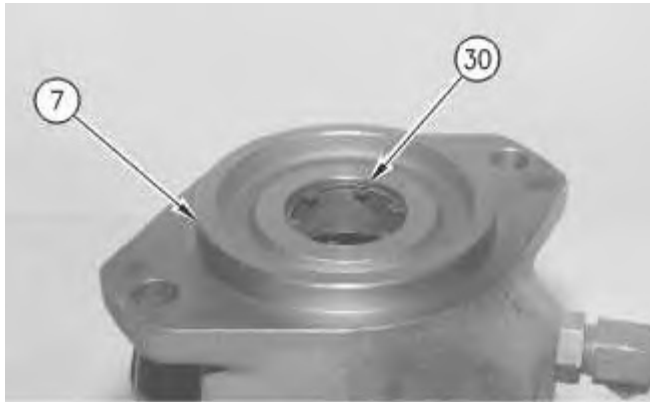


Illustration 1

g00521877

2. Use Tooling (C) to install retaining ring (30) to pump housing (7).

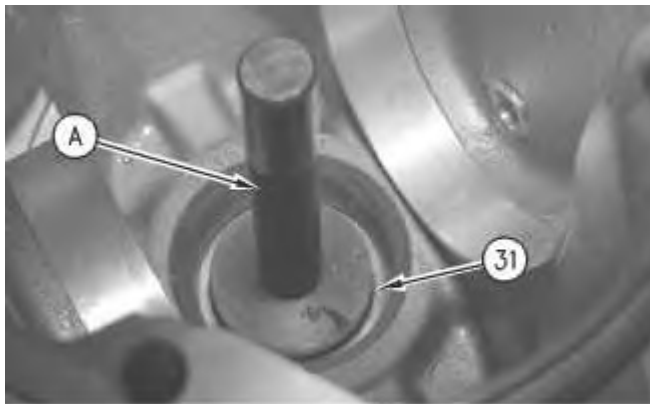


Illustration 2

g00521878

3. Use Tooling (A) to install lip seal (31) to the pump housing. The sealing lip of the lip seal should face toward the retaining ring. The lip seal must seat against the retaining ring.

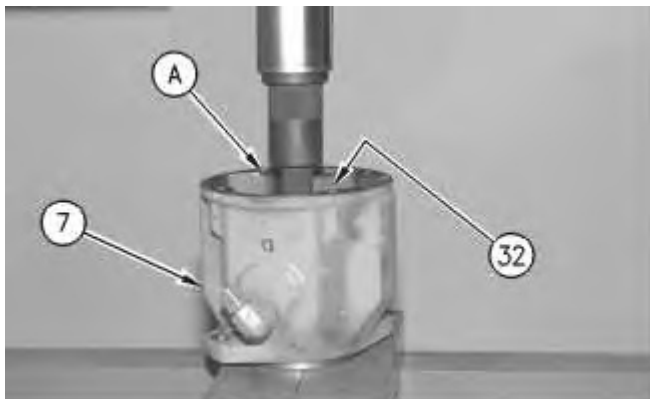


Illustration 3

g00521882

4. Lower the temperature of bearing cone (32). Use Tooling (A) to install bearing cone (32) to pump housing (7). Install bearing cone (32) until the bearing cone seats.



