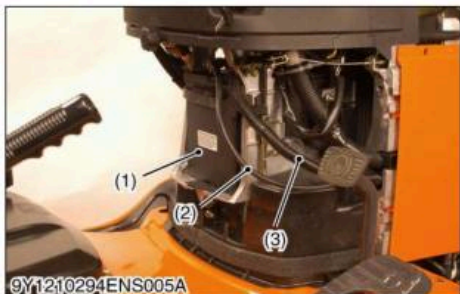


WSM

WORKSHOP MANUAL

G23, G26

Kubota



Battery Cables and Battery



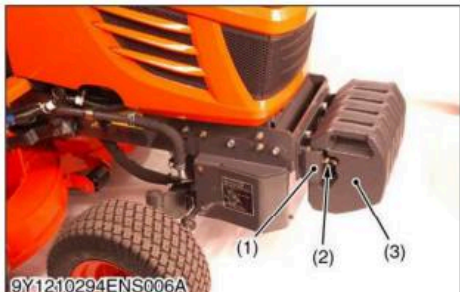
CAUTION

- When disconnecting the battery cables, disconnect the negative cable from the battery first. When connecting, connect the positive cable to the battery first.

1. Remove the under panel.
2. Disconnect the negative cable (2) from the battery (1).
3. Disconnect the positive cable (3) from the battery (1) and remove the battery (1).

- | | |
|--------------------|--------------------|
| (1) Battery | (3) Positive Cable |
| (2) Negative Cable | |

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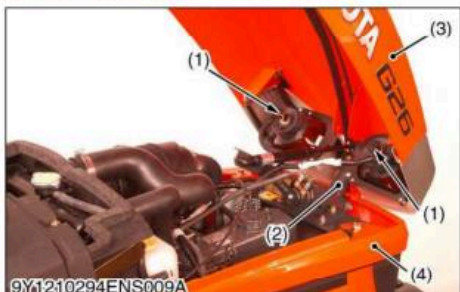


Removing Front Weight

1. Loosen the front weight mounting bolts (2).
2. Remove the front weight (3).
3. Remove the front weight bracket (1).
4. Remove the hydraulic hose cover (4).

- | | |
|-----------------------|--------------------------|
| (1) Front Weight Bolt | (3) Front Weight |
| (2) Front Weight Bolt | (4) Hydraulic Hose Cover |

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Bonnet and Under Cover

1. Open the bonnet (3) and then loosen the knob bolts and pull forward to remove the under cover (4).
2. Disconnect the connectors (1) for head light and remove the bonnet bracket (2) with bonnet.

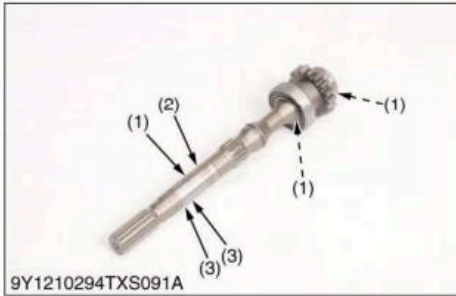
- | | |
|--------------------|-----------------|
| (1) Connector | (3) Bonnet |
| (2) Bonnet Bracket | (4) Under Cover |

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1. TROUBLESHOOTING

HYDROSTATIC TRANSMISSION

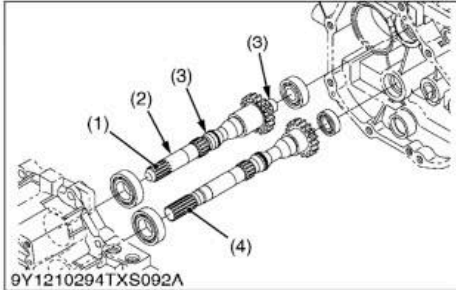
Symptom	Probable Cause	Solution	Reference Page	
System Will Not Operate in Either Direction	Oil level is low	Check oil level or fill oil to proper level	G-19	
	Speed control pedal linkage defective	Repair linkage	2-S8, 2-S17	
	Charge pressure is too low		Solution order 1. Replace oil filter cartridge	G-22
			2. Check charge pressure	2-S8
			3. Inspect or flush charge relief valve	2-S38
	Check and high pressure relief valve does not move smoothly	Inspect or replace check and high pressure relief valve	2-S38	
	Component parts is defective	Replace hydrostatic transmission assembly	2-S23	
Vibration and Noise	Oil level is too low	Check oil level or fill oil to proper level	G-19	
	Speed control pedal linkage defective	Repair linkage	2-S8, 2-S17	
	Charge pressure is too low		Solution order 1. Replace oil filter cartridge	G-22
			2. Check charge pressure	2-S8
			3. Inspect or flush charge relief valve	2-S38
	Check and high pressure relief valve does not move smoothly	Inspect or replace check and high pressure relief valve	2-S38	
	Component parts is defective	Replace hydrostatic transmission assembly	2-S23	

**HST Pump Shaft**

1. Check the seal surface (2), the bearing surface (1), and the O-ring surface (3).
2. If the pump shaft is rough or grooved, replace it.
3. If the ball bearing or the needle bearing is worn, replace it.

