CATERPILLAR®

Service Repair Manual

Models

329D and 329D L Excavator

Model: 329D EXCAVATOR DTZ

Configuration: 329D & 329D L Excavators DTZ00001-UP (MACHINE) POWERED BY C7 Engine

Disassembly and Assembly

324D, 325D, 326D and 329D Excavators and 329D MHPU Mobile Hydraulic Power Unit C7 Engine Supplement

Media Number -RENR8645-13

Publication Date -01/05/2012

Date Updated -07/05/2012

i02435581

Valve Mechanism Cover Base - Remove and Install

SMCS - 1120-010

Removal Procedure

Start By:

A. Remove the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".

Note: Cleanliness is an important factor. Before the removal procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

NOTICE	
Keep all parts clean from contaminants.	
Contaminants may cause rapid wear and shortened componen	t life.

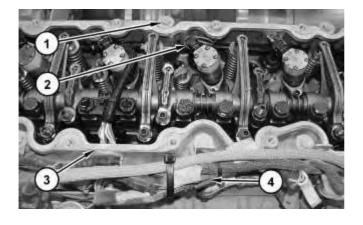


Illustration 1

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1. Disconnect harness assembly (4). Disconnect harness assemblies (2). Remove bolts (1). Remove valve mechanism cover base (3).

Installation Procedure

Note: Cleanliness is an important factor. Before the installation procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

NOTICE

Keep all parts clean from contaminants.

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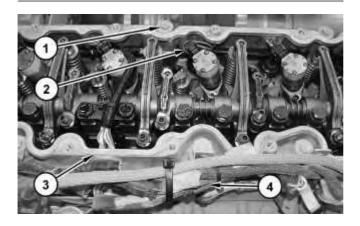


Illustration 2

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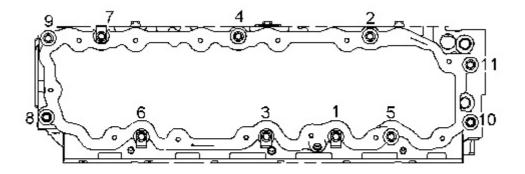


Illustration 3 g01127431

1. Position valve mechanism cover base (3). Install bolts (1). Tighten bolts (1) in a numerical sequence.

2. Connect harness assembly (4). Connect harness assemblies (2).

End By: Install the valve mechanism cover. Refer to Disassembly and Assembly, "Valve Mechanism Cover - Remove and Install".

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Cylinder Head - Remove

SMCS - 1100-011

Removal Procedure

Table 1

Required Tools				
Tool	Part Number	Part Description	Qty	
A	138-7575	Link Bracket	2	

Start By:

- A. Remove the valve mechanism cover base. Refer to Disassembly and Assembly, "Valve Mechanism Cover Base Remove and Install".
- B. Remove the muffler. Refer to Disassembly and Assembly, "Muffler Remove and Install".
- C. Remove the unit injectors. Refer to Disassembly and Assembly, "Unit Injector Remove".
- D. Remove the rocker shaft and pushrods. Refer to Disassembly and Assembly, "Rocker Shaft and Pushrod".

NOTICE
Keep all parts clean from contaminants.
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