



# Service Repair Manual

## **Models**

# 740 Articulated Truck

---

Product: ARTICULATED TRUCK

Model: 740 ARTICULATED TRUCK AXM

Configuration: 740 Articulated Truck AXM00001-UP (MACHINE) POWERED BY 3406E Engine

## Disassembly and Assembly

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

Media Number -REN5137-05

Publication Date -01/09/2014

Date Updated -19/09/2014

i01537750

## Gear Pump (Aftercooler) - Remove

SMCS - 5073-011

### Removal Procedure

#### Start By:

- A. Remove the fuel transfer pump. Refer to Disassembly and Assembly, "Fuel Transfer Pump - Remove and Install".



**Personal injury can result from hydraulic oil pressure and hot oil.**

**Hydraulic oil pressure can remain in the hydraulic system after the engine has been stopped. Serious injury can be caused if this pressure is not released before any service is done on the hydraulic system.**

**Make sure all of the attachments have been lowered, oil is cool before removing any components or lines. Remove the oil filler cap only when the engine is stopped, and the filler cap is cool enough to touch with your bare hand.**

---

#### NOTICE

**Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.**

**Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.**

**Dispose of all fluids according to local regulations and mandates.**

---

1. Put identification marks on all lines and all hoses for installation purposes. Plug all lines and all hoses. This will prevent fluid loss and contamination of the hydraulic system.

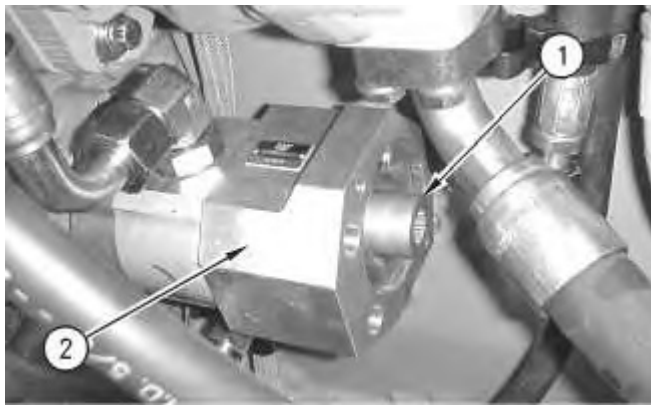


Illustration 1

g00798601

2. Remove coupling (1) from gear pump (2) .

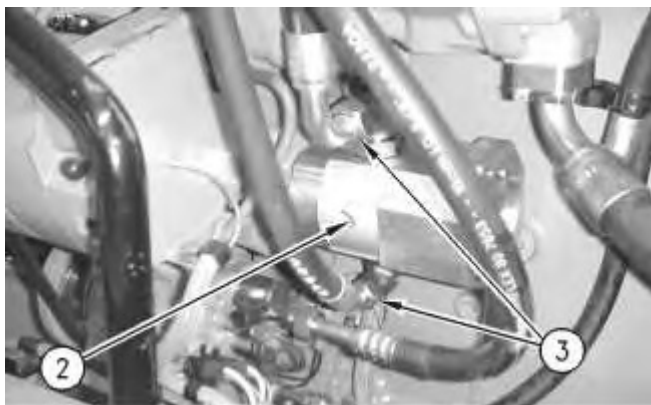


Illustration 2

g00798713

3. Disconnect two hoses (3) from gear pump (2) and lay the hoses aside.
-

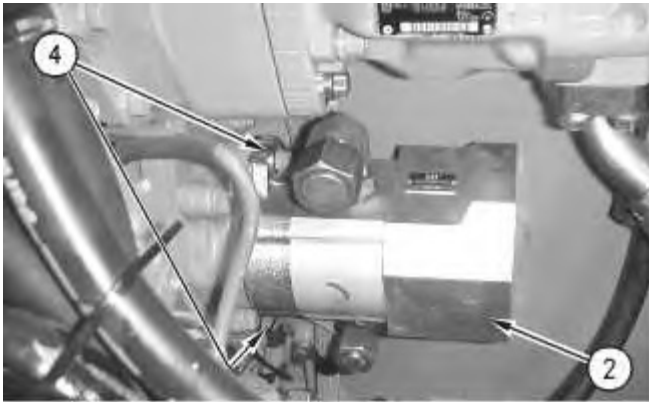


Illustration 3

g00798723

4. Remove two bolts (4) and the washers in order to remove gear pump (2) from the machine.

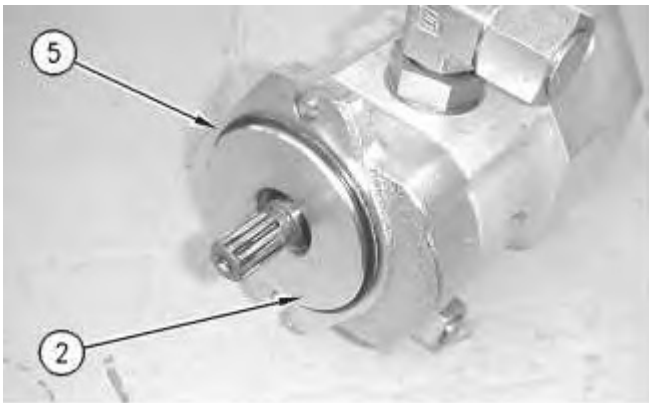


Illustration 4

g00798729

5. Remove O-ring seal (5) from gear pump (2) .

Product: ARTICULATED TRUCK

Model: 740 ARTICULATED TRUCK AXM

Configuration: 740 Articulated Truck AXM00001-UP (MACHINE) POWERED BY 3406E Engine

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

Media Number -REN5137-05

Publication Date -01/09/2014

Date Updated -19/09/2014

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".

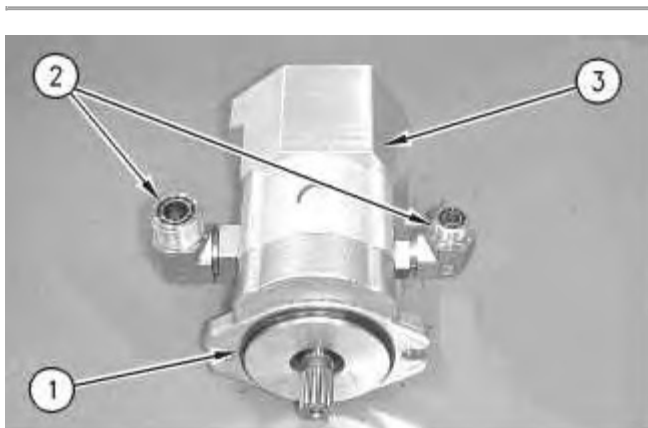


Illustration 1

g00802101

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

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](mailto:ebooklibonline@outlook.com)