



Service Repair Manual

Models

740B Ejector Articulated Truck

Product: EJECTOR TRUCK

Model: 740B EJECTOR TRUCK L4F

Configuration: 740B Ejector Articulated Truck L4F00001-UP (MACHINE) POWERED BY C15 Engine

Disassembly and Assembly C15 and C18 Engines for Caterpillar Built Machines

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i05025929

Flywheel Housing - Remove and Install - Equipped with Rear Power Take-Off

SMCS - 1157-010

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7574	Link Bracket	2

Start By:

- Remove the crankshaft rear seal. Refer to Disassembly and Assembly, "Crankshaft Rear Seal - Remove".
- Remove the electric starting motor. Refer to Disassembly and Assembly, "Electric Starting Motor - Remove".
- Remove the rear power take-off (RPTO). Refer to Disassembly and Assembly, "Rear Power Take-Off (RPTO) - Remove".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

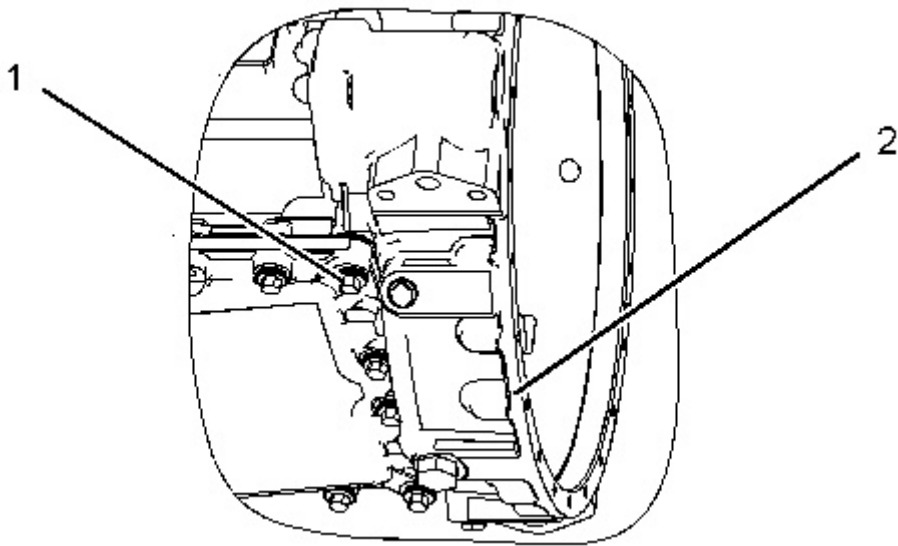


Illustration 1

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1. Remove bolts (1) that fasten the engine oil pan to flywheel housing (2).

