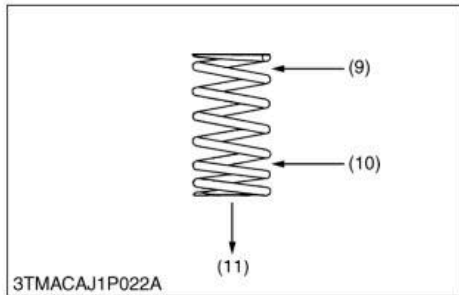
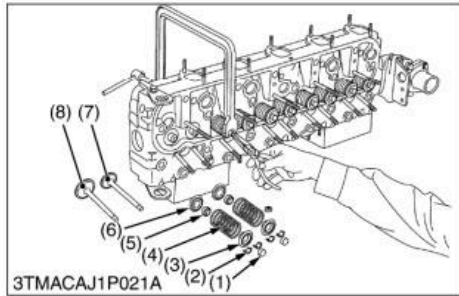


WSM

WORKSHOP MANUAL
TRACTOR

M95X, M105X, M125X

Kubota



Valves

1. Remove the valve caps (1).
2. Remove the valve spring collet (2), pushing the valve spring retainer (3) by valve spring replacer.
3. Remove the valve spring retainer (3), valve spring (4) and valve stem seal (5).
4. Remove the valve.

(When reassembling)

- Wash the valve stem and valve guide hole, and apply engine oil sufficiently.
- After installing the valve spring collets, lightly tap the stem to assure proper fit with a plastic hammer.
- Replace the valve spring with its smaller-pitch end downward.

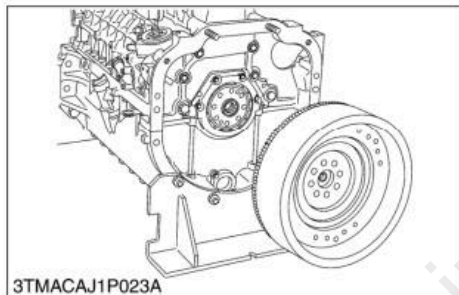
■ IMPORTANT

- **Do not change the combination of valve and valve guide.**

- | | |
|---------------------------|--|
| (1) Valve Cap | (8) Inlet Valve |
| (2) Valve Spring Collet | (9) Larger Pitch |
| (3) Valve Spring Retainer | (10) Smaller Pitch |
| (4) Valve Spring | (11) Install the Spring with its Smaller-pitch End Downward (at the Head Side) |
| (5) Valve Stem Seal | |
| (6) Valve Washer | |
| (7) Exhaust Valve | |

W1051243

(3) Flywheel and Oil Pan



Flywheel

1. Remove eight screws and take out the flywheel.

(When reassembling)

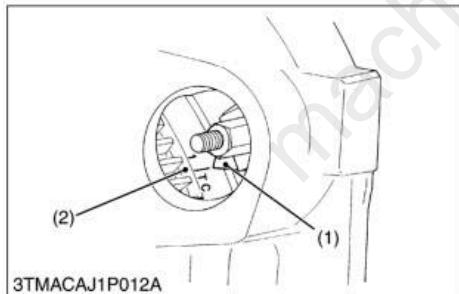
- Put the No. 1 cylinder to T.D.C., and assemble the flywheel by matching the flywheel's mating mark (1TC) to the timing plate (1) inside the flywheel housing.

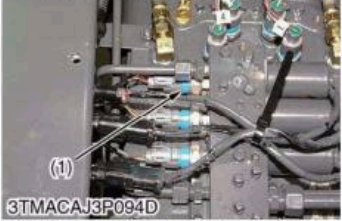
Tightening torque	Flywheel screw	98.1 to 107.9 N·m 10.0 to 11.0 kgf·m 72.3 to 79.6 lbf·ft
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(1) Timing Plate

(2) Flywheel Mating Mark

W1051522



Indication			Cause	Remarks (Emergency Solution etc.)	Reference page
Shift Indication	Neutral Lamp	Alarm Buzzer			
Blinking n		Three times continuous alarm sound	Pressure switch for master clutch does not turn ON . <ul style="list-style-type: none"> • Pressure switch failure. • System pressure too much low  <p>3TMACAJ3P094D (1) Pressure Switch (Master Clutch)</p>	This problem occurs when moving the tractor by operating clutch pedal, shuttle lever or main shift button. In this case tractor can not be operated.	9-S28 9-S9 to S15
Blinking n			Engine stalls. It is normal for blinking n to come on when the engine stalls.	Turn the main switch OFF and restart the engine.	–



Air Bleeding

■ **NOTE**

• **While bleeding, make sure to keep enough brake oil in the brake oil reservoir.**

1. Disconnect the brake pipes (1) from the master cylinder.
2. Move the brake pedal up and down by hand. At this time, when raising the pedal, close the master cylinder outlet by a finger, and when lowering, release the finger.
Repeat this operation several times. (Prepare and oil can.)
3. After bleeding the master cylinder, install the front brake pipes.
4. After installing the vinyl pipe (3) to the bleeder (2) loosen the bleeder two turns.
5. Move the brake pedal up and down.
Repeat this motion until air bubble in brake oil disappears.
After bleeding, tighten the bleeders firmly.

