



Service Repair Manual

Models

740B Articulated Truck

Product: ARTICULATED TRUCK

Model: 740B ARTICULATED TRUCK L4E

Configuration: 740B Articulated Truck L4E00001-UP (MACHINE) POWERED BY C15 Engine

Disassembly and Assembly C15 and C18 Engines for Caterpillar Built Machines

Media Number -REN8261-28

Publication Date -01/08/2015

Date Updated -28/08/2018

i02211115

Cylinder Head - Remove

SMCS - 1100-011

Removal Procedure

Start By:

- a. Remove the camshaft gear. Refer to Disassembly and Assembly, "Camshaft Gear - Remove and Install".
- b. Remove the electronic unit injectors. Refer to Disassembly and Assembly, "Electronic Unit Injector - Remove".
- c. Remove the valve mechanism cover base. Refer to Disassembly and Assembly, "Valve Mechanism Cover Base - Remove and Install".
- d. Remove the turbochargers. Refer to Disassembly and Assembly, "Turbocharger - Remove".

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, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.

Dispose of all fluids according to local regulations and mandates.

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

NOTICE

Do not turn the crankshaft or the camshaft while the camshaft gear is removed. If the front gear group is not correctly timed during installation, interference can occur between the pistons and the valves, resulting in damage to the engine.

