



Service Repair Manual

Models

322C FM EXCAVATOR

Product: EXCAVATOR

Model: 322C FM EXCAVATOR M2H

Configuration: 322C Forest Swing Machine M2H00001-UP (MACHINE) POWERED BY 3126B Engine

Disassembly and Assembly 3126B Engines for Caterpillar Built Machines

Media Number -SEN9581-06

Publication Date -01/08/2018

Date Updated -17/08/2018

i01982085

Crankshaft Front Seal - Remove

SMCS - 1160-011

Removal Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|---------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 1U-7600 | Slide Hammer Puller | 1 |
| B | 1U-8145 | Drill Bit | 1 |

Start By:

- Remove the vibration damper and the pulley. Refer to Disassembly and Assembly, "Vibration Damper and Pulley - Remove and Install".

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

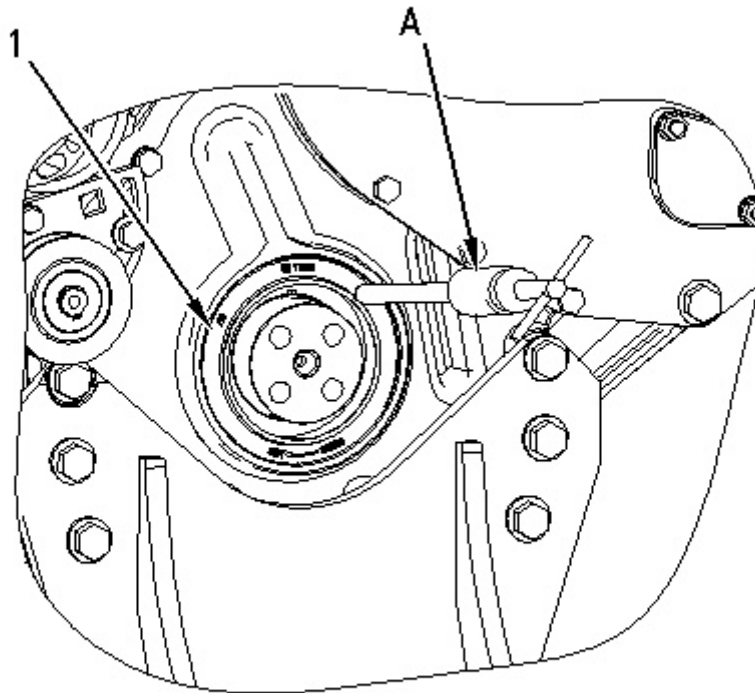


Illustration 1

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1. Use Tooling (B) and carefully drill three evenly spaced holes in crankshaft front seal (1).
2. Alternate between the drilled holes and use Tooling (A) to remove crankshaft front seal (1).

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Crankshaft Front Seal - Install

SMCS - 1160-012

Installation Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|----------------------|-----|
| Tool | Part Number | Part Description | Qty |
| C | 1U-7430 | Front Seal Installer | 1 |

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

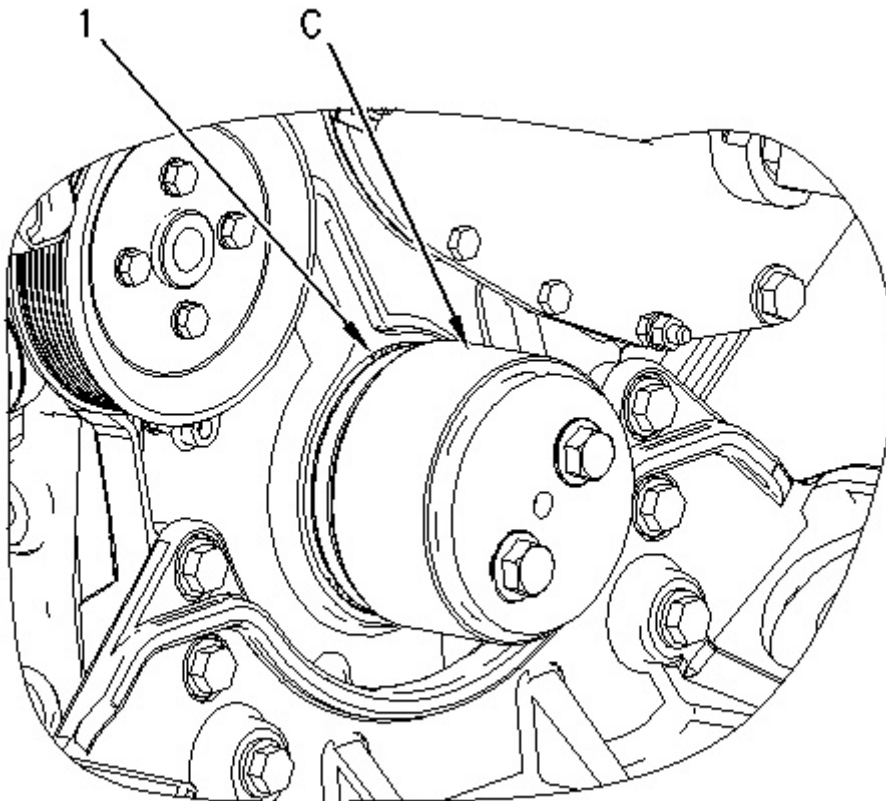


Illustration 1

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1. Use Tooling (C) to install crankshaft front seal (1).

Note: The crankshaft seal is designed to be installed dry.

End By:

- a. Install the vibration damper and the pulley. Refer to Disassembly and Assembly, "Vibration Damper and Pulley - Remove and Install".

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