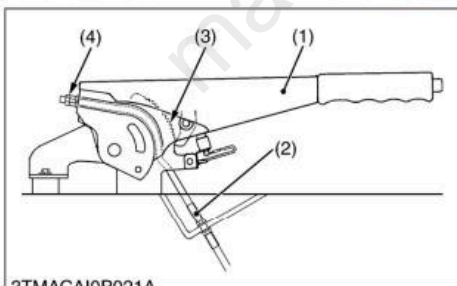
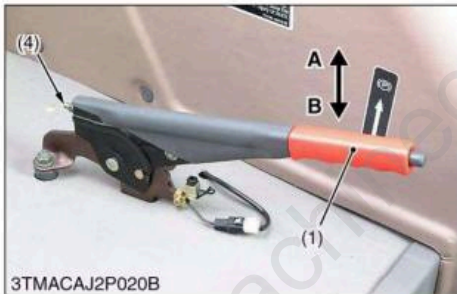
Tightening torque	Brake pipe nut	16.0 to 24.0 N·m
		1.6 to 2.5 kgf·m
		11.8 to 17.7 lbf·ft

(Reference : Importance of Bleeding)

- If the air mixes in the brake hydraulic circuit, poor or no braking force is obtained due to compress the air even when the brake pedal is pressed.
Accordingly whenever the hydraulic brake system is disassembled, be sure to bleed after reassembling.

- (1) Brake Pipe (3) Vinyl Pipe
(2) Bleeder (on Brake Case)

W1013107



Adjusting Parking Brake Lever Free Play

1. Release the parking brake lever.
2. Pull the parking brake lever with a force of 30 kg (66.2 lbs) for checking the free play and check the number of notches (3).
3. If the number of notches is not within the factory specifications, loosen the lock nuts (4) and adjust the length of the parking brake wire (2).
4. After adjustment, tighten the lock nuts firmly.

Parking brake lever play (number of notches)	Factory specification	2 notches
--	-----------------------	-----------

■ **IMPORTANT**

• **After adjustment, check the parking brake performance according to steps 1 to 5.**

1. Set the parking brake lever to below 7th notch.
2. Start the engine and set at the idling speed.
3. Shift the travelling speed to the maximum speed range.
4. Release the clutch pedal slowly, and check that the engine is stopped.
5. If the engine is not stopped, check the parking brake pad and brake plate. (See page 5-S12.)

- (1) Parking Brake Lever A : Pull
(2) Parking Brake Wire B : Release
(3) Notch
(4) Lock Nut

W1013457

(2) Checking Fuse and Ground Wire



Fuses

1. Remove the left lower rear bonnet.
2. Check the fuses 5 A for circuit line (1) and 10 A for load line (2) related to power shift inside the fuse box and the fuse 10 A of the meter panel (3).
3. If any of the fuses is blown, replace it with the one having same capacity.

■ IMPORTANT

- If a fuse is blown, check the cause and be sure to replace it with the one having same capacity.

		Switch (T/M Control)	5A			A/C Fan Motor (Left)	20A
		T/M Controller	10A			A/C Fan Motor (Right)	20A
		Switch (Hitch Control)	5A	15A	Work Light (Front Outside)	A/C Compressor	10A
	20A	Defogger	Hitch Controller	10A	15A	Work Light (Front Inside)	Brake, Tail Lamp Spotlight
	15A	Electrical Outlet	Panel	10A	10A	Head Lamp (Left)	Hazard, Horn
	15A	Ciger Lighter	4WD, Bi-speed Difflock	10A	10A	Head Lamp (Right)	Dome Light, Radio
	5A	Radio	Engine Control PTO Valve	5A	10A	Beacon (Option)	Fuel Control Motor
	5A	A/C (Fan Control)	Turn Signal	10A	15A	Work Light (Rear)	Heater Relay
	15A	Wiper			10A	Side Lamp	T/M Controller
	5A	Starter Relay	Display	5A	15A	Work Light (Option)	Hitch Controller

3TMACAJP073B

- (1) Fuse (5 A) Power Source for Circuit Line
- (2) Fuse (10 A) Power Source for Load Line
- (3) Meter Panel Fuse (10 A)

W1036621

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Kubota M125X Tractor Workshop Manual

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