Illustration 4

g00521857

5. Install brass bearings (29) to pump housing (7).

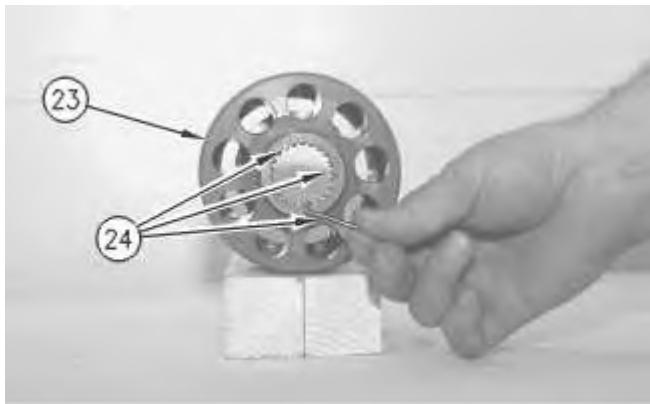


Illustration 5

g00521880

6. Install pins (24) to body (23).

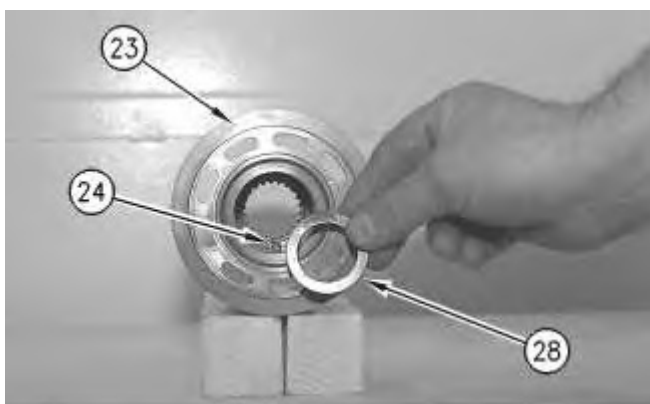


Illustration 6

g00521854

7. Install seat (28) to secure pins (24) in body (23).

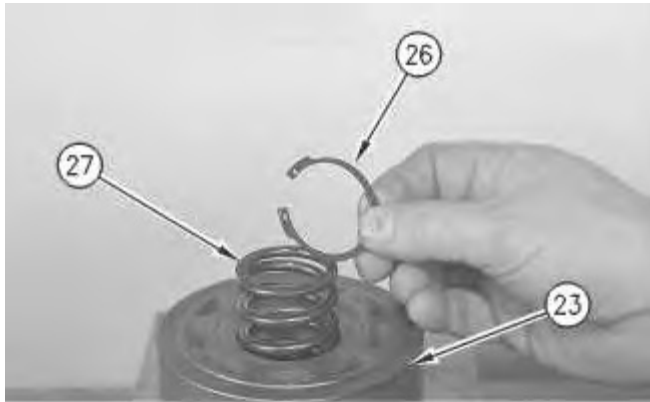


Illustration 7

g00521853

8. Position body (23) in a hydraulic press. Install spring (27) in body (23). Position retaining ring (26) on top of the spring.

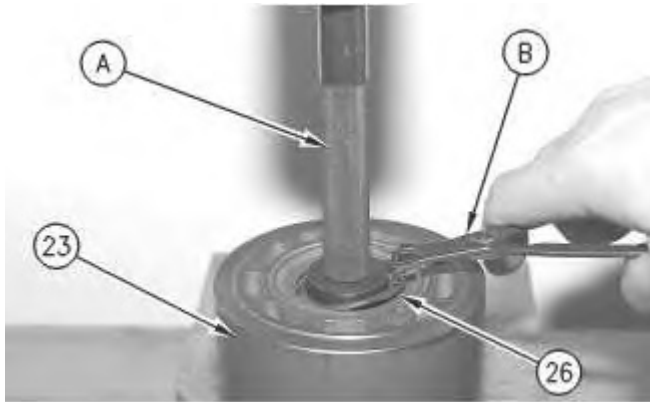


Illustration 8

g00521852

9. Position Tooling (A) and the hydraulic press on top of the spring and inside of retaining ring (26). Use Tooling (A) to depress the spring that is in body (23). Use Tooling (B) to install retaining ring (26) that secures the spring in body (23). Remove Tooling (A).

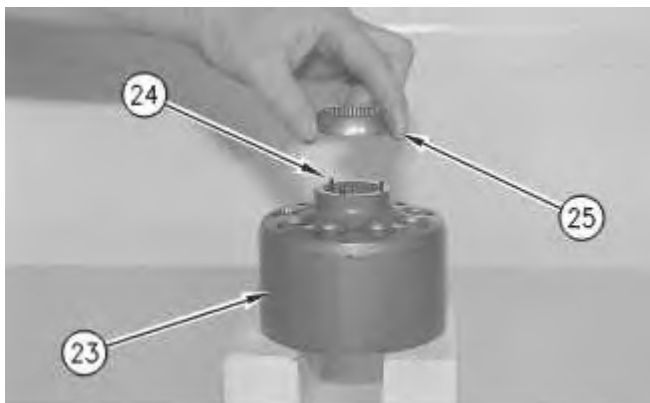


Illustration 9

g00521851

10. Install collar bearing (25) to pins (24) and body (23).

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