



# Service Repair Manual

## **Models**

# 740 Articulated Truck

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Product: ARTICULATED TRUCK

Model: 740 ARTICULATED TRUCK B1P

Configuration: 740 Articulated Truck B1P00001-UP (MACHINE) POWERED BY C15 Engine

## Disassembly and Assembly

### 735, 740 and 740 EJECTOR Articulated Trucks Engine Supplement

Media Number -REN5137-05

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i01543729

## Gear Pump (Aftercooler) - Disassemble

SMCS - 5073-015

### Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1857	Retaining Ring Pliers	1

#### Start By:

- A. Remove the gear pump (Aftercooler). Refer to Disassembly and Assembly, "Gear Pump (Aftercooler) - Remove".

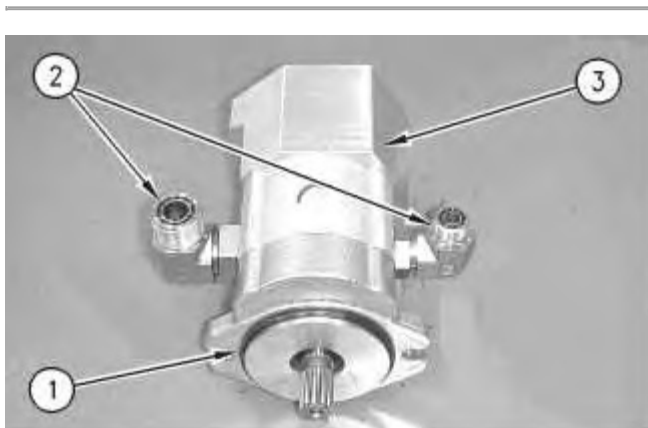


Illustration 1

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1. Remove O-ring seal (1) and two elbows (2) from gear pump (3) .

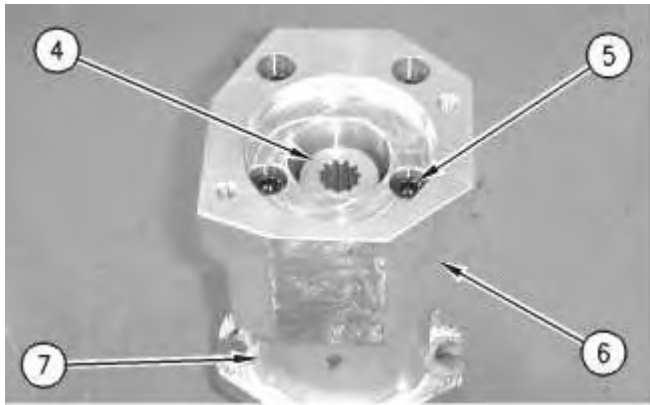


Illustration 2

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2. Place the gear pump on suitable cribbing and remove adapter (4). Remove four bolts (5) in order to remove plate (6) from housing (7) .

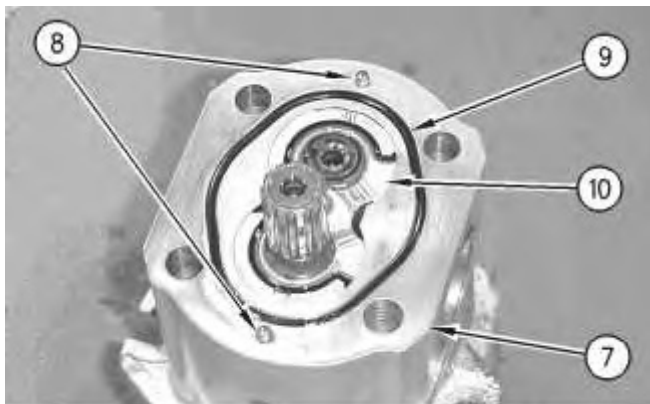


Illustration 3

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3. Remove two dowels (8), seal (9) and pressure plate (10) from housing (7) .



