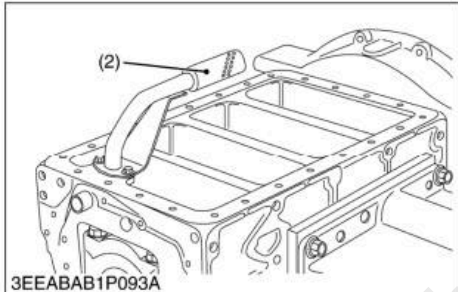
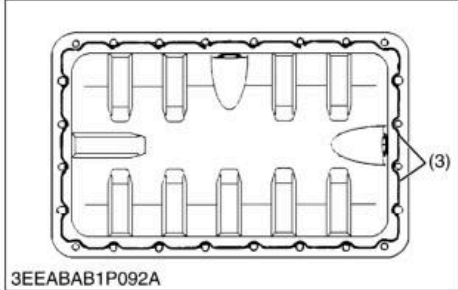
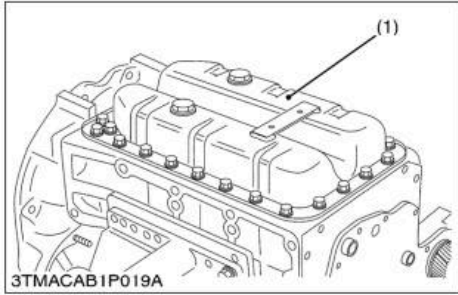


WSM

WORKSHOP MANUAL
TRACTOR

M95S, M105S

Kubota

(11) Piston and Connecting Rod**Oil Pan and Oil Strainer**

1. Unscrew the oil pan mounting screws and remove the oil pan (1).
2. Unscrew the oil strainer mounting screw, and remove the oil strainer (2).

(When reassembling)

- Install the oil strainer, using care not to damage the O-ring.
- Apply liquid gasket (Three Bond 1217D) to the oil pan as shown in the figure.
- Confirm that the liquid gasket coating surface is free of water, dust and oil in order to maintain sealing effect.
- Carefully apply the adhesive evenly.

■ NOTE

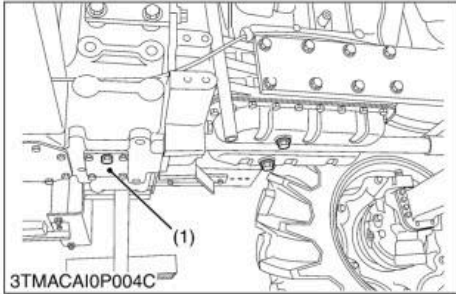
- **When mounting the adhesive-applied parts, take care to fit them to the mating parts.**
- **Assemble the adhesive-applied parts within 10 minutes.**
- **To avoid uneven tightening, tighten mounting screws in diagonal order from the center.**
- **After cleaning the oil strainer, install it.**
- **Attach the oil pan with its central drain plug facing toward the air suction side.**

(1) Oil Pan

(3) Liquid Gasket

(2) Oil Strainer

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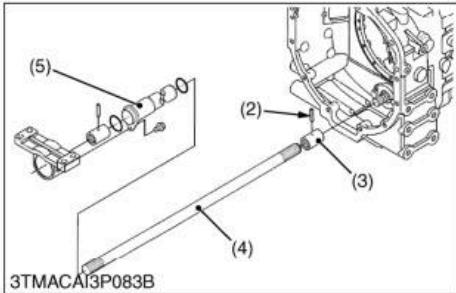


Propeller Shaft

1. Remove the clutch housing under cover (1).
2. Tap out the spring pin (2) and then slide the coupling (3) to the front.

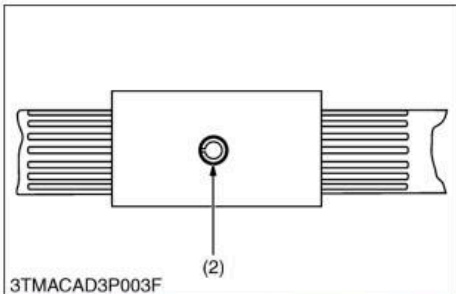
(When reassembling)

- Apply grease to the splines of coupling (3).
- Be sure to assembling the coupling after assemble the engine and clutch housing case.
- Tap in the spring pins (2) as shown in figure.
- Apply liquid gasket (Three Bond 1208D, 1206D or equivalent) to joint face of under cover and clutch housing case.



