

# WSM

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WORKSHOP MANUAL

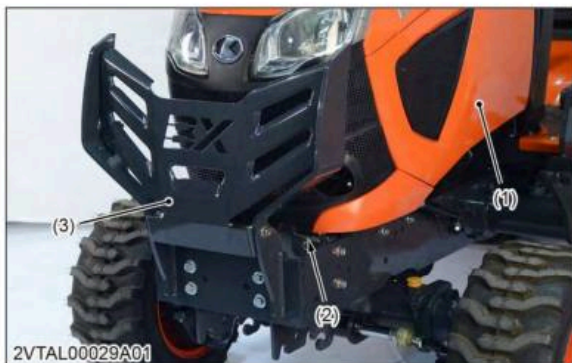
**TRACTOR, FRONT LOADER,  
BACKHOE, ROTARY MOWER**

**BX23S-AU, LA340AU,  
BT603, RCK54D, RCK60D,  
RCK54, RCK60B**

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**Kubota**

### 5.1.3 Removing bonnet



(1) Bonnet (3) Front guard  
(2) Bonnet bracket

1. Remove the front guard (3).
2. Open the bonnet.
3. Disconnect the headlight harness from the headlights and bonnet.
4. Disconnect the bonnet guide rod from the bonnet.
5. Disconnect the L.H. and R.H. bonnet brackets (2) from the frame.
6. Remove the bonnet (1).



(5) Stop solenoid (6) Glow plug

### 5.1.4 Disconnecting wiring harness and ground cables

1. Disconnect the starter connector and cable (1), oil pressure switch (2), alternator connector and cable (3) and coolant temperature switch (4).

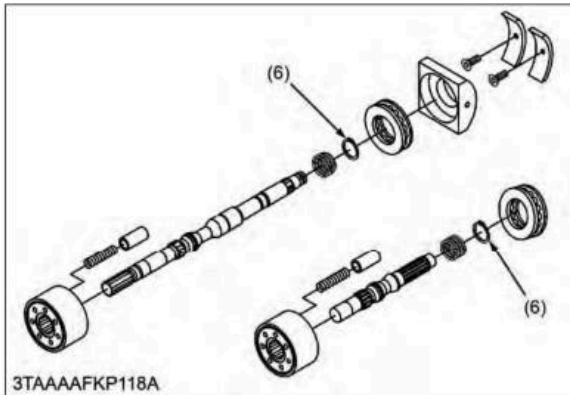


(1) Starter connectors (4) Coolant temperature switch  
(2) Oil pressure switch  
(3) Alternator connectors

2. Disconnect the stop solenoid (5) and glow plug wire (6).

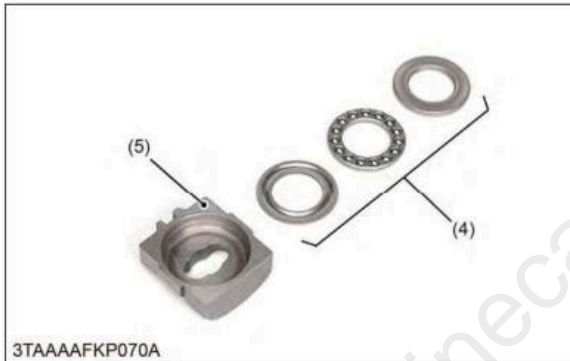
4. TRANSAXLE

1. Remove the circlip (6) from the pump shaft (3) and the motor shaft (1).



(6) Circlip

2. Remove the thrust bearing (2).
3. Remove the swashplate (5) and the thrust roller bearing (4).



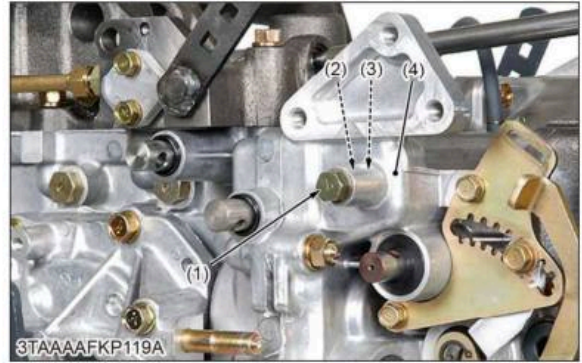
(4) Thrust roller bearing (5) Swashplate

**(When reassembling)**

- Apply clean transmission oil to the cradle bearing and the trunnion arm.
- Hold the slot guide with a minus screw driver.
- Apply clean transmission oil to the thrust roller bearing.

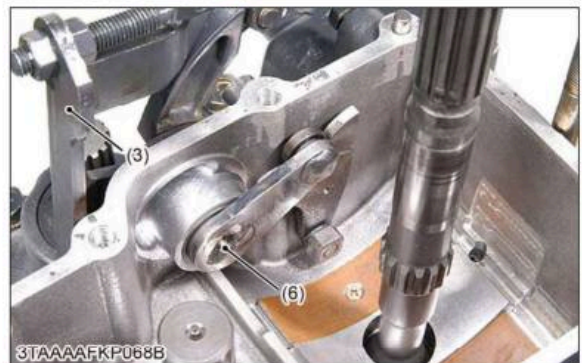
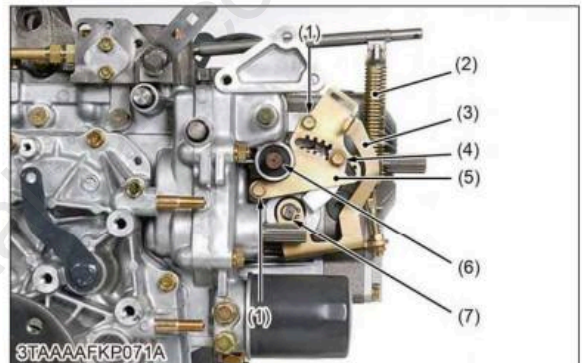
**5.2.10 Removing 4WD detent ball**

1. Remove the 4WD detent bolt (1), the detent spring (2) and the detent ball (3) before removing the transaxle front case, not to drop the detent ball (3) into the transaxle case.



(1) 4WD detent bolt (2) Detent spring (3) Detent ball (4) Transaxle front case

**5.2.11 Removing neutral arm and trunnion arm**



(1) Bolt (2) Neutral spring (3) Neutral arm (4) Lock screw (5) Neutral adjuster (6) Trunnion arm (7) External circlip

1. Disconnect the neutral spring (2) from the HST front cover.
2. Loosen the neutral adjuster (5).
3. Remove the external circlip (7).
4. Remove the bolts (1).

# 7. HYDRAULIC SYSTEM

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# 10. FRONT LOADER

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# Full Version Available

Kubota RCK54 Rotary Mower 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-rck54-rotary-mower-workshop-manual/>