1. Drain the cooling system. Refer to Operation and Maintenance Manual, "Cooling System Coolant - Change".
-

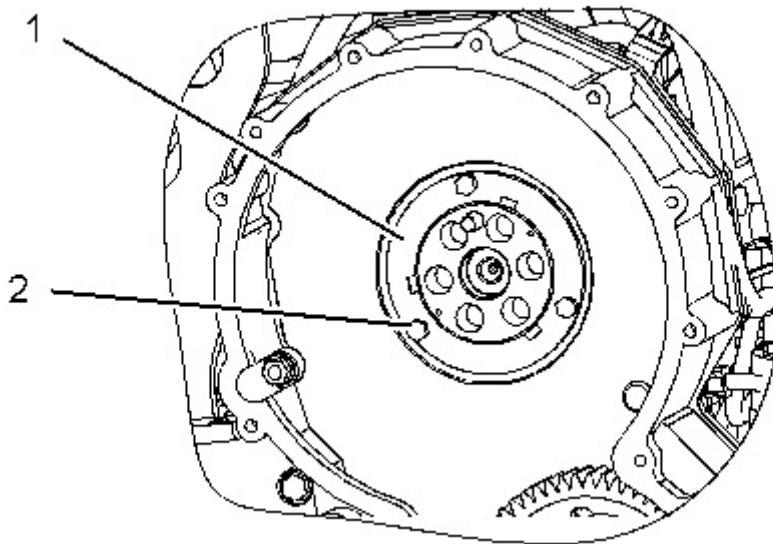


Illustration 1

g01056681

2. Remove bolts (2) and thrust plate (1).
-

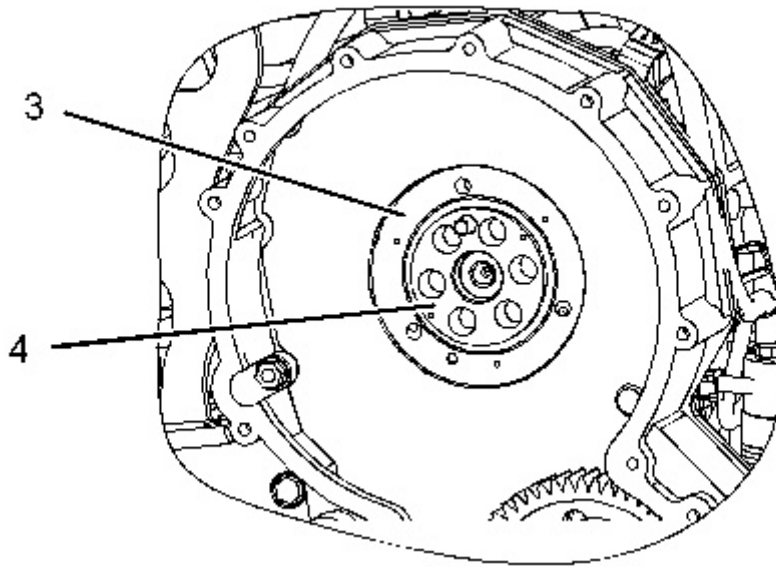


Illustration 2

g01116390

3. Remove sealing plate (3) and adapter assembly (4).
-

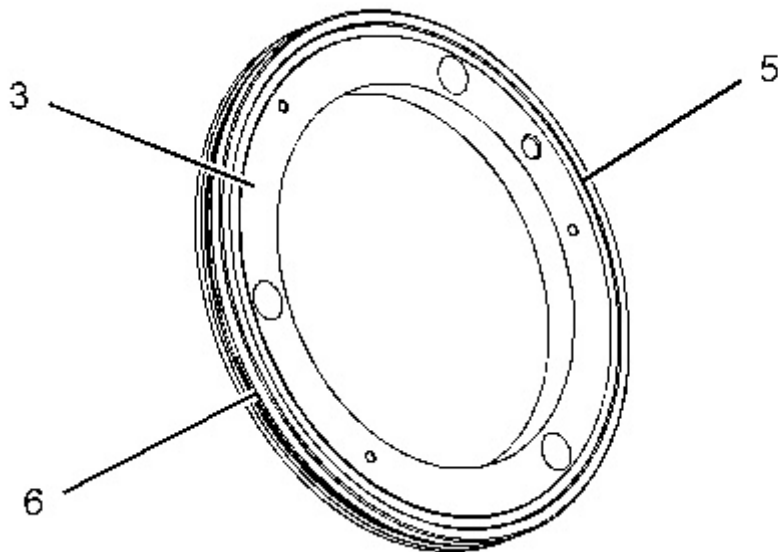


Illustration 3

g01056684

4. Remove O-ring seal (5) and O-ring seal (6) from sealing plate (3).
-

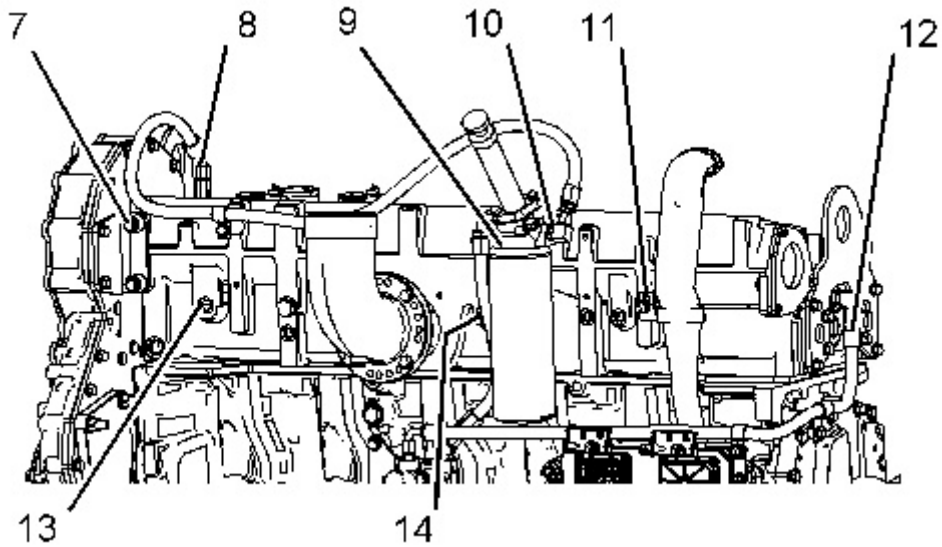


Illustration 4

g01117768

5. Disconnect hose assembly (8).
 6. Disconnect hose assembly (12).
 7. Remove bolts (10). Position fuel filter base (9) out of the way.
 8. Remove bolt (11) and the breather tube from the cylinder head.
 9. Remove bolts (7) and remove the bracket from the cylinder head.
 10. Disconnect boost pressure sensor (13).
 11. Disconnect inlet air temperature sensor (14).
-

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