- | | |
|-----------------|---------------------------|
| (1) Under Cover | (4) Propeller Shaft |
| (2) Spring Pin | (5) Propeller Shaft Cover |
| (3) Coupling | |

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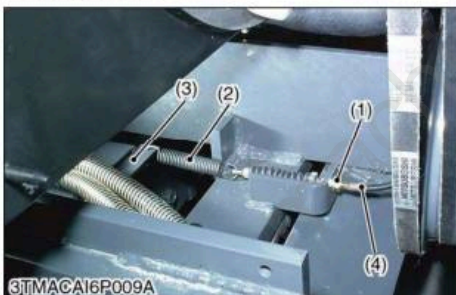


Differential Lock Spring

1. Loosen the lock nut (1) and disconnect spring (2) from differential lock lever (3).

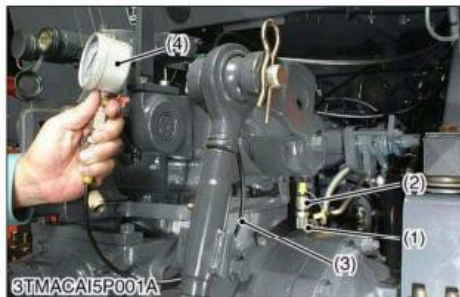
(When reassembling)

- Be sure to fix the front edge of differential lock cable at the center of thread.



- | | |
|--------------|-----------------------------|
| (1) Lock Nut | (3) Differential Lock Lever |
| (2) Spring | (4) Differential Lock Cable |

W1029357



Brake Oil Level Switch

1. See page 9-S39.

W1013715

Brake Test

1. Remove the bleeder from brake case and set the hydraulic brake adaptor (Code No. 07916-52970) (1), joint (Code No. 07916-50401) (2), cable (Code No. 07916-50331) (3) and pressure gauge (Code No. 07916-52961) (4).
2. Set the pedal fixing plate between the pedal and pedal stopper after depressing the brake pedal to reach the pressure between 2.94 to 3.24 MPa (30 to 33 kgf/cm², 426.7 to 469.4 psi).
3. Read the pressure **P** after 1 minute.
4. After reading the pressure **P**, wait another 5 minutes to read the pressure **P'** and check the pressure drop. The pressure drop should be within $P \times 0.1$ MPa ($P \times 0.1$ kgf/cm², $P \times 0.1$ psi).
5. If the pressure drop is too big, attach the pressure gauge to equalizer (brake pipe rear end) and master cylinder (brake pipe front end) to find out the problem area.



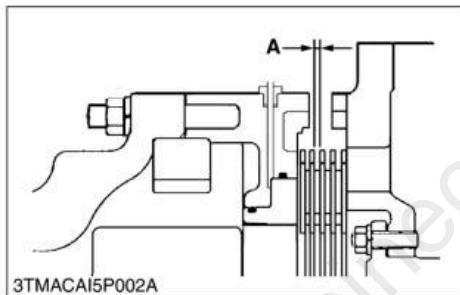
CAUTION

- If the air is in the master cylinder, brake pipe and case, bleed the air completely.

(1) Hydraulic Brake Adaptor
(2) Joint

(3) Cable
(4) Pressure Gauge

W1013769



Brake Disc Thickness

1. Remove the checking plug of brake disc thickness at brake case.
2. Press the brake pedal and measure the clearance **A** between two brake discs by the thickness gauge.
3. If the measurement is less than the allowable limit, replace the brake disc.

Clearance between two brake discs (A)	Allowable limit	3.3 mm 0.13 in.

A: Clearance between two brake discs

W1014210

LIGHTING SYSTEM

Symptom	Probable Cause	Solution	Reference Page
Head Light Does Not Light	Fuse blown	Replace	G-41
	Bulb blown	Replace	–
	Wiring harness disconnected or improperly connected (between main switch B terminal and combination switch B1 terminal, between combination switch 1 terminal and head light, between combination switch 2 terminal and head light)	Repair or replace	9-S29
Illumination Light Does Not Light	Fuse blown	Replace	G-41
	Bulb blown	Replace	G-40
	Wiring harness disconnected or improperly connected (between combination switch T terminal and panel board)	Repair or replace	–
Tail Light Does Not Light	Fuse blown	Replace	G-41
	Wiring harness disconnected or improperly connected (between combination switch T terminal and tail light)	Repair or replace	–
Hazard Light Does Not Light	Fuse blown	Replace	G-41
	Bulb blown	Replace	–
	Flasher unit defective	Replace	9-S32
	Hazard switch defective	Replace	9-S31
	Turn signal switch defective	Replace	9-S30
Hazard and Turn Signal Indicator Lamp Does Not Light	Bulb blown	Replace	–
	Wiring harness disconnected or improperly connected	Repair or replace	–
Hazard and Turn Signal Light Does Not Go ON and OFF	Flasher unit defective	Replace	9-S32
Work Light Does Not Light	Fuse blown	Replace	G-41
	Bulb blown	Replace	–
	Wiring harness disconnected or improperly connected (between starter motor B terminal and work light)	Repair or replace	–

W1011496

Full Version Available

Kubota M105S 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

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