

# 2012 Doosan DX140LC-3 Crawled Excavator Service Repair Workshop Manual



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# **Solar 75-V**

Shop Manual

023-00066AE

Serial Number 1001 and Up

January 2004

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This documentation may include attachments and optional equipment that is not available in your machine's package. Please call your distributor for additional items that you may require.

Illustrations used throughout this manual are used only as a representation of the actual piece of equipment, and may vary from the actual item.

# START-UP PROCEDURES

If engine does not start, the fuel system may need priming. Prime the fuel system using the following procedure;

1. Loosen plug (Figure 2) on top of fuel filter head.
2. Unscrew and pump the hand operated primer pump (Figure 3) by the fuel injection pump. Pump primer until fuel is present at plug hole in fuel filter head.
3. Tighten plug in fuel filter head.
4. Continue to pump primer pump until a strong resistance is felt. Screw the primer pump knob back into housing.
5. Start engine and look for signs of leaks.
6. Repeat procedure if necessary.

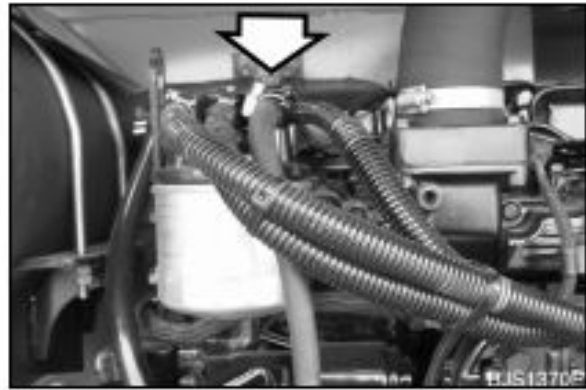


Figure 2



Figure 3

Remove the hex nuts. First disassemble pressure control, afterwards flow control.

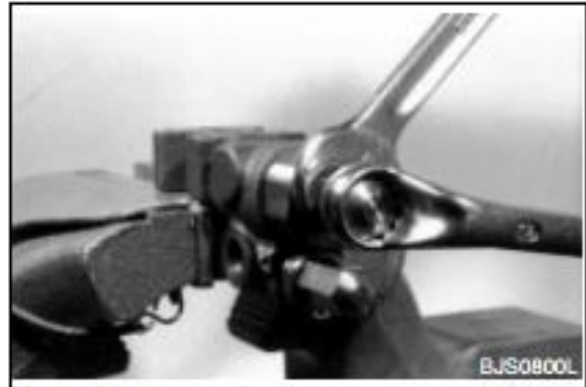


Figure 74

Loosen the lock nut and unscrew threaded pin.



Figure 75

Disassemble the plug.



Figure 76

Remove the spring collar.

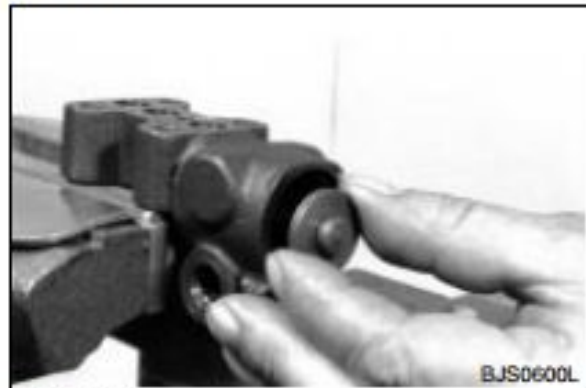


Figure 77



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