

WSM

WORKSHOP MANUAL
TRACTOR

MX5100

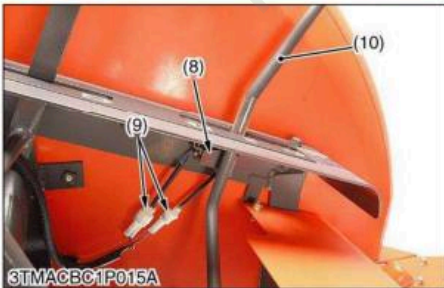
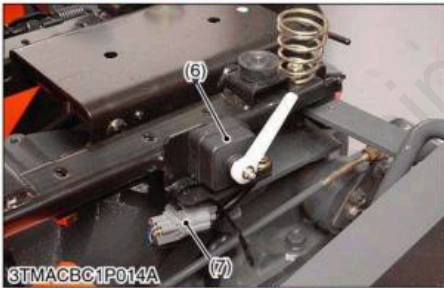
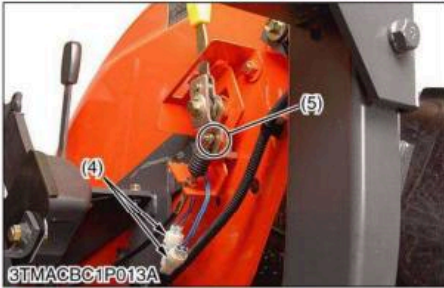
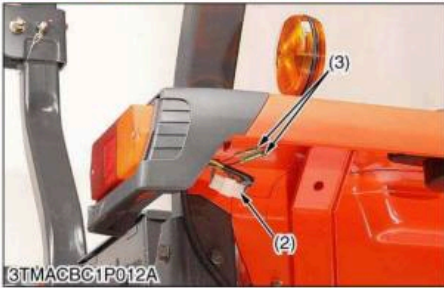
Kubota

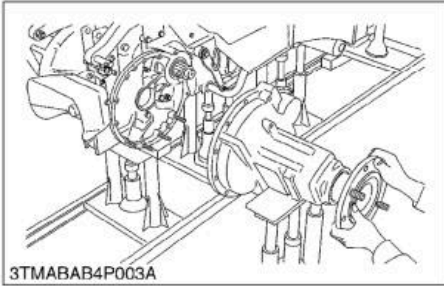
Disconnecting Wirings 2

1. Remove the seat (1).
2. Disconnect the **4P** rear combination lamp connector (2) and the hazard lamp leads (3).
3. Disconnect the **2P** connectors (4) from the PTO lever neutral switch.
4. Disconnect the **3P** connector (7) from the seat switch (6).
5. Disconnect the **2P** connectors (9) from the shuttle shift neutral switch (8).

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|---|----------------------------------|
| (1) Seat | (6) Seat Switch |
| (2) 4P Rear Combination Lamp Connector | (7) 3P Connector |
| (3) Hazard Lamp Lead | (8) Shuttle Shift Neutral Switch |
| (4) 2P Connector | (9) 2P Connector |
| (5) PTO Lever Neutral Switch | (10) Synchro-Shuttle Shift Lever |

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Rear Axle Case

1. Place the disassembling stand under the rear axle case.
2. Remove the rear axle mounting screws and nuts.
3. Separate the rear axle case from brake case.

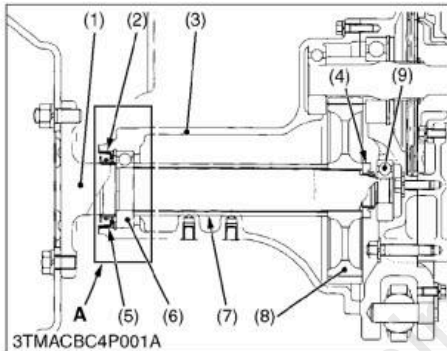
(When reassembling)

- Apply liquid gasket (Three Bond 1208D or equivalent) to joint face of the rear axle case and brake case, after eliminate the water, oil and stuck liquid gasket.

