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MANUAL PREVIEW

Kubota

Operator's Manual

B5200E, B6200E,
B7200E, B5200D,
B6200D & B7200D

Operator's Manual

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KU-O-B5200E+

OPERATOR'S MANUAL

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TRACTOR

MODEL B5200 • B6200 • B7200

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B5200/B6200/B7200 SERIES

2WD
Farm

4WD
Farm



F-3029



F-3028

2WD
Turf

4WD
Turf



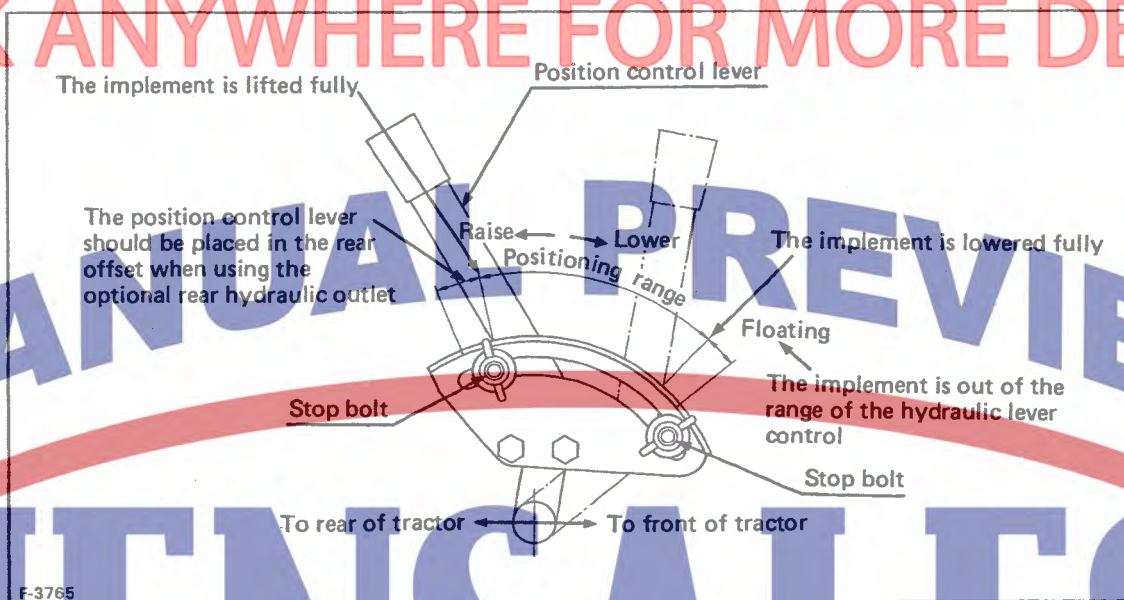
F-3136



F-3137

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■ Position Control (Standard for B6200D-B7200D only)



(Operation with position)

- (1) To raise implement, pull the lever back fully.
When the relief valve is activated, push the position control lever forward a little to prevent the system from operating at relief pressure.
- (2) To lower implement, push the lever forward.

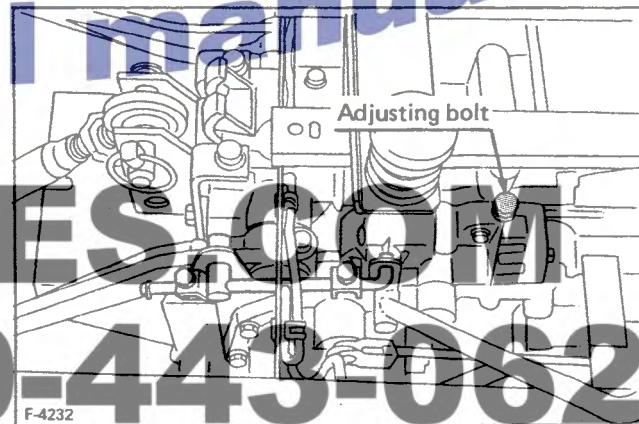
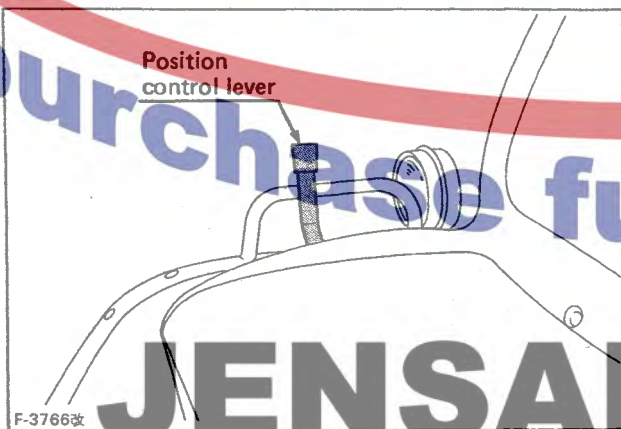


CAUTION:

- When transporting on the road, set the implement lowering control in the "lock" position to hold the implement in the raised position.

