WSM

WORKSHOP MANUAL
TRACTOR

B3200

Kubota

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GENERAL

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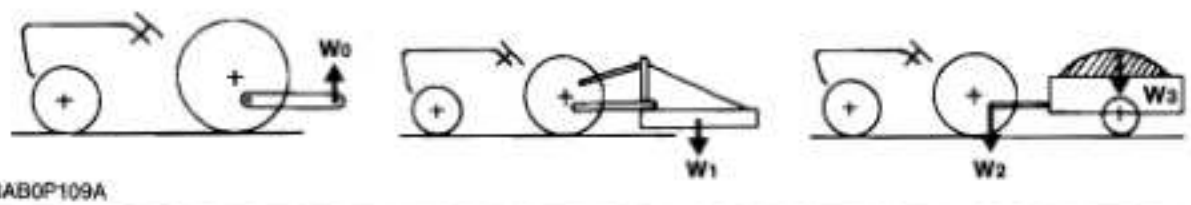
10. IMPLEMENT LIMITATIONS

The KUBOTA Tractor has been thoroughly tested for proper performance with implements sold or approved by KUBOTA. Use with implements which are not sold or approved by KUBOTA and which exceed the maximum specifications listed below, or which are otherwise unfit for use with the KUBOTA Tractor may result in malfunctions or failures of the tractor, damage to other property and injury to the operator or others. [Any malfunctions or failures of the tractor resulting from use with improper implements are not covered by the warranty.]

	Tread (max. width) with farm tires		Lower link end max. loading weight W0
	Front	Rear	
B3200	935 mm (36.8 in.)	1050 mm (41.3 in.)	360 kg (800 lbs)

	Actual figures		
	Implement weight W1 and / or size	Max. Drawbar Load W2	Trailer loading weight W3 Max. capacity
B3200	As in the following list (Shown on the next page)	500 kg (1100 lbs)	1500 kg (3300 lbs)

Lower link end max. loading capacity .....The max. allowable load which can be put on the lower link end : W0
Implement weight.....The implement's weight which can be put on the lower link : W1
Max. drawbar load W2
Trailer loading weight .....The max. loading weight for trailer (without trailer's weight) : W3

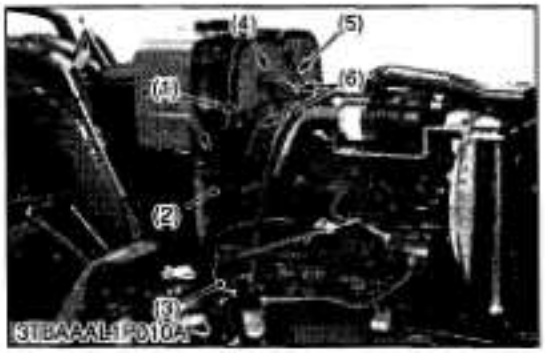


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■ **NOTE**

- **Implement size may vary depending on soil operating conditions.**

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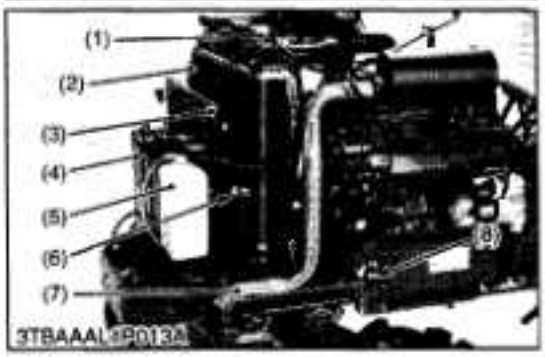


