CATERPILLAR®

Service Repair Manual

Models

325D and 325D L Excavator

Product: EXCAVATOR
Model: 325D EXCAVATOR KDG
Configuration: 325D & 325D L Excavators KDG00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly
C7
Engines for Caterpillar Built Machines
Media Number -RENR9218-13 **Publication Date -01/06/2014** **Date Updated -04/06/2014**

i02301731

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 Bolt (M12 X 1.75 by 120 mm)	1

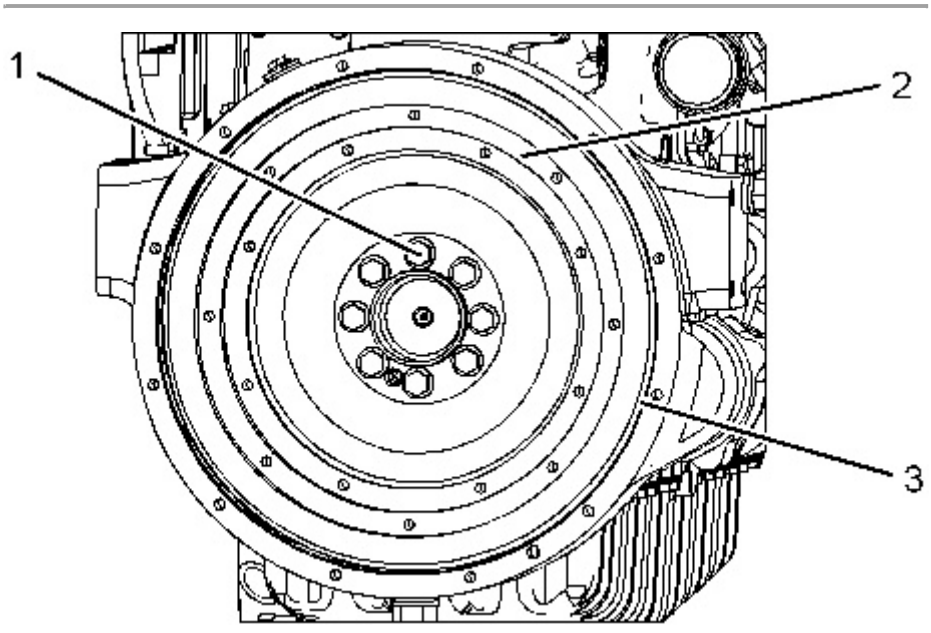

Illustration 1 g01152630

1. Attach Tooling (A) and a suitable lifting device to flywheel (2). The weight of flywheel (2) is approximately 27 kg (60 lb).
2. Remove top bolt (1). Install Tooling (B). Remove remaining bolts (1) .
3. Remove flywheel (2) from Tooling (B).
4. Replace ring gear (3), if necessary. Use a hammer and a punch in order to remove the flywheel ring gear.

Product: EXCAVATOR
Model: 325D EXCAVATOR KDG
Configuration: 325D & 325D L Excavators KDG00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly
C7
Engines for Caterpillar Built Machines

Media Number -RENR9218-13 **Publication Date -01/06/2014** **Date Updated -04/06/2014**

i06149434

Flywheel - Install

SMCS - 1156-012

Installation Procedure

Table 1

Required Tools			
Tool	**Part Number**	**Part Description**	**Qty**
A	439-3938	Link Bracket	1
B	-	Guide Bolt (M12 X 1.75 by 120 mm)	1
C	9S-3263	Thread Lock Compound	1

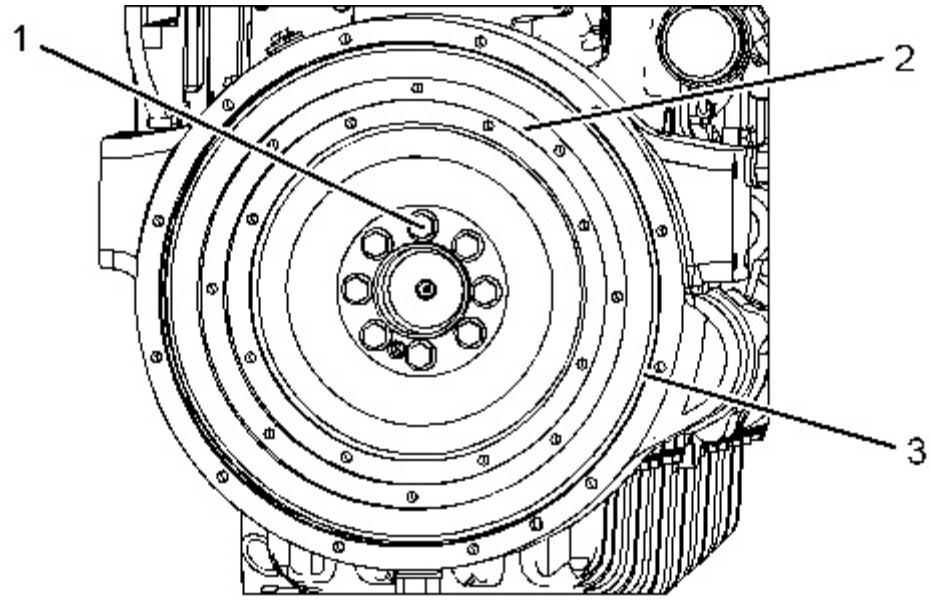

Illustration 1 g01152630

1. Raise the temperature of ring gear (3) .

   Note: Do not use a torch to heat the ring gear.

2. Position ring gear (3) on flywheel (2) with the part number toward the crankshaft. Use a soft hammer in order to seat the ring gear against the shoulder of the flywheel. Allow the ring gear to cool.

3. Install Tooling (B) in the crankshaft.

4. Attach Tooling (A) and a suitable lifting device to flywheel (2) . The weight of flywheel (2) is approximately 27 kg (60 lb).

5. Position flywheel (2) on Tooling (B) .

6. Apply Tooling (C) to the threads of bolts (1) .

7. Install bolts (1) . Remove Tooling (B) and install remaining bolt (1) . Tighten bolts (1) to a torque of 120 ± 20 N·m (89 ± 15 lb ft).

8. Check the flywheel runout. Refer to Testing and Adjusting, "Flywheel - Inspect".

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