



Service Repair Manual

Models

735 ARTICULATED TRUCK

Product: ARTICULATED TRUCK

Model: 735 ARTICULATED TRUCK 3T5

Configuration: 735 Articulated Truck 3T500001-UP (MACHINE) POWERED BY C13 Engine

Disassembly and Assembly C13 Engine for Caterpillar Built Machines

Media Number -UENR0131-06

Publication Date -01/05/2015

Date Updated -27/06/2018

i05351533

Flywheel Housing - Remove and Install

SMCS - 1157-010

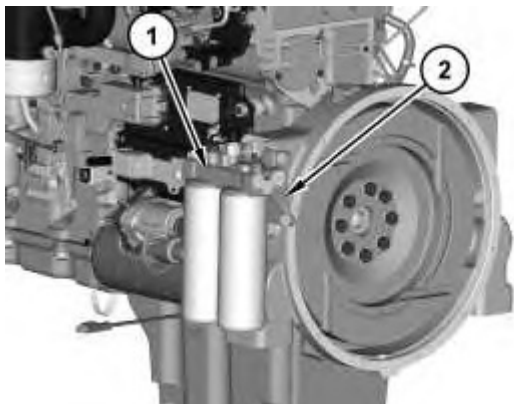
Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7574	Link Brackets	2
B	8C-8422	Sealant	-

Start By:

- A. Remove the flywheel.
- B. Remove the crankshaft rear seal.



1. If necessary, remove fuel filter base (1) and reposition fuel filter base (1). Remove bracket (2) .

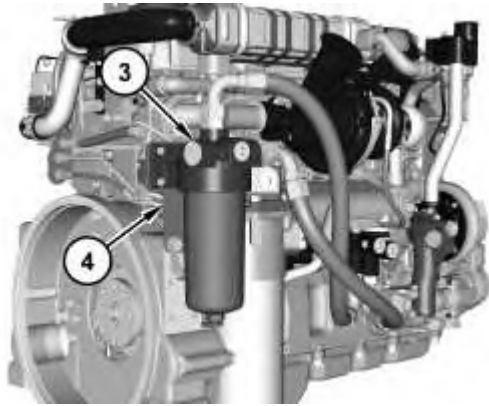


Illustration 2

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2. If necessary, remove oil filter base (3) and reposition oil filter base (3). Remove bracket (4) .

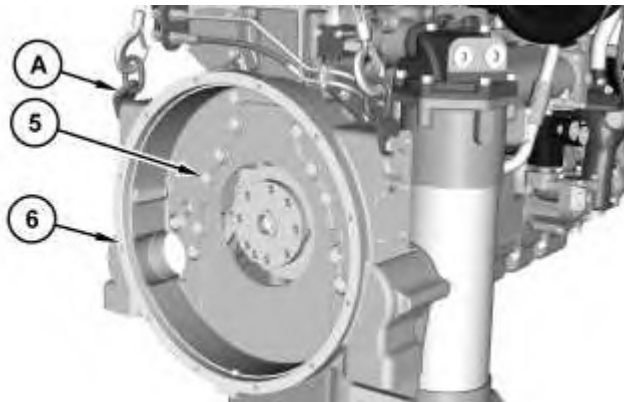


Illustration 3

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3. Install Tooling (A) and a suitable lifting device to flywheel housing (6). The weight of flywheel housing (6) is approximately 64 kg (140 lb). Remove bolts (5) and flywheel housing (6) .

Installation Procedure

1. Install flywheel housing (6) in the reverse order of removal.
 - a. Apply Tooling (B) to the backside of flywheel housing (6). Install within 10 minutes of application.

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i03542628

Vibration Damper and Pulley - Remove and Install

SMCS - 1205-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	8T-0514	Guide Stud	1

1. Remove the belt. Refer to Operation and Maintenance Manual, "Belt - Inspect/Adjust/Replace".

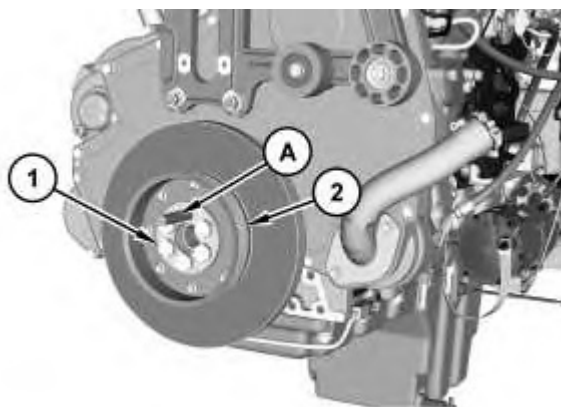


Illustration 1

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2. Remove one of bolts (1). Install Tooling (A). Remove remaining bolts (1) and pulley assembly (2).

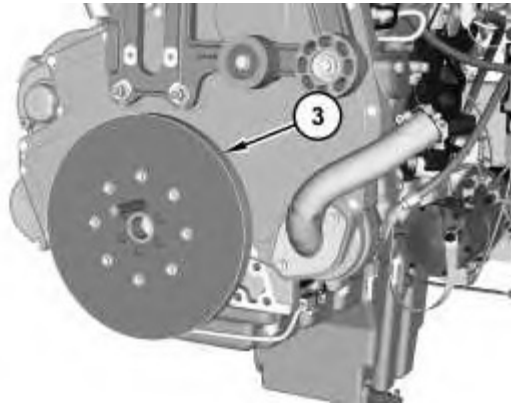


Illustration 2

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3. Remove vibration damper (3).

Installation Procedure

1. Install vibration damper (3) and pulley assembly (2) in reverse order of removal.

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