

KOMATSU PW148-8 Wheeled Excavators Service Repair Workshop Manual[VEBM720100]





PW148-8

MACHINE MODEL
PW148-8

SERIAL NUMBER
H50051 AND UP

- This shop manual may contain attachments and optional equipment that are not available in your area. Please consult your local Komatsu distributor for those items you may require.
- Materials and specifications are subject to change without notice.
- PW148-8 mount the SAA4D107E-1 engine.
- For details of the engine, see the 107 Series Engine Shop Manual.

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2. Measuring return rate from supply pump

- a. Open the engine hood and disconnect return hose (3) of the supply pump.

★ The return hose is connected by a quick coupler.



- b. Install connector H4 and the cap nut of tester kit H2 to stop the fuel from flowing out.
- c. Connect test hose [1] of tester kit H2 to the supply pump.

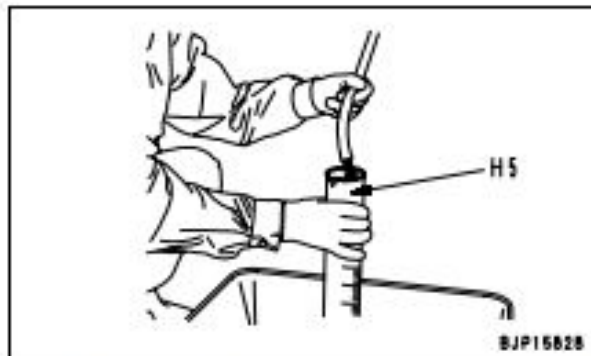
★ Lay the test hose so that it will not slacken and put its end in the oil (receiving) pan.



- d. Run the engine at low idle and measure the return rate for 25 seconds with measuring cylinder H5.

★ If the return rate from the supply pump is in the following range, it is normal.

At low idle (750 rpm)	Max. 400 cc
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- e. After finishing measurement, remove the measuring tools and return the removed parts.

★ When measuring the leakage from the pressure limiter or finishing the measurement: Return the removed parts to their original positions.

★ When measuring the leakage from the injector: Leave the removed parts as they are and keep the hose end in the oil pan.

3. Measuring leakage from pressure limiter

- a. Open the engine hood and disconnect return hose (4) of the pressure limiter.





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