



Service Repair Manual

Models

745 Articulated Truck

Product: ARTICULATED TRUCK

Model: 745 ARTICULATED TRUCK 3F6

Configuration: 745 Articulated Truck 3F600001-UP (MACHINE) POWERED BY C18 Engine

Disassembly and Assembly

740 GC, 740 Ejector, 745 Articulated Truck Machine System

Media Number -M0082510-04

Publication Date -01/09/2015

Date Updated -23/08/2018

i06248004

Gear Pump (Hydraulic Fan) - Assemble

SMCS - 1387-016-GT; 5073-016-HFN

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1857	Retaining Ring Pliers	1
B	1P-0510	Driver Gp	1

1. On assembly, lubricate all internal components with the lubricant that is being sealed.

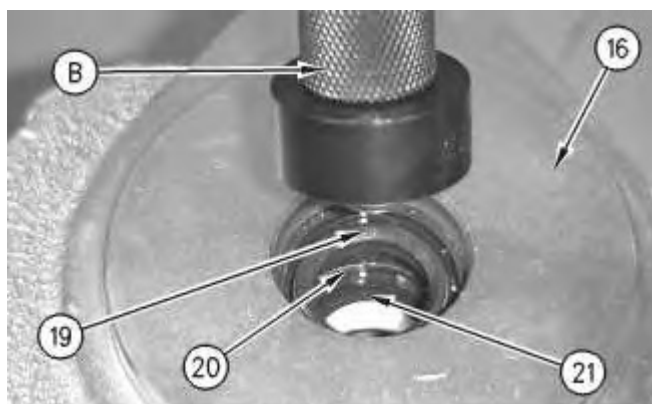


Illustration 1

g00802426

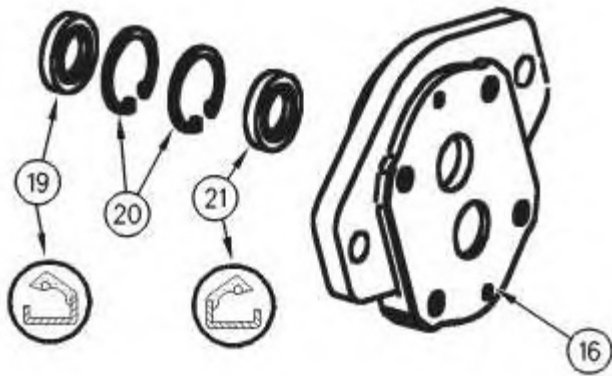


Illustration 2

g00802435

2. Use tool (B) to install lip seal (21) with the lip of the seal toward flange (16). Use tool (A) to install two retaining rings (20) into the ring grooves in flange (16). Use tool (B) to install lip seal (19) with the lip of the seal away from flange (16).

