

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

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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.
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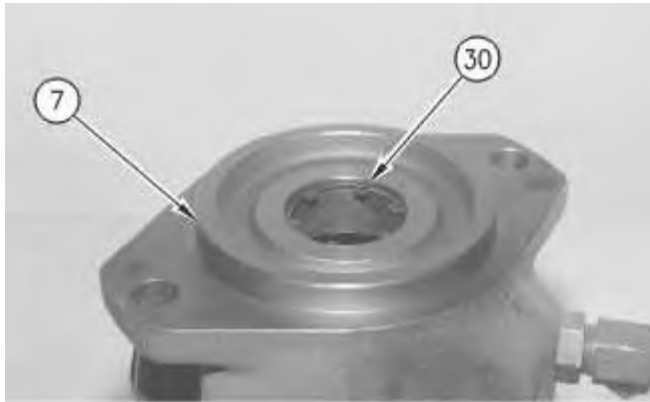


Illustration 1

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

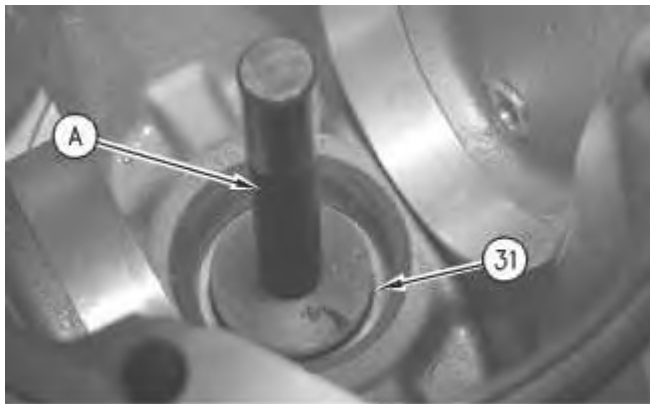


Illustration 2

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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.

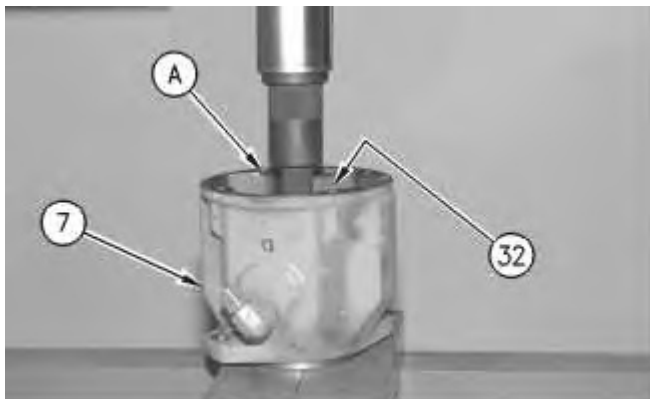


Illustration 3

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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

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

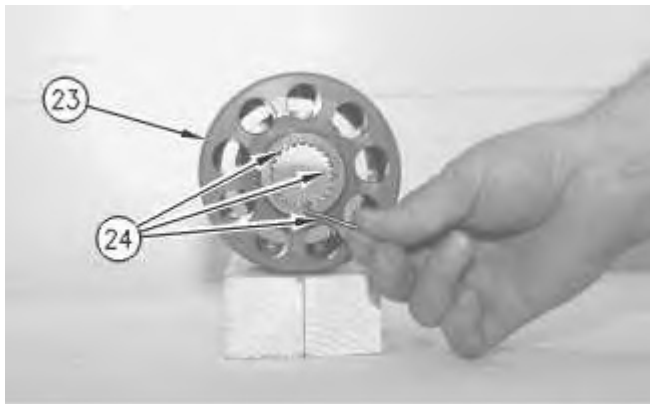


Illustration 5

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

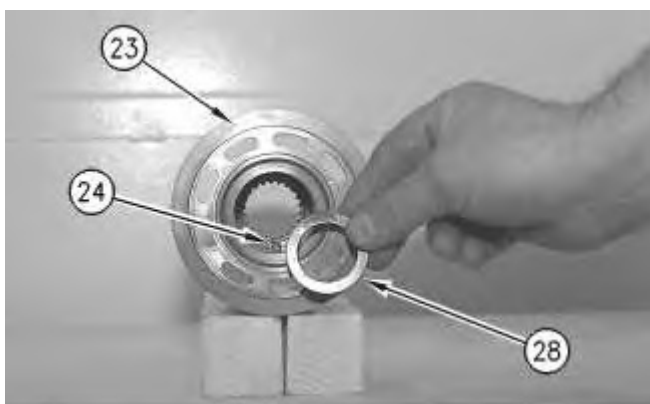


Illustration 6

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

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