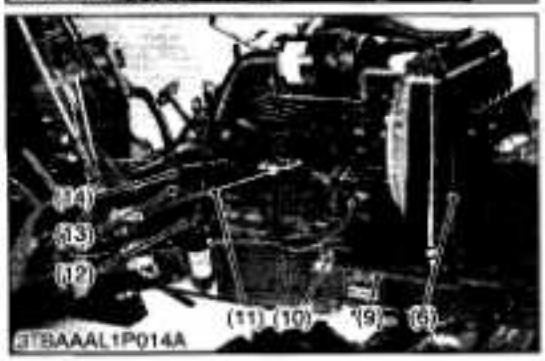
Fuel Tank and Wire Harness

1. Disconnect the fuel hose (3) at the fuel filter side, then drain fuel completely.
2. Remove the fuse box (2) and disconnect the wire harness clamp (1).
3. Remove the fuel tank frame stay bolt (4). Disconnect the overflow hoses (6) and pull out the hour meter cable (5).
4. Disconnect the lead wires for fuel gauge and disconnect the wire harness clamps.
5. Remove the fuel tank (8) with tank frame (7).
6. Disconnect the glow plug lead wire, thermo sensor lead wire, engine stop solenoid connector, engine oil pressure switch lead wire, dynamo connector and starter motor lead wire.

(1) Wire Harness Clamp
(2) Fuse Box
(3) Fuel Hose
(4) Bolt
(5) Hour Meter Cable
(6) Overflow Hose
(7) Tank Frame
(8) Fuel Tank
(9) Fuel Gauge
(10) Dynamo
(11) Engine Oil Pressure Switch
(12) Starter Motor

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Battery, Recovery Tank, Battery Stay and Hydraulic Pipes

1. Remove the battery retainer.
2. Disconnect the positive cord and remove the battery (4).
3. Remove the recovery hose (1).
4. Remove the muffler pipe (7).
5. Remove the oil cooler pipe plate spring (6).
6. Remove the battery stay (3) with oil cooler (2).
7. Remove the oil cooler pipe clamp (8), (10). Then remove the oil cooler pipe (2).
8. Disconnect the accelerator rod (11).
9. Remove the power steering delivery pipe (14).
10. Remove the pipe clamp and the disconnect the 3-point hitch delivery pipe (13) and suction hose (12).

(1) Recovery Tank Hose
(2) Oil Cooler
(3) Battery Stay
(4) Battery
(5) Recovery Tank
(6) Oil Cooler Pipe Plate Spring
(7) Muffler Pipe
(8) Clamp
(9) Oil Cooler Pipe
(10) Clamp
(11) Accelerator Rod
(12) Suction Hose
(13) 3-Point Hitch Delivery Pipe
(14) Power Steering Delivery Pipe

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1. TROUBLESHOOTING

Symptom	Probable Cause	Solution	Reference Page
Excessive Steering Wheel Play	Backlash between sector gear shaft and rack (piston) too large	Adjust	7-S5
	Steering linkage worn	Replace	–
	Sector gear shaft worn	Replace	7-S14
Tractor Pulls to Right or Left	Tire pressure uneven	Adjust	G-49
	Steering wheel play too small	Adjust	7-S5
	Improper toe-in adjustment	Adjust	6-S4
Front Wheels Vibration	Steering linkage worn	Replace	–
	Improper toe-in adjustment	Adjust	6-S4
Hard Steering	Transmission fluid improper or insufficient	Change	G-9
	Oil leak from pipe joint	Retighten	–
	Hydraulic pump malfunctioning	Replace	7-S8
	Improper relief valve adjustment	Adjust	7-S6
	Relief valve malfunctioning	Replace	7-S15
	Valve housing and sleeve malfunctioning	Replace	7-S17
	Seals in the steering gear box damaged	Replace	–
	Backlash between sector gear shaft and rack (piston) too small	Adjust	7-S5
	Air in the hydraulic pipes	Air vent	–
Low Operating Pressure	Hydraulic pump malfunctioning	Replace	7-S8
	Improper relief valve adjustment	Adjust	7-S6
	Relief valve malfunctioning	Replace	7-S15
	Seals in the steering gear box damaged	Replace	–
	Rack (piston) malfunctioning	Replace rack (piston) assembly	7-S14
	Oil leak from pipe or pipe broken	Replace	–
Steering Wheel Does Not Return to Neutral Position	Valve housing and sleeve jammed	Repair or Replace	7-S17
	Valve housing oil seal damaged	Replace	–
Steering Force Fluctuates	Insufficient oil	Replenish	G-9
	Insufficient bleeding	Bleed	–
	Valve housing and sleeve malfunctioning	Replace	7-S17
Noise	Insufficient oil	Replenish	G-9
	Air sucked in pump from suction circuit	Repair	–
	Pipe deformed	Replace	–

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