OPERATOR'S MANUAL

WHEEL LOADER

621E
TIER 3

87583968 NA

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Chapter 2

SAFETY, AND DECALS

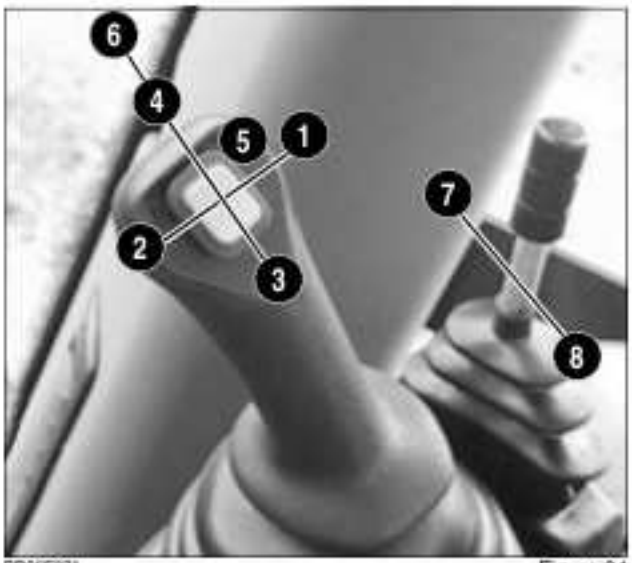
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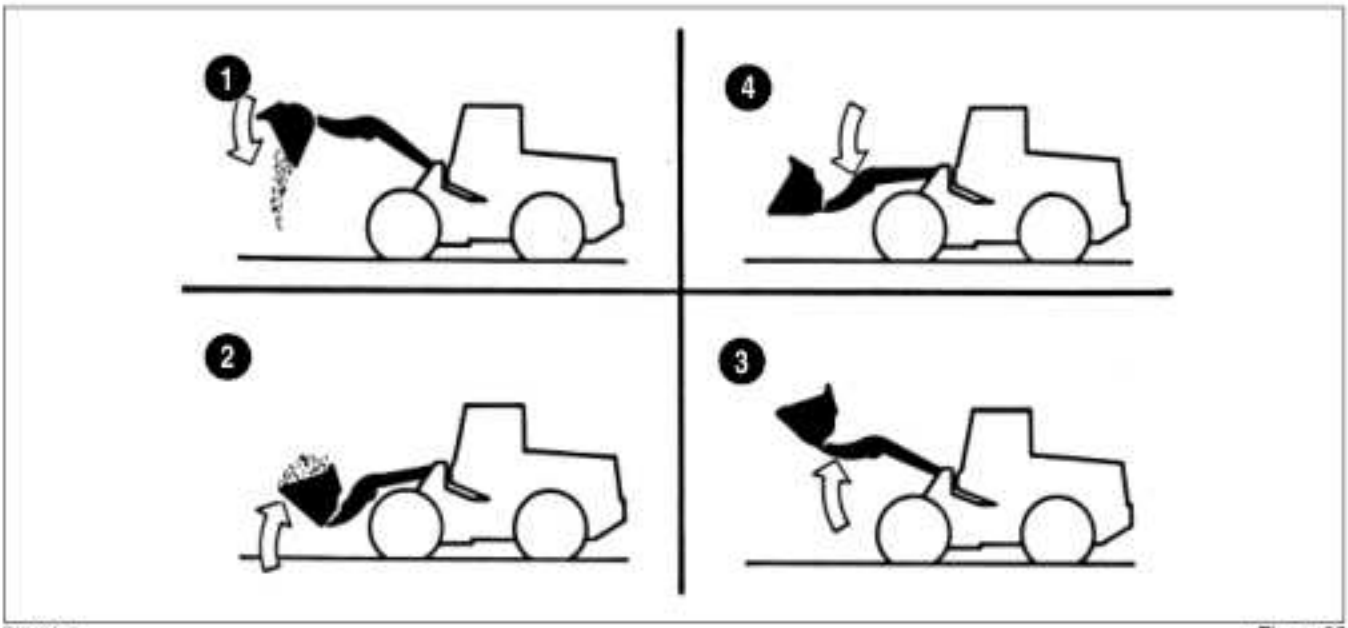
THREE SPOOL VALVE - TWO CONTROL LEVERS



6D06F271 Figure 24

NOTE: *This page shows the basic control lever positions.*

See Loader Function Switches in this manual for RETURN-TO-DIG, BUCKET HEIGHT CONTROL and RETURN-TO-TRAVEL/FLOAT switches.



