

# WSM

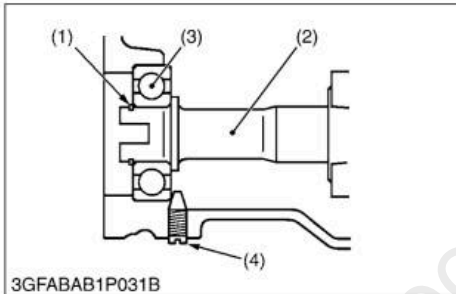
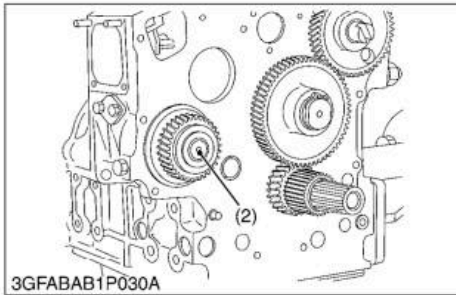
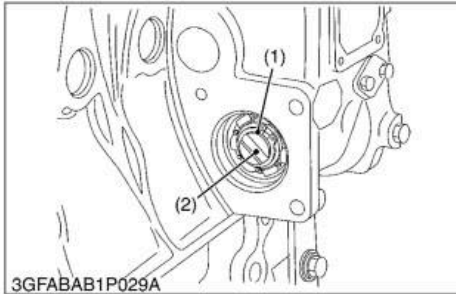
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WORKSHOP MANUAL  
TRACTOR

**B2320HSD, B2920HSD**

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**Kubota**



### Governor Shaft

1. Remove the external snap ring (1) from the governor shaft (2).
2. Pull out the governor shaft (2).

#### (When reassembling)

- Make sure assembling the external snap ring of the governor shaft.
- Check the governor shaft for smooth rotation.

#### ■ IMPORTANT

- When replacing the ball bearing of governor shaft, securely fit the ball bearing (3) to the crankcase, apply an adhesive (Three Bond 1324B or equivalent) to the set screw (4), and fasten the screw until its tapered part contacts the circumferential end of the ball bearing.

- (1) External Snap Ring  
(2) Governor Shaft

- (3) Ball Bearing  
(4) Set Screw

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### (3) Separating Center Frame and Transmission Assembly

#### Draining Transmission Fluid

1. Refer to page 3-S14.

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#### Battery Cord

1. Open the bonnet (1) and remove the front grille.
2. Disconnect the battery negative cord (2).

#### ■ NOTE

- When disconnecting the battery cords, disconnect the grounding cord first. When connecting, the positive cord first.

(1) Bonnet

(3) Battery Negative Cord

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#### ROPS and Three Point Hitch

1. Remove the upper frame mounting bolts and nuts, then remove the upper frame (1).
2. Disconnect the wire harness and remove the tail lamps (7).
3. Remove the top link (3) and lift rods (4).
4. Remove the lower link (6) and the collars from the three point hitch shaft (5).
5. Remove the lower frames (2).

Tightening torque	ROPS mounting bolt (M12)	90 to 95 N·m 9.2 to 9.6 kgf·m 67 to 70 lbf·ft
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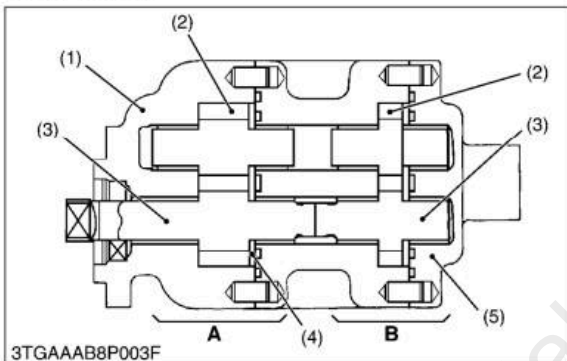
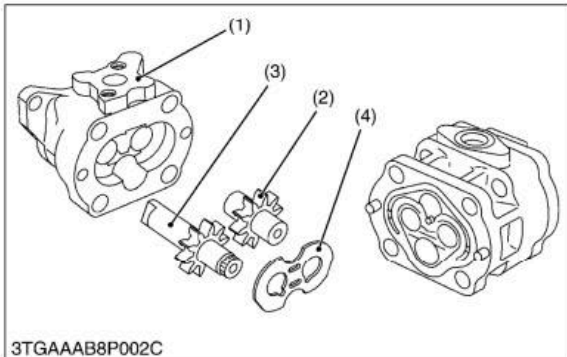


- (1) Upper Frame
- (2) Lower Frame
- (3) Top Link
- (4) Lift Rod

- (5) Three Point Hitch Shaft
- (6) Lower Link
- (7) Tail Lamp

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## 2. HYDRAULIC PUMP



The hydraulic pump is composed of the casing (1), cover (5), side plate (4), and two spur gears (drive gear (3) and driven gear (2)) that are in mesh.

Hydraulic pump is driven by the fuel camshaft.

Maximum displacement is as follows.

### Hydraulic pump (for Power Steering)

Displacement	Engine speed	Condition
13.5 L/min. 3.57 U.S.gal/min. 2.97 Imp.gal/min.	At 2800 min <sup>-1</sup> (rpm)	at no load

### Hydraulic pump (for 3P)

Displacement	Engine speed	Condition
17.9 L/min. 4.73 U.S.gal/min. 3.94 Imp.gal/min.	At 2800 min <sup>-1</sup> (rpm)	at no load

- (1) Casing
- (2) Driven Gear
- (3) Drive Gear
- (4) Side Plate
- (5) Cover

**A : Pump for Three Point Hydraulic System**  
**B : Pump for Power Steering**

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# Full Version Available

Kubota B2320HSD 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-b2320hsd-tractor-workshop-manual/>