WSM

WORKSHOP MANUAL
TRACTOR

BX1800,BX2200



KiSC issued 07, 2006 A

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GENERAL

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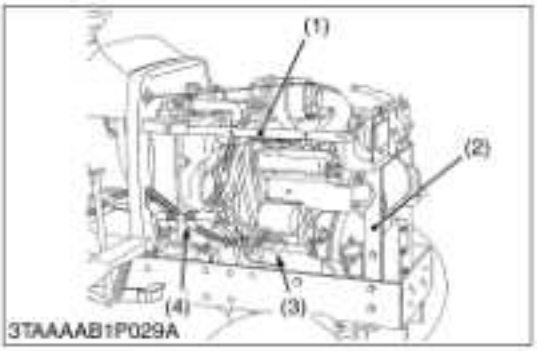
Implement		Remarks	BX1800	BX2200
Mower	Mid-Mount	Max. Cutting Width	1524 mm (60 in.)	
		Max.Weight	140 kg (309 lbs)	
	Rotary-Cutter (1 Blade)	Max. Cutting Width	1067 mm (42 in.)	
		Max.Weight	140 kg (309 lbs)	
	Rear-Mount (2 or 3 Blade)	Max. Cutting Width	1524 mm (60 in.)	
		Max.Weight	140 kg (309 lbs)	
	Flail Mower	Max. Cutting Width	1067 mm (42 in.)	
	Sickle Bar	Max. Cutting Width	1219 mm (48 in.)	
Rotary Tiller		Max. Tilling Width	1067 mm (42 in.)	
		Max. Weight	170 kg (375 lbs)	
Bottom Plow		Max. Size	305 mm (12 in.) × 1	356 mm (14 in.) × 1
Disc Plow		Max. Size	559 mm (22 in.) × 1	
Cultivator		Max. Size	1219 mm (48 in.) 1 Row	
Disc Harrow		Max. Harrowing Width	1219 mm (48 in.)	1372 mm (54 in.)
		Max. Weight	120 kg (265 lbs)	140 kg (309 lbs)
Sprayer		Max. Tank Capacity	150 L (40 U.S.gals.)	
Front Blade		Max. Cutting Width	1372 mm (54 in.)	1524 mm (60 in.)
		Sub Frame	Necessary	Necessary
Rear Blade		Max. Cutting Width	1524 mm (60 in.)	
		Max. Weight	160 kg (353 lbs)	
Front Loader		Max. Lifting Capacity	210 kg (463 lbs)	
		Max. Width	1219 mm (48 in.)	
		Sub Frame	Necessary	
Box Blade		Max. Cutting Width	1067 mm (42 in.)	
		Max. Weight	170 kg (375 lbs)	
Snow Blower (Front)		Max. Working Width	1270 mm (50 in.)	
		Max. Weight	160 kg (353 lbs)	
		Sub Frame	Necessary	
Post Hole Digger		Digging Depth	1143 mm (45 in.)	
Rotary Broom		Cleaning Width	1194 mm (47 in.)	
Trailer		Max. Load Capacity	800 kg (1764 lbs)	

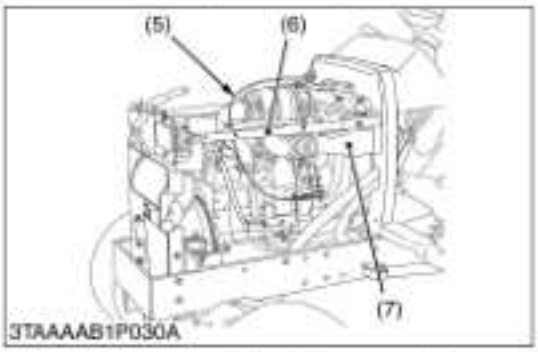
■ **NOTE**

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

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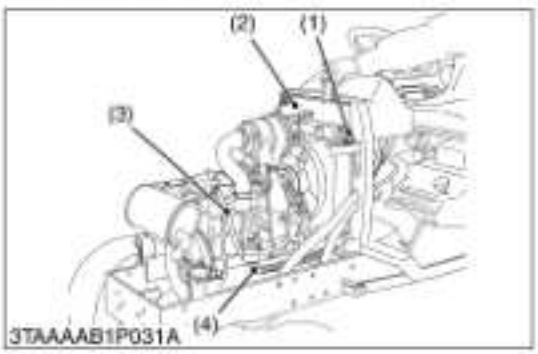