Tightening torque	Rear axle case mounting screw and nut	M10 screws	48.1 to 55.9 N-m 4.9 to 5.7 kgf-m 35.4 to 41.2 lbf-ft
		M10 nuts	60.8 to 70.5 N-m 6.2 to 7.2 kgf-m 44.9 to 52.1 lbf-ft
		M12 screws and nuts	77.5 to 90.2 N-m 7.9 to 9.2 kgf-m 57.1 to 66.5 lbf-ft
		Stud bolts	24.5 to 31.4 N-m 2.5 to 3.2 kgf-m 18.1 to 23.1 lbf-ft

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(2) Disassembling Rear Axle



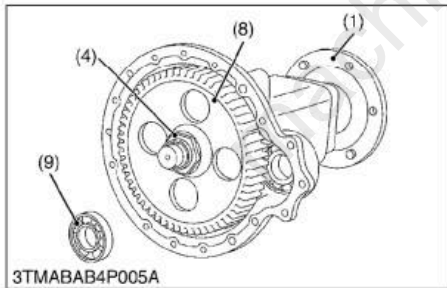
Rear Axle

1. Remove the ball bearing (9) with a puller.
2. Remove the stake of lock nut (4).
3. Secure the rear axle (1) in a vise and remove the lock nut.
4. Take out the gear (8) and spacer (7).
5. Tap out the rear axle (1).

(When reassembling)

- Apply grease to the oil seal (2) and install it.
- Replace the lock nut with new one, and after tightening it to specified torque, stake it firmly.
- Assemble the oil seal (2) with correct direction. (See figure above **A** portion.)

Tightening torque	Lock nut	196 to 245 N-m 20 to 25 kgf-m 145 to 181 lbf-ft
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| (1) Rear Axle | (7) Spacer |
| (2) Oil Seal | (8) Gear (67T) |
| (3) Rear Axle Case | (9) Ball Bearing |
| (4) Lock Nut | |
| (5) Internal Snap Ring | |
| (6) Ball Bearing | |

A : Rear Axle Case Oil Seal and Ball Bearing Portion

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Steering Wheel, Meter Panel and Rear Bonnet



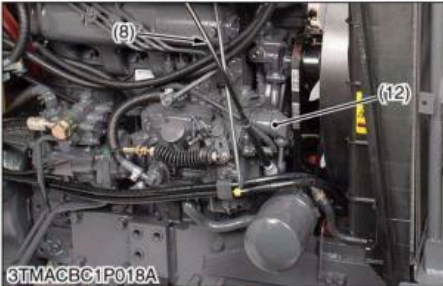
1. Remove the steering wheel cap.
2. Remove the steering wheel mounting nut and remove the steering wheel (1) with a steering wheel puller.
3. Remove the accelerator lever grip (4).
4. Remove the rubber steering cover.
5. Disconnect the hour meter cable (8) from the engine gear case.
6. Remove the meter panel mounting screws.
7. Disconnect the connector and the hour meter cable from the meter panel.
8. Remove the rear bonnet mounting screws.
9. Disconnect the connectors.
10. Remove the rear bonnets (3), (6).

(When reassembling)

- Do not damage the plastic parts.



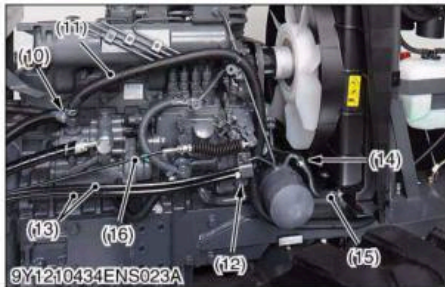
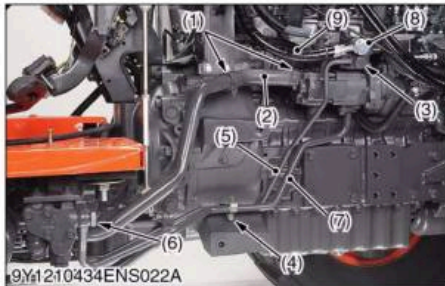
Tightening torque	Steering wheel mounting nut	48.0 to 55.9 N·m 4.9 to 5.7 kgf·m 35.4 to 41.2 lbf·ft
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|---------------------------------|---------------------------|
| (1) Steering Wheel | (7) Screw |
| (2) Meter Panel | (8) Hour Meter Cable |
| (3) Rear Bonnet (RH) | (9) Wiring |
| (4) Accelerator Lever Grip | (10) Hook |
| (5) Steering Wheel Mounting Nut | (11) Screw |
| (6) Rear Bonnet (LH) | (12) Engine Stop Solenoid |