B1119A88 Figure 25

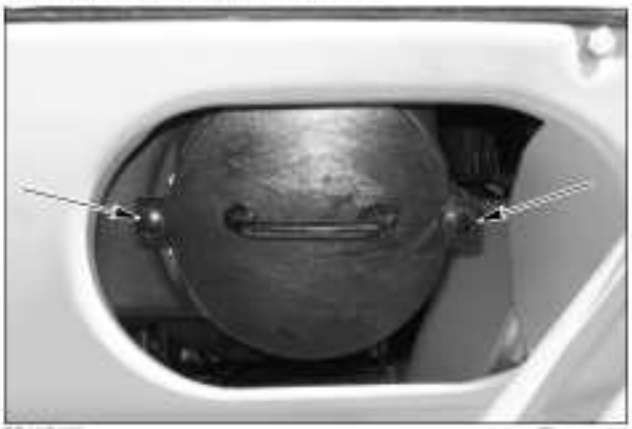
1. DUMP BUCKET
2. ROLLBACK BUCKET
3. RAISE LIFT ARMS
4. LOWER LIFT ARMS
5. HOLD: THE LOADER ARMS AND BUCKET WILL NOT MOVE WHEN THE CONTROL LEVER IS IN THE HOLD POSITION. WHEN RELEASED, THE CONTROL LEVER MUST BE MANUALLY MOVED FROM THE FLOAT POSITION TO THE HOLD POSITION. (ONLY WITH FLOAT DETENT SWITCH ENGAGED.)
6. FLOAT (DETENT): THIS IS A DETENT POSITION. WHEN IN THE FLOAT (DETENT) POSITION, THE LOADER BUCKET CAN FOLLOW LEVEL OF THE GROUND WITHOUT MOVEMENT OF THE CONTROL LEVER. (ONLY WITH FLOAT DETENT SWITCH ENGAGED.)
7. AUXILIARY FUNCTION
8. AUXILIARY FUNCTION

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1000 HOUR MAINTENANCE

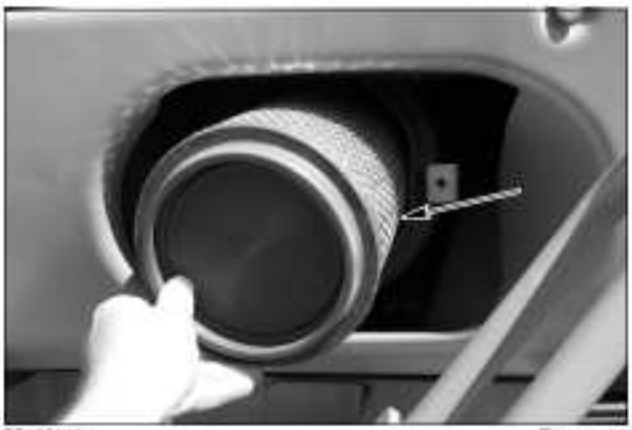
CAB AIR FILTER

Replace the cab air filter when the hourmeter registers 1000 hours or more frequently when operating conditions are severe.



BD07G077 Figure 67

The cab filter is located on the right hand side of the machine, below the operator's compartment. Remove the two screws from the cab air filter cover, and remove the cover.



BD07A190 Figure 68

Pull filter forward to remove. Wipe the inside of the filter housing. Replace with a new filter. Reinstall the filter cover, replacing the two screws.

CAB AIR RECIRCULATION FILTER

The cab recirculation air filter is located behind the operator's seat. Replace the filter when the hourmeter registers 1000 hours.



BD06F095 Figure 69

1. Remove the retaining screw that holds the re-circulation air filter cover in place and remove the filter.
2. Replace with a new filter, and secure the access filter cover.

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LIFT CAPACITY 621E Z-BAR

Lift Capacity 621E Z-Bar

	2.6 yd^3 (2.0 m^3) Bucket w/Bolt on Edge	2.6 yd^3 (2.0 m^3) Bucket w/Teeth and segments
Full Height	16533 lb (7499 kg)	16465 lb (7469 kg)
Ground	25806 lb (11705 kg)	25768 lb (11688 kg)

Lift Capacity 621E Z-Bar

	2.75 yd^3 (2.1 m^3) Bucket w/Bolt on Edge	2.75 yd^3 (2.1 m^3) Bucket w/Teeth and segments
Full Height	16464 lb (7468 kg)	16396 lb (7437 kg)
Ground	24369 lb (11054 kg)	24323 lb (11033 kg)

Lift Capacity 621E Z-Bar

	3.00 yd^3 (2.3 m^3) Bucket w/Bolt on Edge	
Full Height	16363 lb (7422 kg)	
Ground	22841 lb (10360 kg)	

Lift Capacity 621E Z-Bar- ACS Buckets with Coupler

	2.50 yd^3 (2.0 m^3) Bucket w/Bolt on Edge	
Full Height	15412 lb (6991 kg)	
Ground	20427 lb (9266 kg)	

Lift Capacity 621E Z-Bar- JRB Bucket with coupler

	2.50 yd^3 (2.0 m^3) Bucket w/Bolt on Edge	2.50 yd^3 (2.0 m^3) Bucket w/Teeth and segments
Full Height	15485 lb (7024 kg)	15384 lb (6978 kg)
Ground	18866 lb (8557 kg)	18776 lb (8517 kg)

Lift Capacity 621E Z-Bar- JRB Bucket with coupler

	3.00 yd^3 (2.3 m^3) Bucket w/Bolt on Edge	
Full Height	15018 lb (6812 kg)	
Ground	18570 lb (8423 kg)	

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521E
621E
721E
821E
921E
Wheel Loader
Joystick Steering System

Operator's Manual

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CASE CONSTRUCTION

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