



# Service Repair Manual

## **Models**

329D2 and 329D2L Excavator

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Product: EXCAVATOR

Model: 329D2 L EXCAVATOR THW

Configuration: 329D2 & 329D2 L Excavators THW00001-UP (MACHINE) POWERED BY C7.1 Engine

## Disassembly and Assembly

### C7.1 Engines

Media Number -UENR0633-19

Publication Date -01/07/2015

Date Updated -29/10/2018

i05292294

## Flywheel - Remove - Equipped with Rear Power Take-Off

SMCS - 1156-011

### Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Guide Stud 1/2 inch - UNF by 4 inch	2

#### Start By:

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

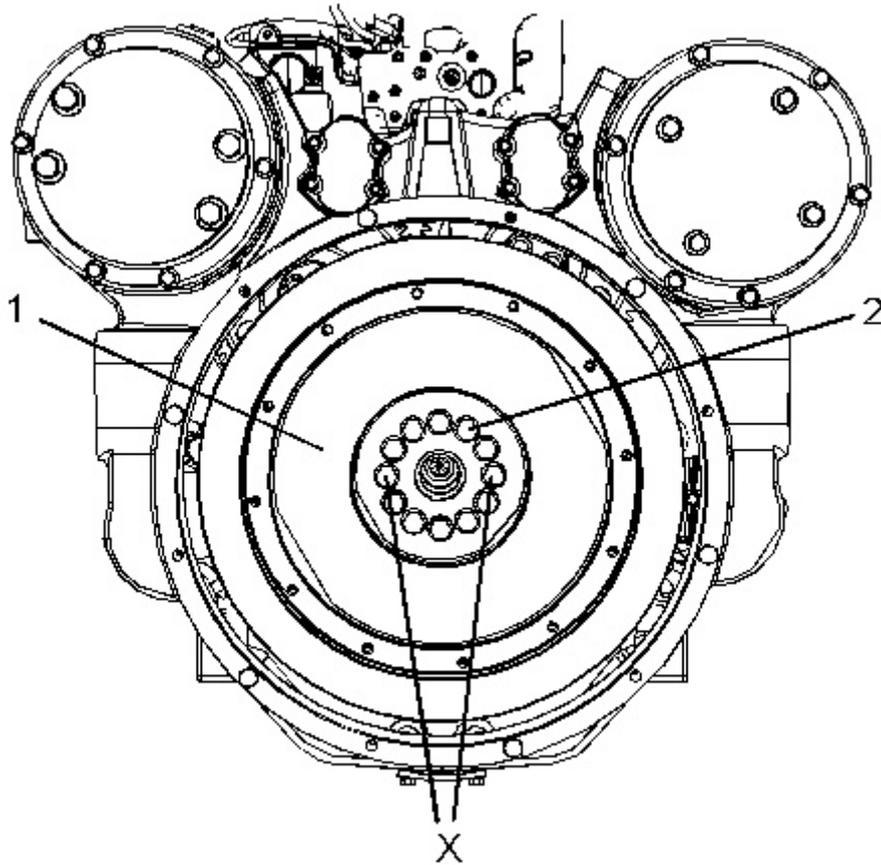
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#### NOTICE

**Keep all parts clean from contaminants.**

**Contaminants may cause rapid wear and shortened component life.**

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Illustration 1

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1. Remove bolts from Position (X) from flywheel (1).
  2. Install Tooling (A) in Position (X) to flywheel (1).
  3. Use a suitable lifting device to support the flywheel. The weight of flywheel (2) is approximately 68 kg (150 lb).
  4. Remove remaining bolts (2).
  5. Use the lifting device to remove flywheel (1) from the engine.
  6. Remove Tooling (A).
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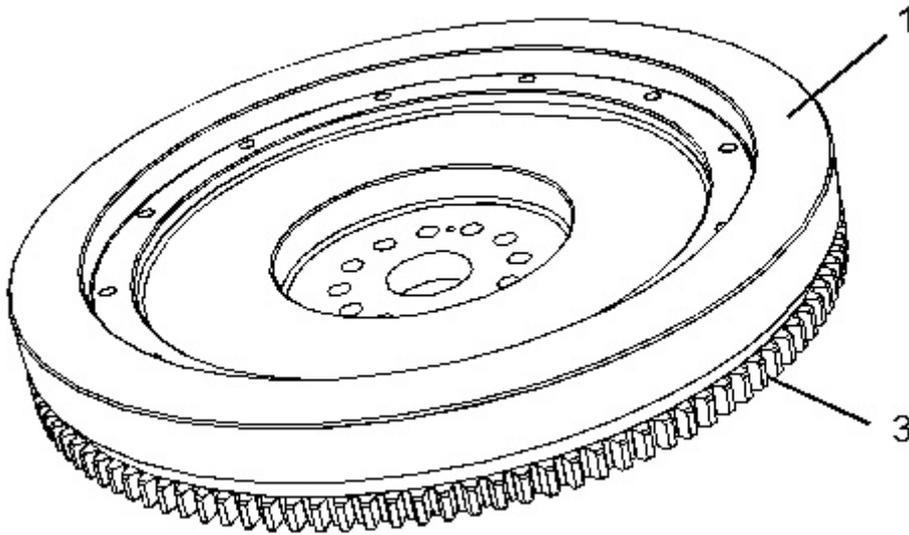


Illustration 2

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7. Inspect flywheel (1) and ring gear (3) for wear and damage. Replace any worn components or damaged components.
8. To remove flywheel ring gear (3), follow Step 8.a through Step8.b.
  - a. Place the flywheel assembly on a suitable support.
  - b. Use a hammer and a punch in order to remove ring gear (3) from flywheel (1).

**Note:** Identify the orientation of the teeth on the flywheel ring gear.

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## Disassembly and Assembly

### C7.1 Engines

Media Number -UENR0633-19

Publication Date -01/07/2015

Date Updated -29/10/2018

i05292296

## Flywheel - Remove

SMCS - 1156-011

## Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	-	Guide Stud 1/2 inch - UNF by 4 inch	2

### Start By:

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

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