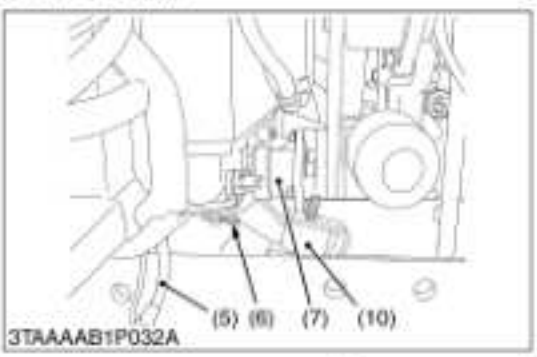
Bonnet Post, Support and Others

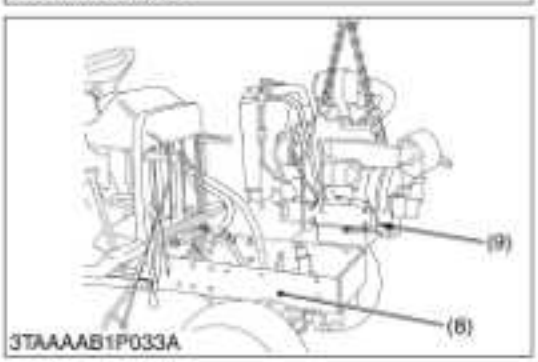
1. Disconnect the wire harness (4) and battery positive cable (3).
2. Disconnect the accelerator wire (5).
3. Remove the intake pipe (7).
4. Remove the supports (1), (6) and bonnet post (2).

(1) Support RH
(2) Bonnet Post
(3) Positive Cable
(4) Wire Harness
(5) Accelerator Wire
(6) Support LH
(7) Intake Pipe

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Engine Assembly

1. Disconnect the fuel hoses (3) and (4).
2. Remove the radiator net (2) and radiator stay (1).
3. Disconnect the battery negative cable (5), ground cable (9) and front coupling (7).
4. Remove the engine mounting nuts and radiator retaining snap pins (6).
5. Separate the engine assembly with radiator from the frame (8).

(When reassembling)

Tightening torque	Front coupling mounting screw	23.5 to 27.4 N·m 2.4 to 2.8 kgf·m 17.3 to 20.2 ft-lbs
	Engine mounting nut	48.1 N·m 4.9 kgf·m 35.4 ft-lbs
	Cushion mounting nut	48.1 N·m 4.9 kgf·m 35.4 ft-lbs

(1) Radiator Stay
(2) Radiator Net
(3) Fuel Hose
(4) Fuel Hose
(5) Battery Negative Cable
(6) Radiator Retaining Snap Pin
(7) Front Coupling
(8) Frame
(9) Ground Cable
(10) Cushion

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1. TROUBLESHOOTING

Symptom	Probable Cause	Solution	Reference Page
Implement Does Not Rise (No Noise)	• Control valve broken	Replace	5-S10
	• Control valve improperly assembled	Repair	5-S10
	• Relief valve spring damaged	Replace	5-S10
	• Spool sticks	Repair	5-S10
	• Piston O-ring or cylinder damaged	Replace	5-S12
(Noise)	• Oil filter cartridge clogged	Replace	G-13
	• Suction pipe loosen or broken	Repair or replace	–
	• Suction pipe connecting hose loosen or broken	Repair or replace	–
	• Suction pipe O-ring broken	Replace	–
	• Insufficient transmission oil	Refill	G-13
	• Relief valve setting pressure too low	Adjust or replace	5-S10
	• Hydraulic pump broken	Replace	5-S11
Implement Does Not Reach Maximum Height	• Feedback rod improperly adjusted	Adjust	5-S5
Implement Does Not Lower	• Control valve malfunctioning	Repair or replace	5-S10
Implement Drops by Its Weight	• Hydraulic cylinder worn or damaged	Replace	–
	• Piston O-ring worn or damaged	Replace	5-S12
	• Control valve malfunctioning	Replace	5-S10

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