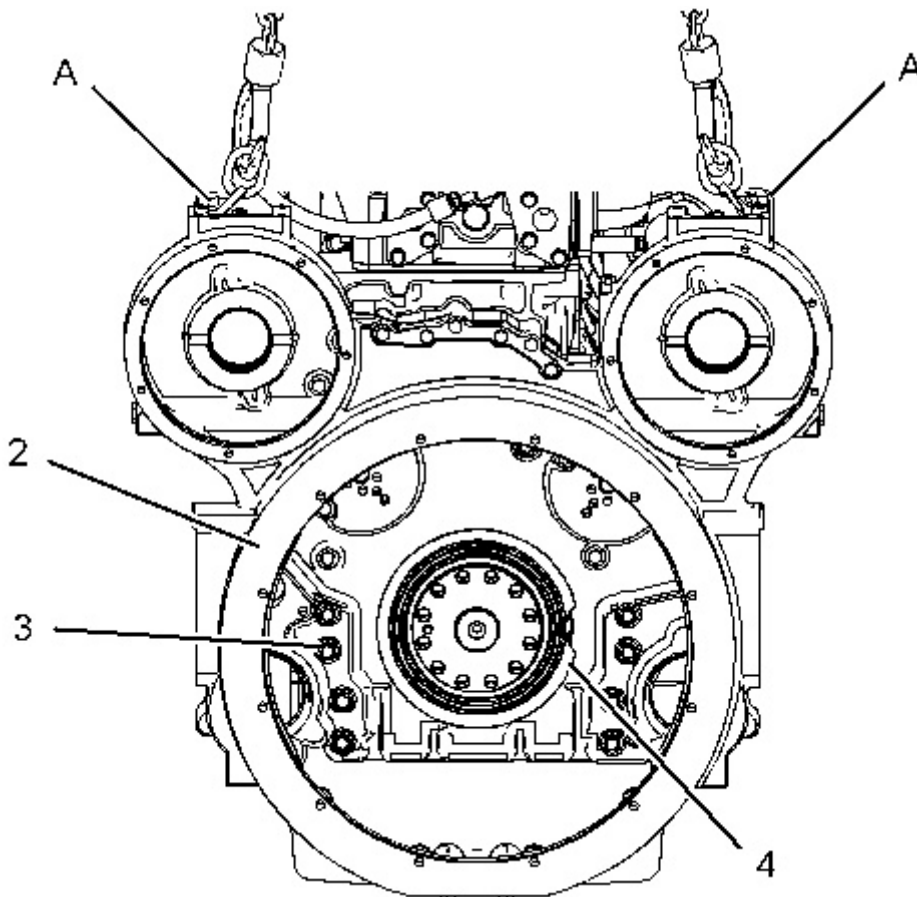


Illustration 2

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2. Install Tooling (A) and a suitable lifting device on flywheel housing (2). The weight of flywheel housing (2) is approximately 134 kg (295 lb).

3. Remove bolts (3). Remove flywheel housing (2) and the gasket from the cylinder block.

4. Remove baffle (4) from the flywheel housing.

Installation Procedure

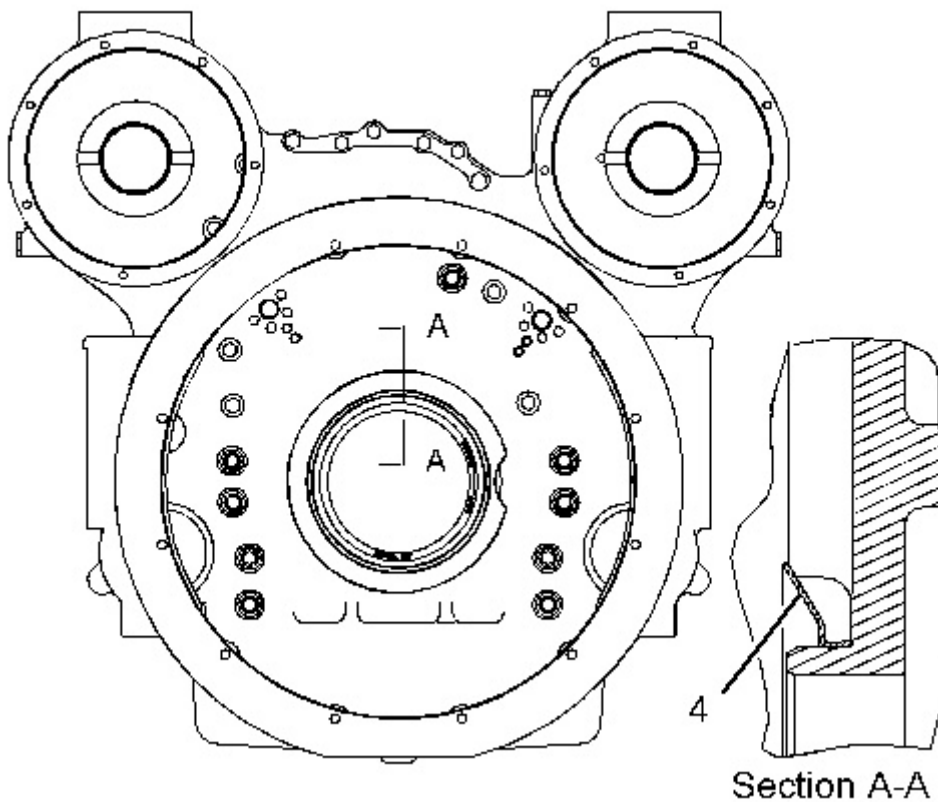
Table 2

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7574	Link Bracket	2
B	-	Loctite 5900	-