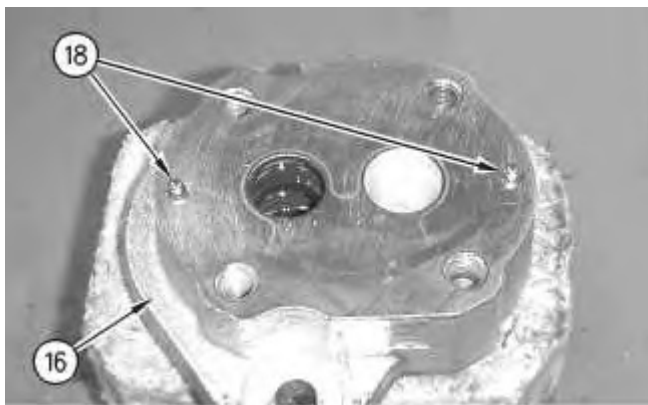


Illustration 3

g00802465

3. Install two dowels (18) into flange (16).

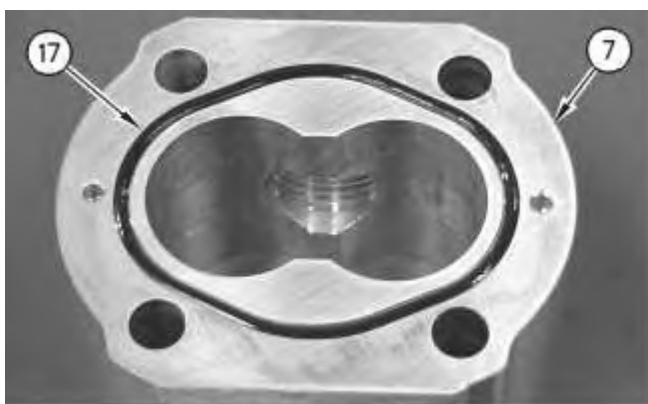


Illustration 4

g00802357

4. Install seal (17) into housing (7).



Illustration 5

g00802352

5. Align housing (7) with the dowel in flange (16) and position the housing on the flange.

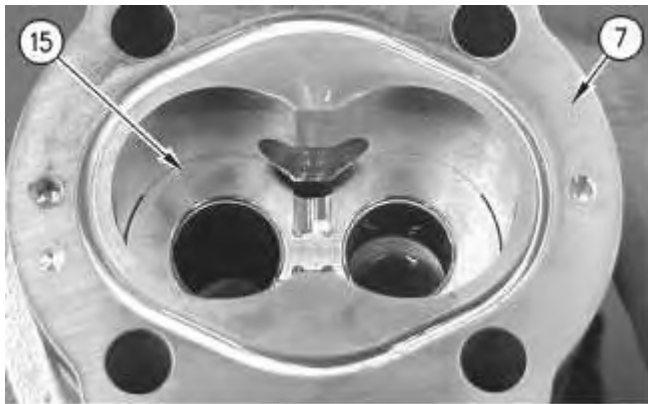


Illustration 6

g00802350

6. Install pressure plate (15) into housing (7). Refer to step 8 for the installation of the seals.

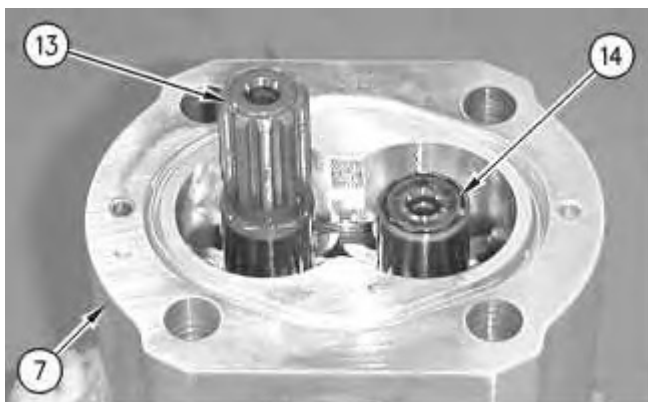


Illustration 7

g00802349

7. Install idler gear (14) and gear shaft (13) into housing (7).

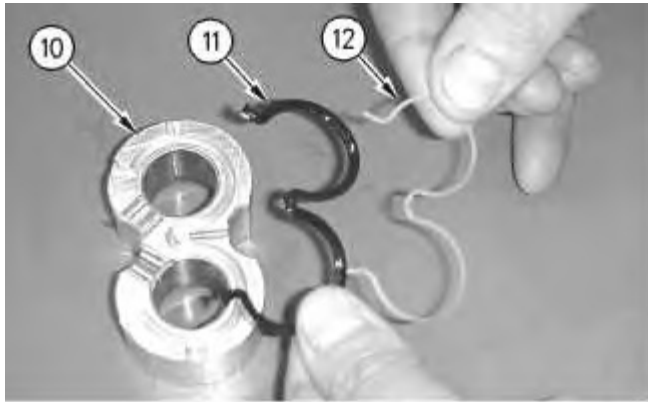


Illustration 8

g00802136

8. Install seal (11) and backup seal (12) into pressure plate (10).

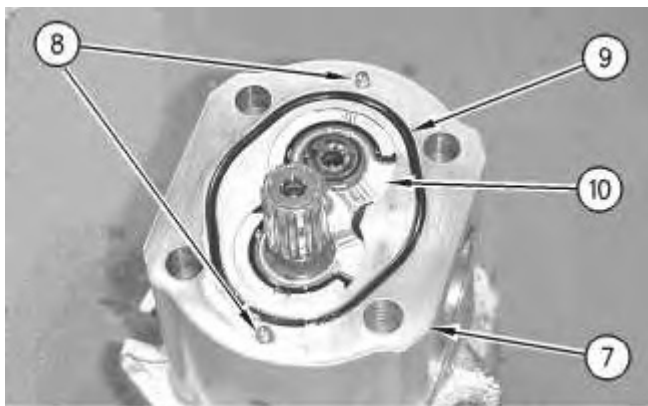


Illustration 9

g00802103

9. Carefully install pressure plate (10) onto housing (7). Install seal (9) and two dowels (8).

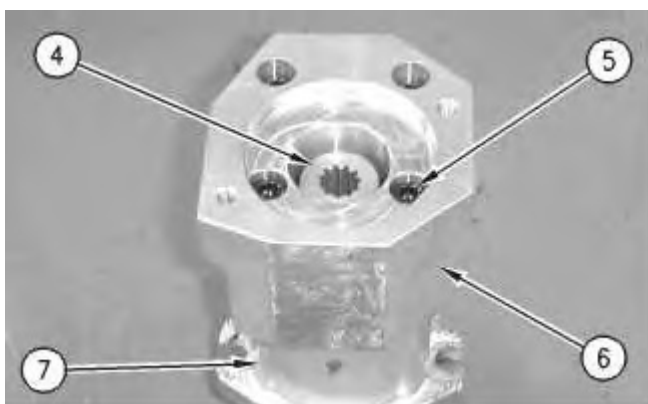


Illustration 10

g00802102

10. Align plate (6) with the two dowels in housing (7) and install four bolts (5). Tighten the bolts to a torque of 44.5 ± 3.5 N·m (33 ± 2.5 lb ft). Install adapter (4).

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