IMPORTANT:

- Note that the proper lowering speed of a rotary tiller is such that it takes two or three seconds to descend from the top position to the ground.



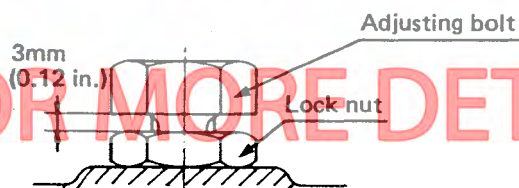
■ Implement Lowering Speed Control (B5200E-B5200D-B6200E-B7200E)

Adjust lowering speed of implement by turning the adjusting bolt on the hydraulic control valve.

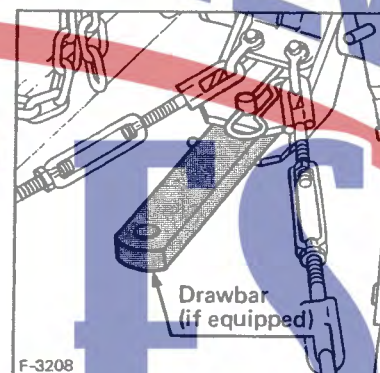
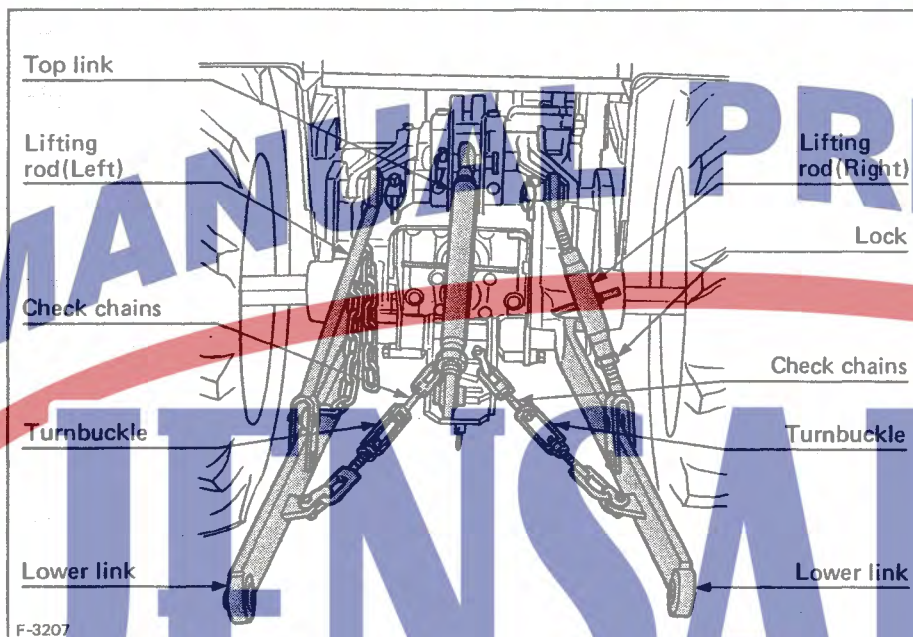
The lowering speed depends on weight of implement and operating speed.

After loosening the lock nut, turn the adjusting bolt. Turning it clockwise slows down the lowering speed while turning it counterclockwise accelerates the speed.

After adjustment, securely tighten the lock nut.



6. THREE-POINT HITCH & DRAWBAR

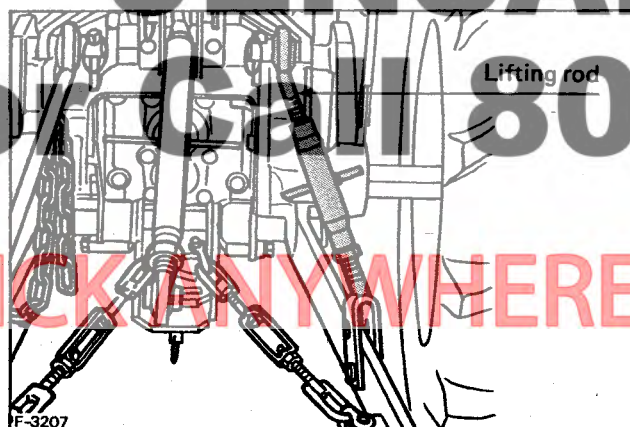


■ Adjustment of Top Link

- (1) Adjust the angle of the implement to the desired position by shortening or lengthening the Top Link.
- (2) The proper length of the top-link varies according to the type of implement being used.

