

Product: TRACK LOADER

Model: 963C TRACK LOADER BBD

Configuration: 963C TRACK-TYPE LOADER TIER II BBD00001-UP (MACHINE) POWERED BY 3126B Engine

## Disassembly and Assembly 3126B Engines for Caterpillar Built Machines

Media Number -SEN9581-06

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i05042449

## Unit Injector - Install

SMCS - 1290-012

## Installation Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	149-2955	Seal Protector	1
B	149-2956	Seal Installer	1
C	152-1057	Fuel Injector Installer	1

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### NOTICE

**Keep all parts clean from contaminants.**

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

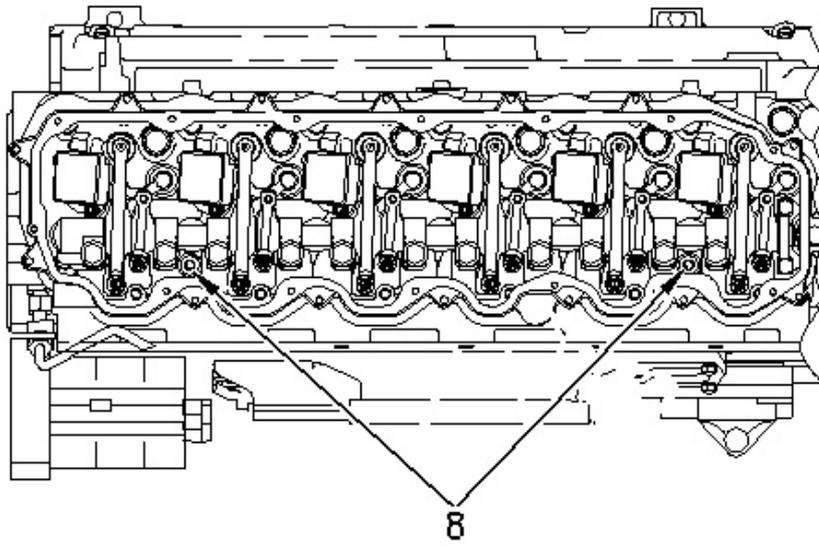
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### NOTICE

**The correct procedures and tooling specifications must always be used. Failure to follow any of the procedures may result in damage, malfunction, or possible engine failure.**

