



Service Repair Manual

Model

232D Skid Steer Loader

Product: SKID STEER LOADER

Model: 232D SKID STEER LOADER KXC

Configuration: 232D Skid Steer Loader KXC00001-UP (MACHINE) POWERED BY C2.2 Engine

Disassembly and Assembly C1.1, C1.5 and C2.2 Engines for Caterpillar Built Machines

Media Number -KENR6948-06

Publication Date -01/06/2015

Date Updated -02/08/2018

i06720081

Flywheel - Remove

SMCS - 1156-011

Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	1
B	-	Guide Stud (M10 x 1.25 mm by 80mm)	2

Start By:

- a. Remove the electric starting motor. Refer to Disassembly and Assembly, "Electric Starting Motor - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

Note: The three cylinder and the four cylinder engines have different flywheels. The removal procedure is similar for all models.

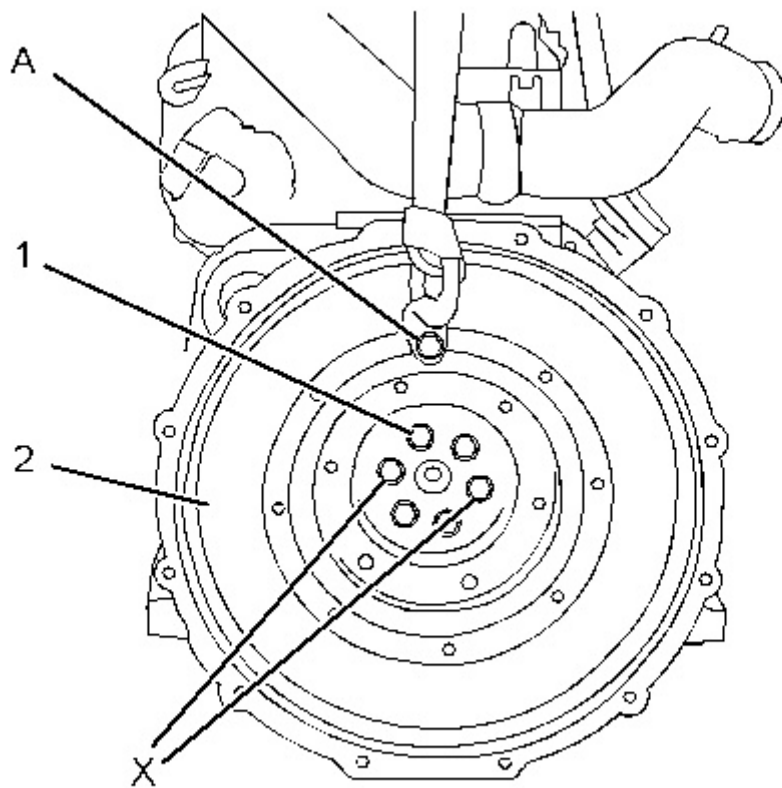


Illustration 1

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Typical example

1. Install Tooling (A) and a suitable lifting device to flywheel (2). The weight of the flywheel is approximately 42 kg (93 lb).
2. Remove two bolts (1) from positions (X) on the flywheel.
3. Install Tooling (B) in positions (X) on the flywheel.
4. Remove the remaining bolts (1) and remove flywheel (2).

Note: On some three cylinder engines, a roll pin is located between the crankshaft and the flywheel.

5. Inspect ring gear (3) and flywheel (2) for wear or damage. If the ring gear or the flywheel is worn or damaged, use new parts for replacement.
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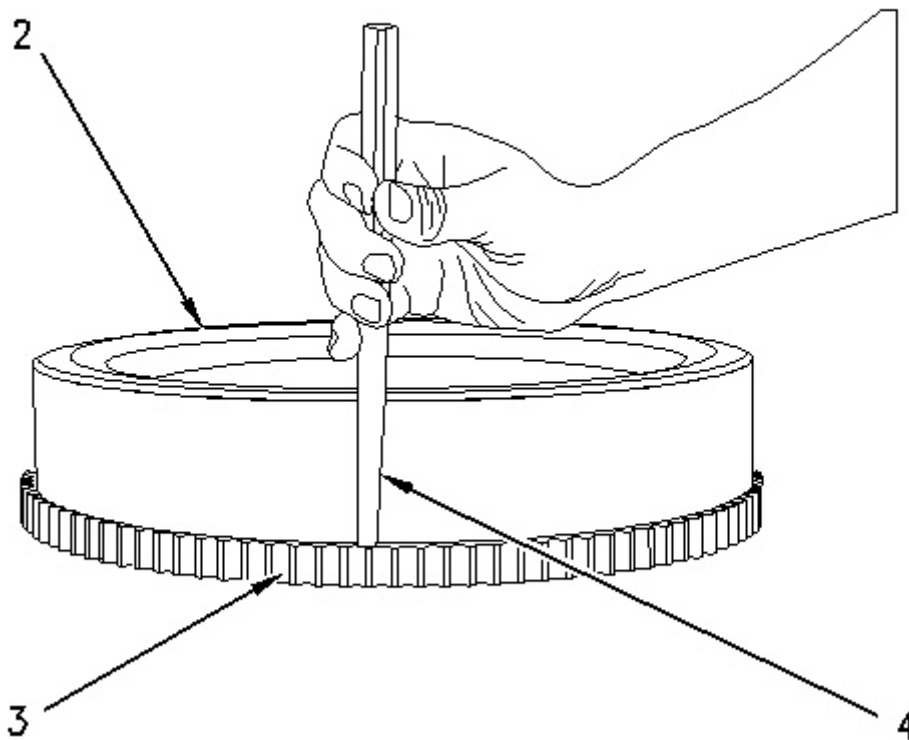


Illustration 2
Typical example

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6. To remove ring gear (3) from flywheel (2), place the flywheel on a suitable support. Use a hammer (not shown) and a punch (4) to remove the ring gear from the flywheel.

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Disassembly and Assembly

C1.1, C1.5 and C2.2 Engines for Caterpillar Built Machines

Media Number -KENR6948-06

Publication Date -01/06/2015

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i06720105

Flywheel - Install

SMCS - 1156-012

Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7573	Link Bracket	1
B	-	Guide Stud (M10 x 1.25 mm by 80mm)	2

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.


WARNING

Always wear protective gloves when handling parts that have been heated.

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