



# Service Repair Manual

## **Models**

**320, 320L TRACK-TYPE  
EXCAVATOR**

---

Product: EXCAVATOR

Model: 320 L EXCAVATOR 9KK

Configuration: 320, 320L TRACK-TYPE EXCAVATORS 9KK00001-01358 (MACHINE) POWERED BY 3066 ENGINE

## Disassembly and Assembly 3064 and 3066 Engines for Caterpillar Built Machines

Media Number -SEN5553-10

Publication Date -01/05/2012

Date Updated -15/05/2012

i01615317

# Crankshaft Rear Seal - Install

SMCS - 1161-012

## Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	9U-6169	Installer	1
	9U-6171	Locator	1
	9U-6172	Bolt	2
	5P-8247	Hard Washer	1
	6V-3303	Bolt	1

---

### NOTICE

**Keep all parts clean from contaminants.**

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

---

1. To install a new wear sleeve that is complete with a seal, use **169-5464** Quick Cure Primer to clean the outer diameter of the crankshaft and the inside diameter of the wear sleeve. Apply **4C-9507** Retaining Compound to the faces of all the mating parts.
-

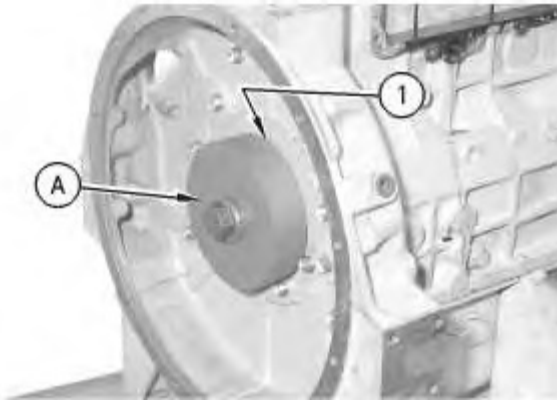


Illustration 1

g00604874

2. Install a new wear sleeve that is complete with a seal (1) (not shown) with Tool (A), as follows:

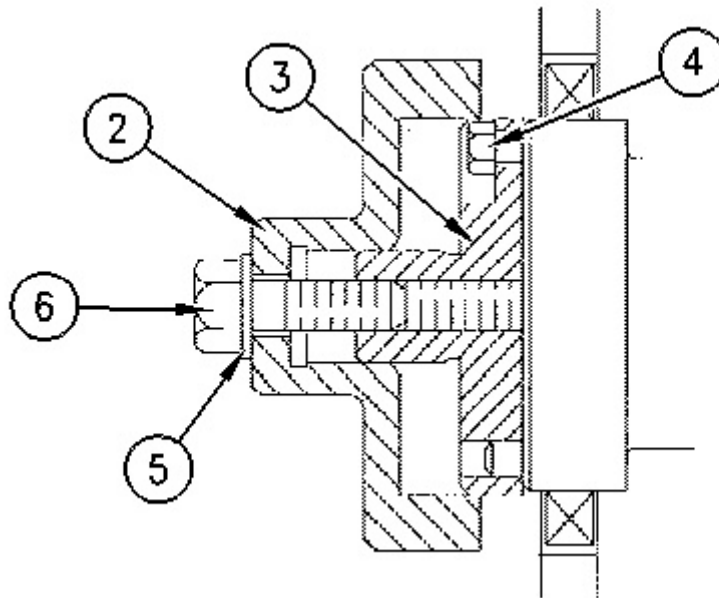
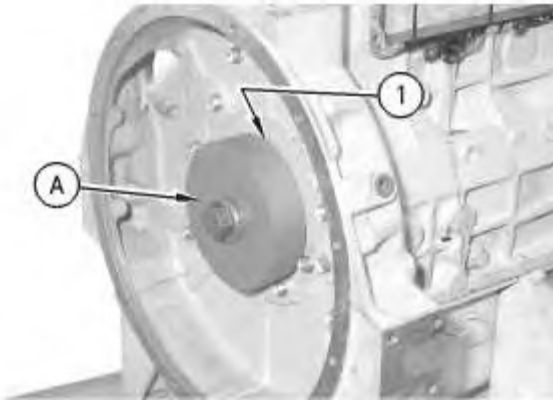


Illustration 2

g00604875

- a. Install **9U-6171** Locator (3) onto the crankshaft with **9U-6172** Bolt (4).
- b. Put the new wear sleeve that is complete with a seal in **9U-6169** Installer (2).
- c. Put **6V-3303** Bolt (6) through **5P-8247** Hard Washer (5) and **9U-6169** Installer (2) and thread into **9U-6171** Locator (3).
- d. Push the wear sleeve that is complete with a seal onto the crankshaft until **9U-6169** Installer (2) bottoms out.



---

Illustration 3

g00604874

- e. Remove Tool (A) and check crankshaft rear seal (1) (not shown) for correct installation.

**End By:**

- a. Install the flywheel. Refer to Disassembly and Assembly, "Flywheel - Install".

Product: EXCAVATOR

Model: 320 L EXCAVATOR 9KK

Configuration: 320, 320L TRACK-TYPE EXCAVATORS 9KK00001-01358 (MACHINE) POWERED BY 3066 ENGINE

## Disassembly and Assembly 3064 and 3066 Engines for Caterpillar Built Machines

Media Number -SEN5553-10

Publication Date -01/05/2012

Date Updated -15/05/2012

i05421135

# Flywheel Housing - Remove and Install

SMCS - 1157-010

## Removal Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	138-7575	Link Bracket	1
B	1P-0510	Driver Group	1

### Start By:

- A. Remove the electric starting motor.
- B. Remove the flywheel and ring gear.

---

### NOTICE

**Keep all parts clean from contaminants.**

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

---

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](mailto:ebooklibonline@outlook.com)