4. Remove seal (11) and backup seal (12) from pressure plate (10) .

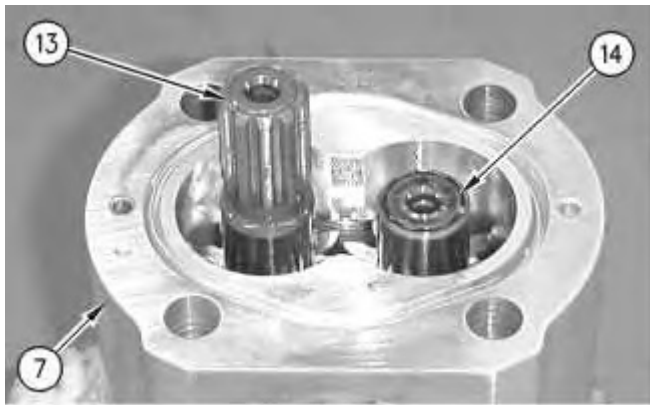


Illustration 5

5. Remove gear shaft (13) and idler gear (14) from housing (7) .

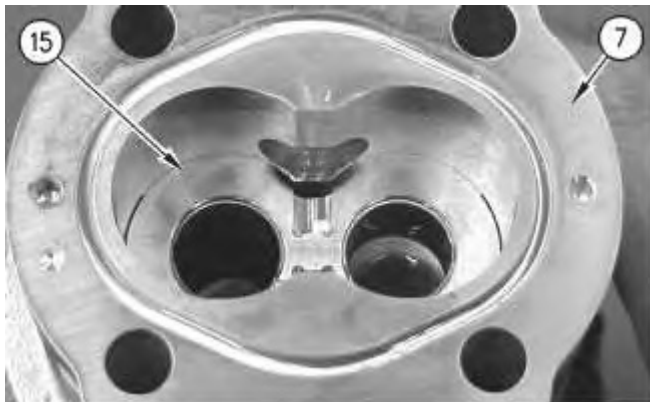


Illustration 6

6. Remove pressure plate (15) from housing (7). Refer to step 4 in order to remove the seals.
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Illustration 7

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7. Remove housing (7) from flange (16) .

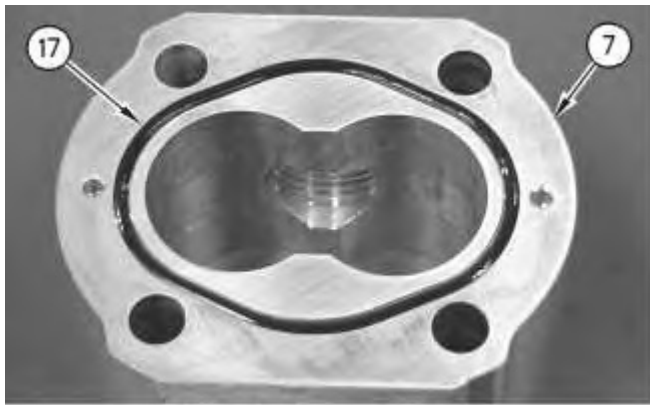


Illustration 8

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8. Remove seal (17) from housing (7) .

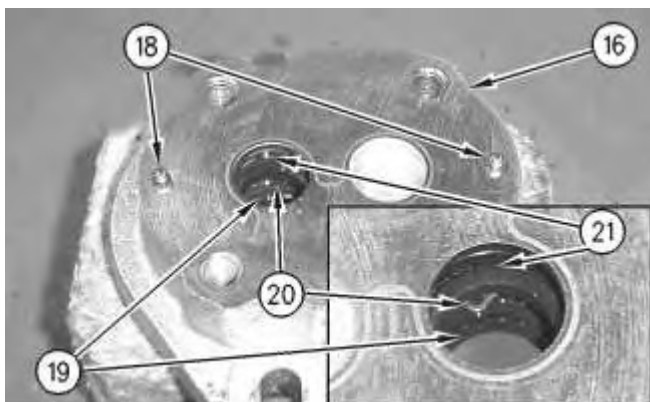


Illustration 9

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