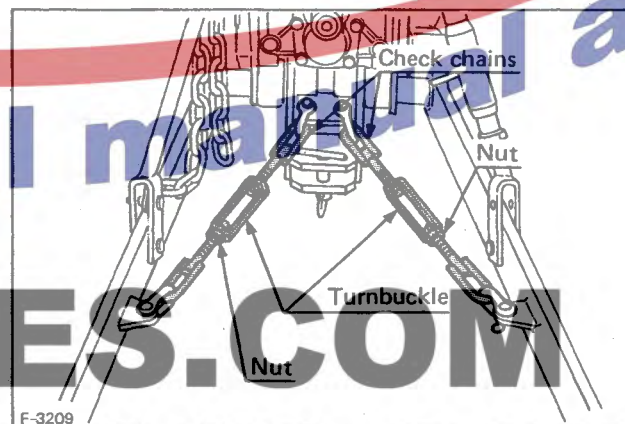
■ Adjustment of Lifting Rod

- (1) Level a 3-point mounted implement from side to side by turning the lifting rod lever to shorten or lengthen the adjustable lifting rod.
- (2) After the adjustment is completed, secure with the lock.
- (3) Correct positioning of the lifting rod to the lower link is shown below. Positioning varies according to the type of implement being used.



■ Adjustment of Check Chains

Adjust the turnbuckle to control horizontal sway of the implement.



Type of implement	Chain adjustment
Plow, Furrower, Subsoiler, Cultivator, Ditcher	Loosen until the implement can be moved 50 to 60 mm (2 to 2.5 in.) horizontally.
Rotary, Mower, Hayrake, Tedder, Ridger	Tighten

Lifting rod

Type of implement

Chain adjustment

Plow, Furrower, Subsoiler, Cultivator, Ditcher

Loosen until the implement can be moved 50 to 60 mm (2 to 2.5 in.) horizontally.

Rotary, Mower, Hayrake, Tedder, Ridger

Tighten

9. MAINTENANCE

9.1 DAILY CHECK

To prevent trouble from occurring, it is important to know the conditions of the tractor well. Check it before starting.



CAUTION:

- Be sure to check and service the tractor on a flat place with the engine shut off and the parking brake on.

- Check areas where previous trouble was experienced.
- Walking around the tractor;

- Check the tire pressure, and check for wear and damage. (See page 26)
- Check for oil and water leaks.
- Check the engine oil level. (See page 34)
- Check the amount of transmission oil. (See page 35)
- Check if there is enough fuel. (See page 33)

- Check if there is enough coolant in the radiator. (See page 38)

- Check for dust in the air cleaner dust cup. (See page 40)

- Check the tractor body for damage and check that all bolts and nuts are tight.

- Check the S.M.V. emblem for damage and clean or replace as necessary.

- While sitting in the operator's seat;

- Check the throttle pedal, brake pedals and clutch pedal. (See page 43)

- Check the parking brake.

- Check the steering wheel. (See page 43)

- Turning the key switch on;

- Check the performance of the pilot lamps.

- Check headlights, tail lights and hazard lamps, clean if necessary.

- Starting the engine;

- Check the color of the exhaust fumes.

9.2 LUBRICANTS

To prevent serious damage to hydraulic systems, use only genuine Kubota fluid or its equivalent.