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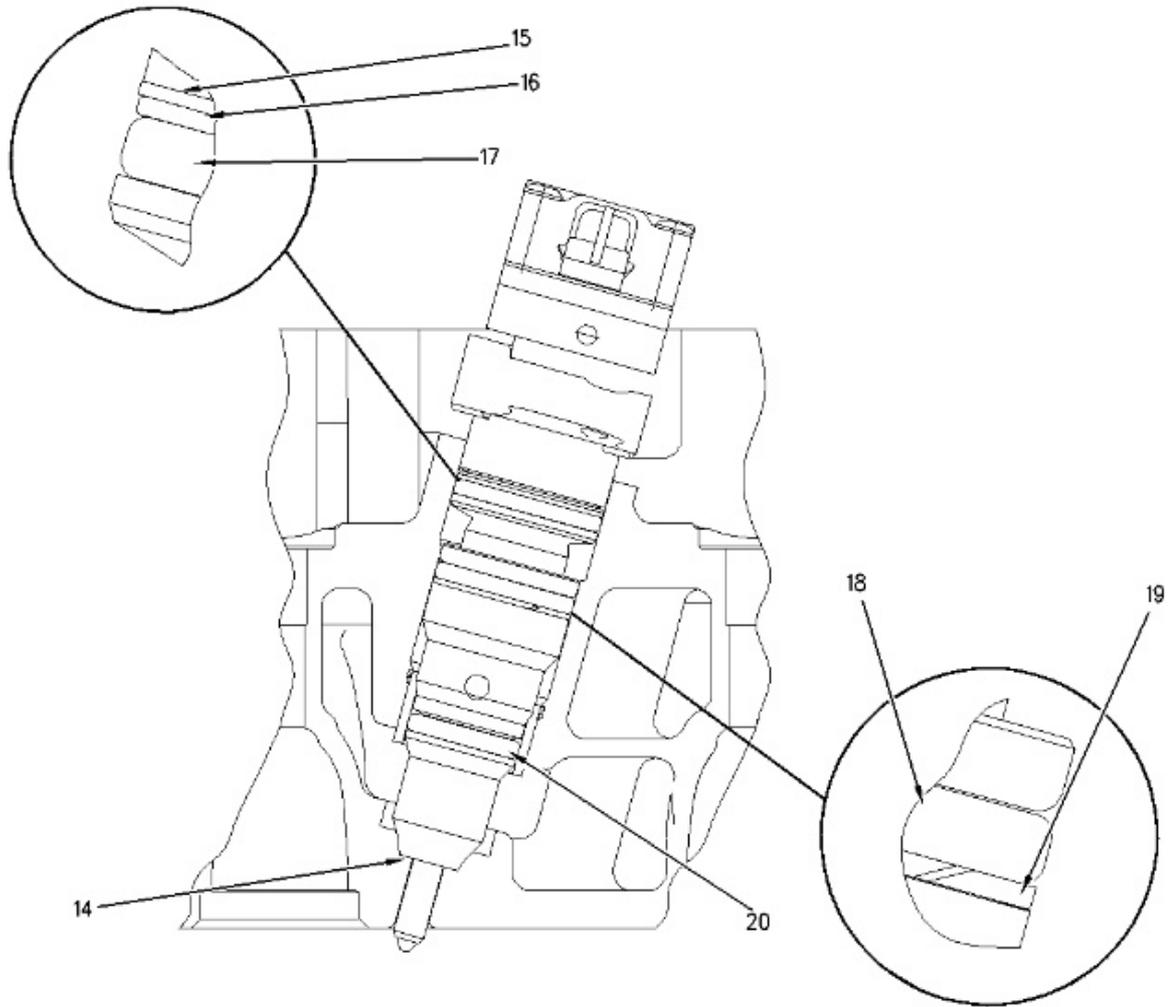


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Illustration 1

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1. Install oil drain plugs (8) .
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Illustration 2

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This illustration is of the 154-8016 Fuel Injector Seals .

(14) Metal Seal

(15) 133-3715 Backup Ring

(16) 150-4105 Backup Ring

(17) 9X-7557 O-Ring Seal

(18) 148-2903 O-Ring Seal

(19) 149-5240 Backup Ring

(20) 109-3207 O-Ring Seal

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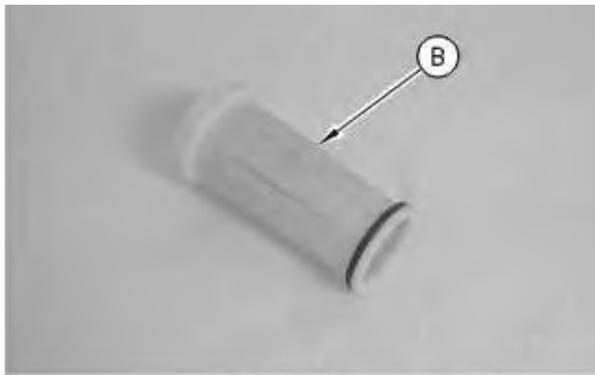


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Illustration 3

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(A) 149-2955 Seal Protector



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Illustration 4

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(B) 149-2956 Seal Installer

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## NOTICE

**The correct procedures and tooling specifications must always be used. Failure to follow any of the procedures may result in damage, malfunction, or possible engine failure.**

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**Note:** Install the upper seal pack first. Then install the middle seal pack. Finally, install the bottom O-Ring Seal.

- Both the **149-2955** Seal Protector (A) and the **149-2956** Seal Installer (B) should be used when you are installing the upper high-pressure seals.

**Note:** New seals should be installed after each removal of the injector from the engine.

- Lubricate the O-Ring seals and the sleeve bore of the injector sparingly with clean engine oil.

**Note:** Proper installation of the injector is important. Damage to the upper high-pressure seals can cause excessive oil leakage under the valve cover. Damage to the upper high-pressure seals may

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