821 C Loader

Operators Manual

Bur 6-3591EUR

CASE CONSTRUCTION

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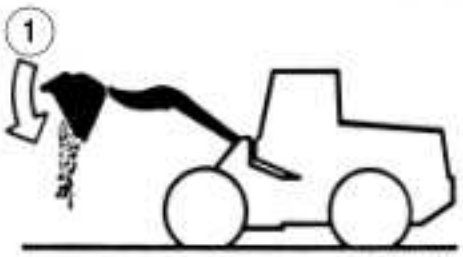
Four Spool Valve - Two Control Levers



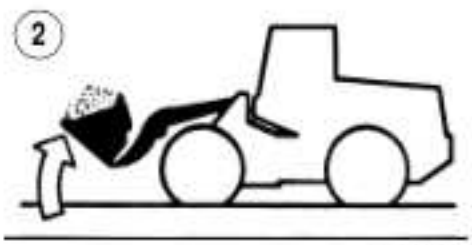
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NOTE: *This page shows the basic loader control lever positions. The Detent Switch for the loader functions is in the OFF position.*

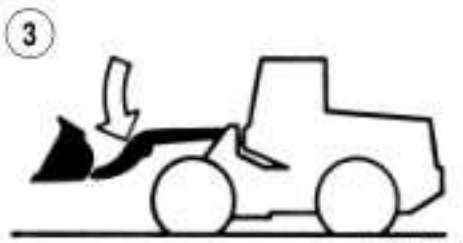
See Next Page for RETURN-TO-DIG, BUCKET HEIGHT CONTROL and RETURN-TO-TRAVEL/FLOAT switches.



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IMPORTANT: *If your machine is equipped with an auxiliary attachment, write the control lever positions next to the numbers below.*

5 _____

6 _____

7 _____

8 _____

9 HOLD: The loader arms, bucket, and auxiliary attachment will not move when the control levers are in HOLD. When released, the control levers will return to HOLD automatically.

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Removing Water and Sediment from the Fuel System

Drain the water for the fuel filter after every 50 hours of operation. Drain the water and sediment from the fuel tank after every 500 hours of operation.

1. Turn the drain valve on the fuel filter counterclockwise 2 or 3 turns and drain the water from the fuel filter.



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2. Close the drain valve.
3. Use a large enough container and drain water and sediment from the fuel tank. Dispose of water and sediment properly.

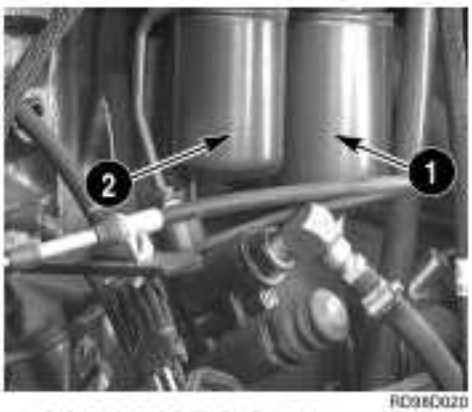


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Fuel Filter

Replace the fuel filter after every 250 hours of operation.

1. Clean the filter head and the outside of the fuel filter.



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1. FIRST STAGE FUEL FILTER
2. SECOND STAGE FUEL FILTER

2. Turn the filter counterclockwise and remove the filter. Discard the filter.
3. Apply a thin layer of clean oil to the gasket on the new filter.
4. Install the filter. Use your hands to tighten the filter 1/2 to 3/4 turn after the filter makes contact with the filter head.

IMPORTANT: *Do not use a filter wrench when installing a new filter.*

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ROLL-OVER PROTECTIVE STRUCTURE

Your machine has a Roll-Over Protective Structure (ROPS). A ROPS label shows the serial number of the ROPS, gross weight, approval, regulation, and model numbers of the machine. See Identification Numbers in this manual.

Before you operate this machine, always make sure that the ROPS and operator's seat belts are correctly installed.

Seat Belt

The seat belt is an important part of your ROPS. You must wear the seat belt at all times when you operate the machine.

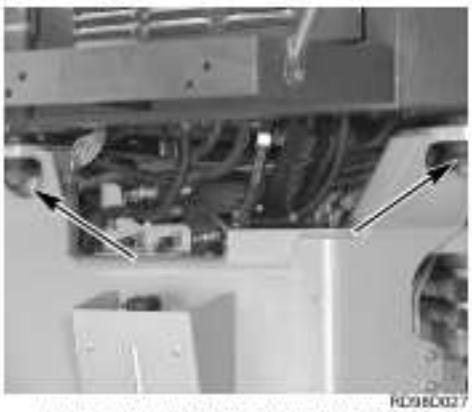
1. Keep the seat belts away from objects that can damage the seat belts.
2. Check the seat belts for damage. Replace all parts that are damaged.
3. Make sure that the mounting bolts of the seat belts are tight. See Torque Specifications for Seat in this manual.
4. Keep the seat belts clean. Wash the seat belts only in soap and water.
5. Do not put the seat belts in bleach or dye. You will make the seat belts weak.

Maintenance and Inspection of ROPS

After the first 20 hours of operation and after every 500 hours of operation, do the following:

1. Check the torque of the ROPS mounting bolts. If necessary, tighten the bolts to the correct torque. See torque specifications on this page.
2. Check the operators seat and the mounting parts for the seat belt. Tighten the bolts to the correct torque. See Torque Specifications in this manual. Replace parts that have wear or damage.
3. Check for cracks, rust, or holes in the ROPS and ROPS parts. Age, weather, and accidents can cause damage to the ROPS and ROPS parts. If you have any doubt about the ROPS system, see your dealer.

Torque Specifications for ROPS Cab and ROPS Canopy



RD98D027

ROPS CAB AND ROPS CANOPY MOUNTING BOLTS (BOTH SIDES), TIGHTEN TO 772 TO 854 Nm (580 TO 630 POUND-FEET)

NOTE: *Torque specifications are for clean, dry threads.*

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