

KOMATSU PW95-1 Hydraulic Excavator Service Repair Workshop Manual[WEBMPW9500]



SHOP MANUAL



PW95-1

HYDRAULIC EXCAVATOR

SERIAL NUMBER

0000007 and up

KOMATSU

CONTENTS

	No. of page
10 STRUCTURE AND FUNCTION	10-1
20 TESTING AND ADJUSTING	20-1
30 DISASSEMBLY AND ASSEMBLY	30-1
40 MAINTENANCE STANDARD	40-1

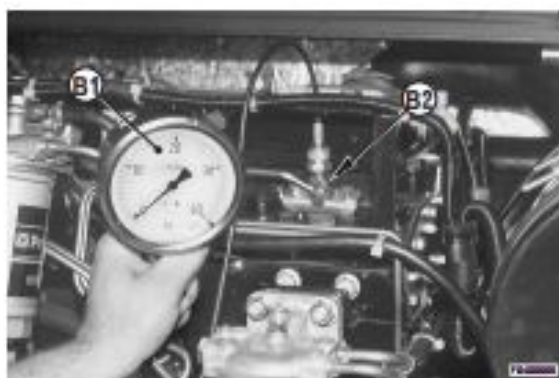
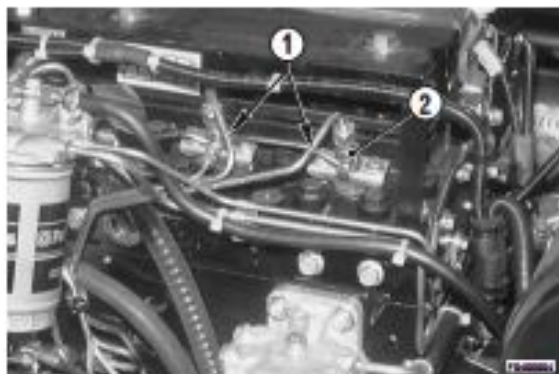
MEASUREMENT OF COMPRESSION PRESSURE

⚠ When measuring the compression, be careful not to get caught up in the cooling fan, the alternator belt or any other rotating parts.

★ Test conditions:

- Engine: at running temperature
- Hydraulic oil: 45+55°C
- Battery: fully charged
- Valve clearance: adjusted (See «VALVE CLEARANCE ADJUSTMENT»)

- 1 - Disconnect the high pressure tubes (1).
- 2 - Remove the nozzle holder (2) of the cylinder to be checked.
- 3 - Install the adapter B2 and connect the pressure gauge B1.



- 4 - Disconnect the cables (3) from the solenoid valve (4) that stops the engine.
- 5 - Turn the engine using the starting motor and measure the compression.
 - ★ Compression value:
 - normal 24+26 kg/cm²
 - minimum permissible 20 kg/cm²
 - ★ Measure the compression value once the pressure gauge has stabilised.



- 6 - After measuring the pressure, replace the nozzle holder and reconnect the high pressure and flow-back tube.

- 🔧 Nozzle holder retaining screws: 12 Nm (1.2 kgm)
- 🔧 High pressure connector: 19 Nm (1.9 kgm)
- ★ Check all the cylinders.



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