

KOMATSU PW98MR-6 Hydraulic Excavator Service Repair Workshop Manual[WEBM007302]



SHOP MANUAL



PW98MR-6

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PW98MR-6 F00003 and up



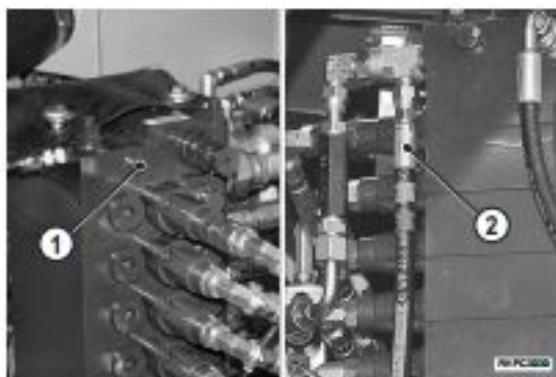
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CHECKING AND ADJUSTING THE LS (Load Sensing) VALVE

1. With differential pressure gauge C5

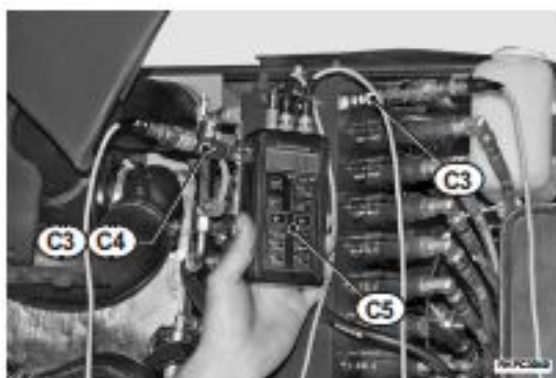
1 - Remove plug (1) and disconnect the LS signal plug (2).



2 - Install fitting C3 to plug hole (1) on the control valve, and install fitting C4 on hose (2).

3 - Connect the differential pressure gauge C5.

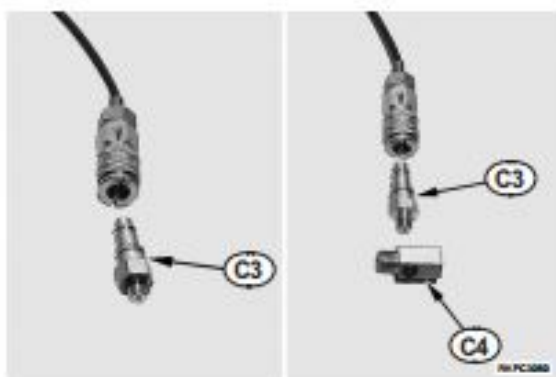
- ★ Connect the high pressure side to hole (1) and the LS pressure side (2) to fitting C4 with another fitting C3 placed in between.



4 - Check differential pressure LS under the conditions listed in Table 1.

Table 1

Fuel control levers	Operating mode	Differential pressure
Max.	All levers in NEUTRAL position	25–45
Max.	Bucket curl (lever operated to full curl position)	21.5–1



2. With analog pressure gauge

- ★ Measure the pressure with the same pressure gauge.

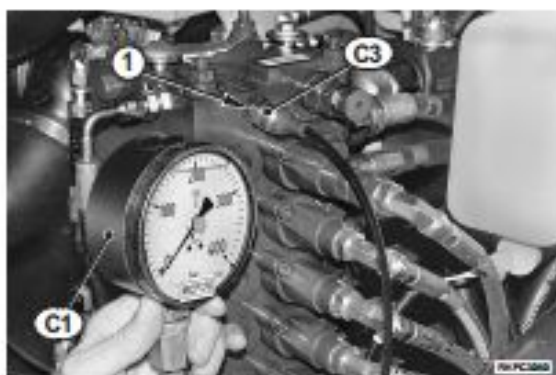
1 - Remove plug (1) and connect fitting C3 to control valve.

2 - Connect the pressure gauge C1.

- ★ Use a pressure gauge with an end scale value of 400 bar and 10 bar indexing.

3 - Measure pressure under the conditions listed in Table 1 and note it down.

- ★ Be sure to take a correct reading from the pressure gauge by holding it frontally.





Thank you very much
for your reading.
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to get more information.