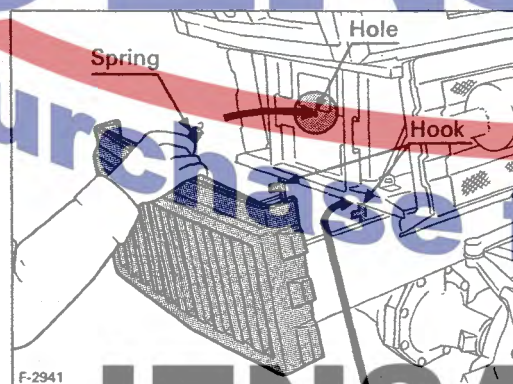
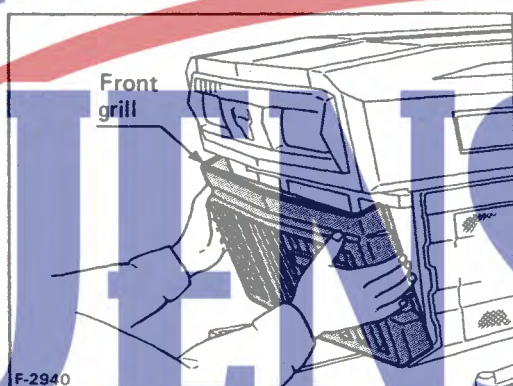
Place	Capacity	Lubricants
Engine crankcase	3.1 ℓ (3.3 U.S.qts.)	- Engine oil: API Service CC or CD - Below 0°C (32°F) SAE10W or 10W-30 0 to 25°C (32 to 77°F) SAE20 or 10W-30 - Above 25°C (77°F) SAE30 or 10W-30
Transmission	12 ℓ (12.7 U.S.qts.)	See page 48.
Front axle differential case (4WD)	B5200 0.5 ℓ (0.5 U.S.qt.) B6200 1.5 ℓ (1.6 U.S.qts.) B7200 1.5 ℓ (1.6 U.S.qts.)	Gear oil SAE80 or SAE90
Front axle gear case (Right & left) (4WD)	B5200 0.15 ℓ (0.15 U.S.qt.) B6200 0.15 ℓ (0.15 U.S.qt.) B7200 0.5 ℓ (0.5 U.S.qt.)	Gear oil SAE80 or SAE90
Steering gear box (Manual steering)	0.2 ℓ (0.2 U.S.qt.)	Gear oil SAE80 or SAE90
King pins (2WD)	moderate amount	SAE multi-purpose type grease
Center pin (2WD)		
Pedal shaft		
Clutch release hub		
Seat adjuster		

(3) To slow charge the battery connect the battery positive terminal to the charger positive terminal and the negative to the negative, then recharge in the standard fashion.

(4) A boost charge is only for emergencies. It partially charges the battery at a high rate and in a short time. When using a boost-charged battery, it is necessary to recharge the battery as early as possible after the operation has been finished. Failure to do this extremely affects the service life due to overdischarge.

Note: The front grille may be tilted forward for easy removal.

To remove the front grille, disconnect the spring and lift the grille up and away from the tractor.



CAUTION:

- To avoid accidental short circuit, be sure to attach the positive cable to the positive terminal before the ground cable is attached to the negative terminal.

IMPORTANT:

- If the tractor is to be operated for a short time without battery (using a slave battery for starting), do not, under any circumstances, interrupt the circuit by switching off the key switch before stopping the engine by means of fuel pump shut off cable. Use additional current (lights) while engine is running. Insulate terminal of battery cable before starting by means of slave battery. If this advice is disregarded, damage to alternator and regulator may result.

■ Directions for Storage

- (1) When shutting down the tractor for long periods of time, remove the battery from the tractor, adjust the electrolyte to the proper level and store in a dry place out of direct sunlight.
- (2) The battery self-discharges even while it is stored. Recharge it once a month in hot seasons and once every two months in cold seasons.

IMPORTANT:

- The tractor has been shipped with dry-type battery. Your dealer will fill it with electrolyte and charge for use for initial use.

■ Charging Dry Type Battery

- (1) Remove vent plugs and discard temporary sealing card[®] boards and tapes.
- (2) Fill each cell with electrolyte having a specific gravity given in Table 1 up to highest level marked on the battery case side.

Table 1

	AIR TEMPERATURES	
	TEMPERATE Ordinarily below 20°C (68°F)	TROPICAL Frequently above 20°C (68°F)
sp.gr. of Electrolyte for Filling	1.260	1.240
sp.gr. of Electrolyte when fully charged	1.260 to 1.275	1.240 to 1.255

- (3) After standing 2 or 3 hours correct the electrolyte to former level.
- (4) Connect positive terminal (+) of battery, with positive terminal of D.C. charging unit, and negative terminal (-) with negative terminal.
- (5) Batteries are preferably charged by current showed in Table 2. Keep vent plugs removed during charging.

Table 2

TYPE	Volts (V)	Number of plate per cell	Capacity at 20 H.R (A.H)	Volume of Electrolyte (ℓ)	Normal Charging Rate (A)
50B24L	12	13	45	2.8	4.5

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