

Product: TRACK SKIDDER

Model: D5HTSK II TRACK SKIDDER 7EG

Configuration: D5H Track-Type Skidder Series II 7EG00001-UP (MACHINE) POWERED BY 3304 Engine

Disassembly and Assembly

3304 MACHINE ENGINE FOR D4H SERIES III AND D5H SERIES II TRA

Media Number -SEN3253-01

Publication Date -01/09/1992

Date Updated -20/07/2010

SEN32530027

Valves

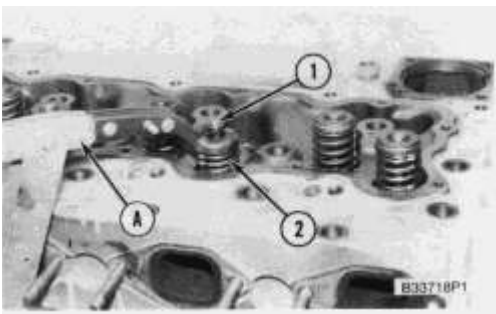
SMCS - 1105-011; 1105-012

Remove Valves

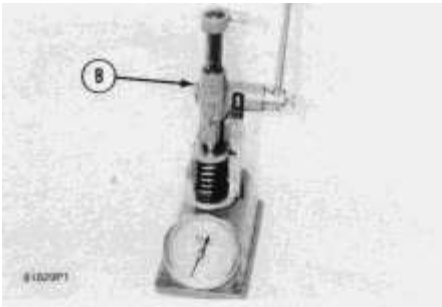
Tools Needed		A	B
5S1330	Valve Spring Compressor Assembly	1	
8S2263	Valve Spring Tester		1

Start By:

- a. remove fuel injection nozzles
- b. remove cylinder head assembly and spacer plate



1. Put compression on valve spring (2) with tool (A), and remove locks (1).
2. Remove tool (A), rotocoil, spring, valve stem oil shield and valve. Put identification marks on valves with respect to their location in the cylinder head.

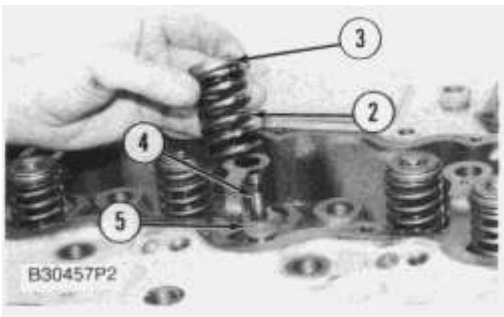


3. Check the spring force with tool (B). The spring force is 257 ± 25 N (57.8 ± 5.6 lb). The length of spring under test force is **44.86 mm (1.766 in)**. The free length after test is **52.07 mm (2.050 in)**.

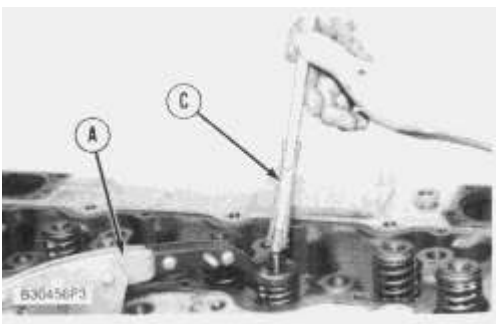
4. Do Steps 1 through 3 again for the remainder of the valves.

Install Valves

Tools Needed		A	C
5S1330	Valve Spring Compressor Assembly	1	
5S1322	Valve Keeper Inserter		1



1. Put clean engine oil on the valve stems. Install valve (4), oil shield (5), spring (2) and rotocoil (3) in the cylinder head.



2. Put tool (A) in position on the valve spring, and install the locks with tool (C).



WARNING

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