

Product: ARTICULATED TRUCK

Model: 725C ARTICULATED TRUCK TFB

Configuration: 725C Articulated Truck TFB00001-UP (MACHINE) POWERED BY C9.3 Engine

Disassembly and Assembly

725C Articulated Truck

Machine Systems

Media Number -UENR2386-00

Publication Date -01/10/2014

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i05878737

Piston Pump (Brake, Fan, Hoist) - Assemble

SMCS - 5070-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1857	Retaining Ring Pliers	1
B	1P-1858	Retaining Ring Pliers	1
C	1P-0510	Driver Group	1
D	8T-5096	Dial Indicator Gp	1
E	9S-3263	Thread Lock Compound	1

Note: Apply a light film of 10W oil to all components before assembly.

1. Check all of the O-ring seals and the components for wear or damage. Replace the components, if necessary.
 2. Lubricate all of the O-ring seals lightly with the lubricant that is being sealed.
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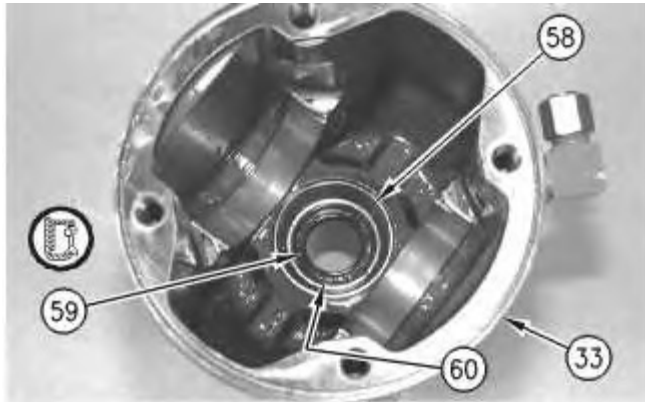


Illustration 1

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3. Position the gap in ring (60) over the weep hole. Use Tooling (A) to install ring (60) into pump housing (33) .
4. Install roller bearing cup (58) into pump housing (33) .
5. Install shaft seal (59) into pump housing (33). Install lip seal (59) .
6. Invert pump housing (33) .

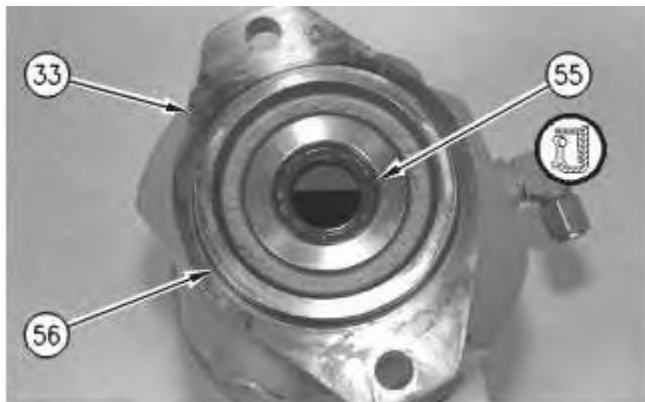


Illustration 2

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7. Install shaft seal (55) into pump housing (33). Install lip seal (55) .
8. Install O-ring seal (56) onto pump housing (33).
9. Invert pump housing (33) and support the pump housing on suitable cribbing.

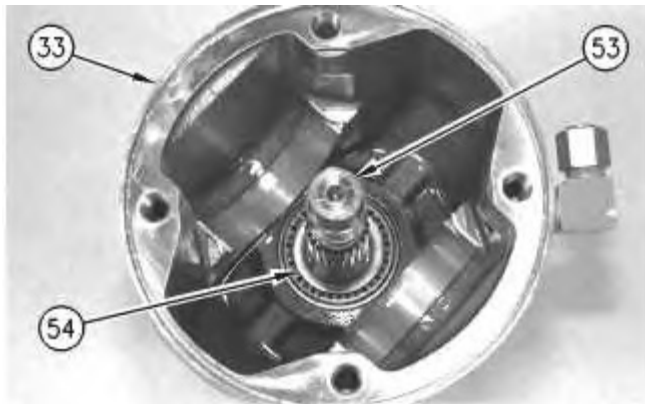


Illustration 3

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10. Install bearing cone (54) onto pump shaft (53). Install roller bearing cone (54) and pump shaft (53) into pump housing (33) .
11. Use the following steps to determine the preload on the bearing of the pump assembly.



Illustration 4

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- a. Install adjustment spacer (48) and roller bearing cone (42) on pump shaft (53) .

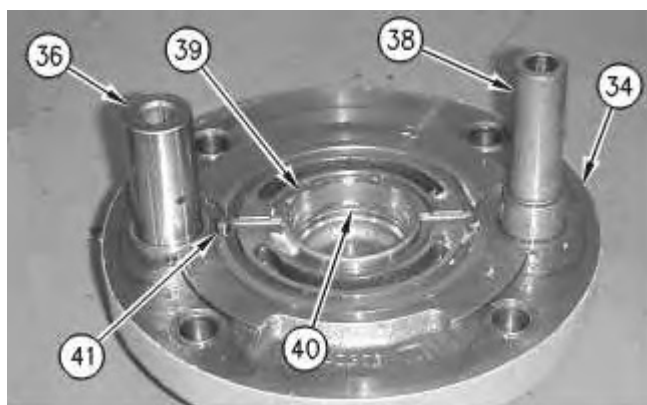


Illustration 5

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