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Hydraulic Pipe and Accelerator Wire

1. Slide the hose bands (1) and disconnect the inlet hose (2) from the hydraulic pump.
2. Remove the joint screw (3) and the pipe clamp (4).
3. Disconnect the PTO clutch delivery pipe (5) from the regulator valve.
4. Remove the joint screw (6), the 3-point delivery pipe mounting screws and the 3-point delivery pipe (7).
5. Remove the joint screw (8) and the steering hose (9).
6. Slide the hose bands (10) and disconnect the oil cooler hose (11) from the hydraulic pump.
7. Remove the holder (12) and the steering hoses (13) from the engine.
8. Slide the hose bands (14) and disconnect the drain hose (15) from oil filter.
9. Loosen the lock nuts and remove the snap pin and disconnect the accelerator wire (16).

(When reassembling)

Tightening torque	Joint screw for PTO clutch delivery pipe	35 to 39 N·m 3.5 to 4.0 kgf·m 26 to 28 lbf·ft
	Joint screw for 3-point delivery pipe	49 to 58 N·m 5.0 to 6.0 kgf·m 37 to 43 lbf·ft
	Joint screw for steering hose	49 to 58 N·m 5.0 to 6.0 kgf·m 37 to 43 lbf·ft

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|--|--|
| (1) Hose Band (for Inlet Hose) | (8) Joint Screw (for Steering Hose) |
| (2) Inlet hose | (9) Steering Hose (for Hydraulic Pump) |
| (3) Joint Screw (for PTO Clutch Delivery Pipe) | (10) Hose Band (for Oil Cooler Hose) |
| (4) Pipe Clamp | (11) Oil Cooler Hose |
| (5) PTO Clutch Delivery Pipe | (12) Holder (for Steering Hose) |
| (6) Joint Screw (for 3-Point Delivery Pipe) | (13) Steering Hose |
| (7) 3-Point Delivery Pipe | (14) Hose Band (for Oil Filter) |
| | (15) Drain Hose |
| | (16) Accelerator Cable |

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Disconnecting Front Wheel Drive Shaft Coupling

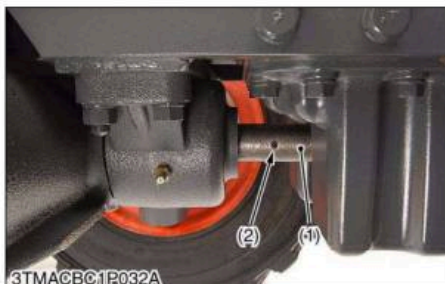
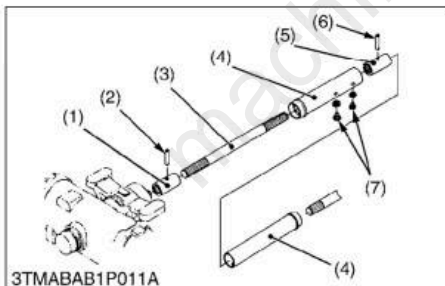
1. Remove the propeller shaft cover mounting screws (7).
2. Slide the propeller shaft cover (4).
3. Remove the spring pin (2), (6).
4. Disconnect the coupling (1), (5) from the front axle drive shaft.

(When reassembling)

- Apply grease to the splines of propeller shaft 1 (3).

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|---------------------------|----------------|
| (1) Coupling | (5) Coupling |
| (2) Spring Pin | (6) Spring Pin |
| (3) Propeller Shaft 1 | (7) Screw |
| (4) Propeller Shaft Cover | |

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Full Version Available

Kubota MX5100 Tractor Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.

VIEW THE FULL MANUAL

<https://machinecatalogic.com/kubota-mx5100-tractor-workshop-manual/>