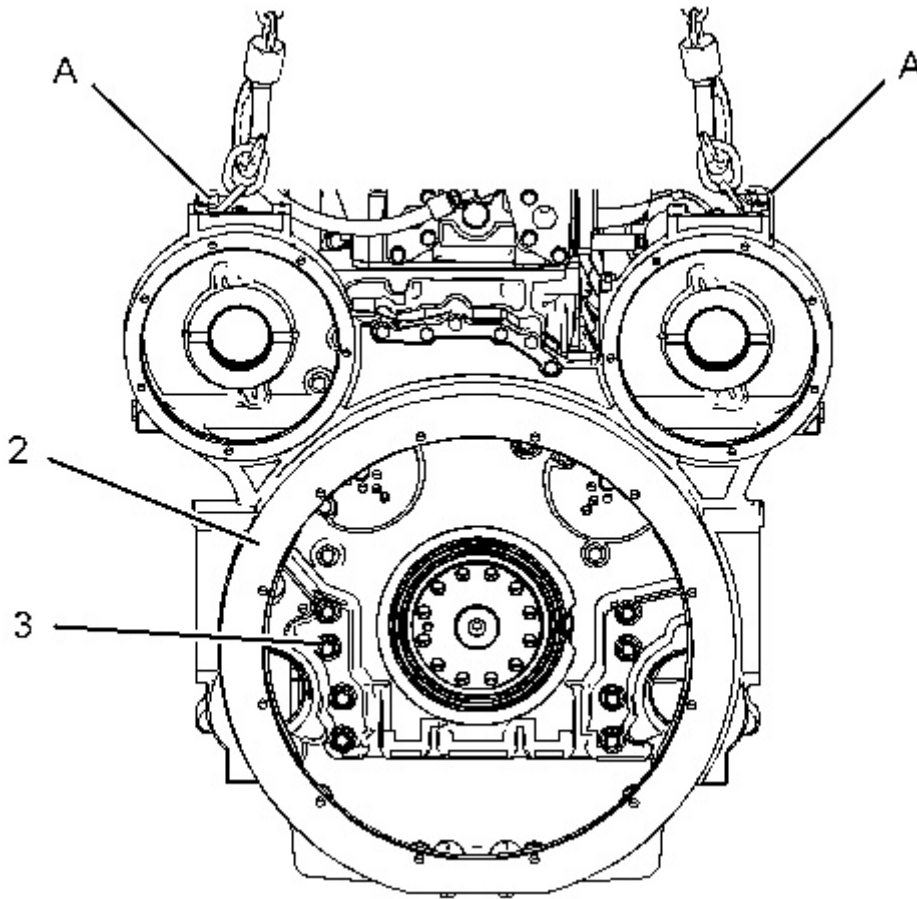
NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.



1. Install baffle (4) with the notch in the 3 o'clock position. The forward edge of the baffle must contact the flywheel housing.



2. Install Tooling (A) and a suitable lifting device on flywheel housing (2). The weight of flywheel housing (2) is approximately 134 kg (295 lb).
 3. Position the gasket on the locating dowels of the rear face of the cylinder block. Apply Tooling (B) to the bottom of the flywheel housing in order to fill the space at the cylinder block, the flywheel housing, and the engine oil pan.
 4. Position flywheel housing (2) on the cylinder block. Install bolts (3).
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