- | | |
|---------------------|--------------------|
| (1) Bearing Surface | (3) O-ring Surface |
| (2) Seal Surface | |

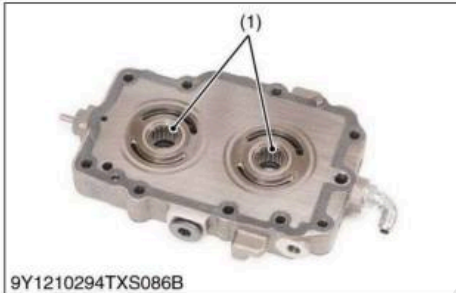
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**HST Motor Shaft**

1. Check the seal surface (2) and the bearing surface (3).
2. If the motor shaft (1) is rough or grooved, replace it.
3. If the ball bearing or needle bearing is worn, replace it.

- | | |
|---------------------|---------------------|
| (1) HST Motor Shaft | (3) Bearing Surface |
| (2) Seal Surface | (4) HST Pump Shaft |

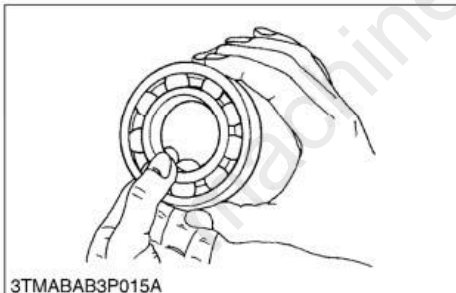
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**Needle Bearing**

1. Check the needle bearing (1) for wear.
2. If the needle bearing (1) is worn, replace it.

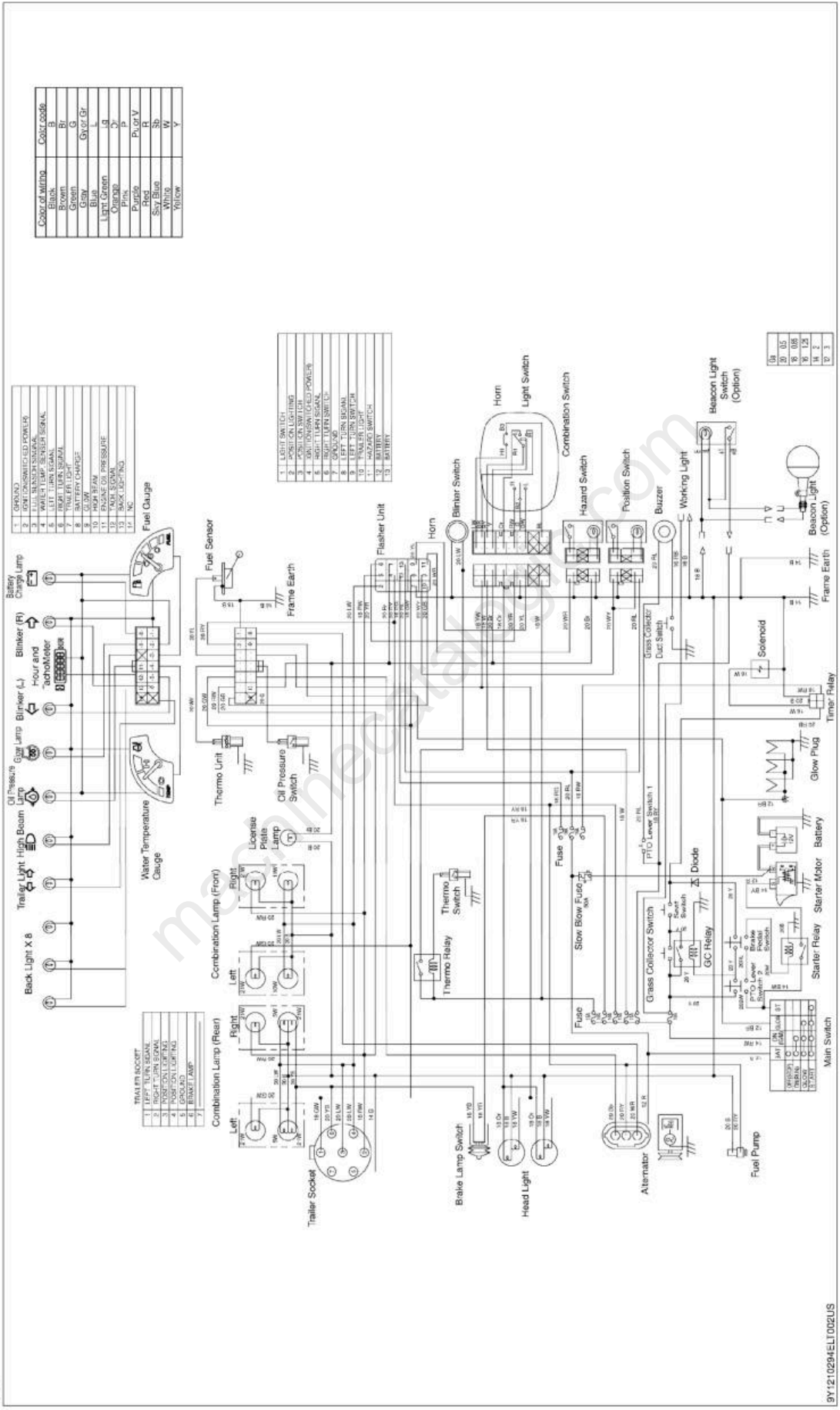
- | |
|--------------------|
| (1) Needle Bearing |
|--------------------|

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(2) Transaxle Case**Bearing**

1. Hold the inner race, and push and pull the outer race in all directions to check wear and roughness.
2. Apply the transmission oil to the bearing, and hold the inner race. And turn the outer race to check rotation.
3. If there are any defect, replace the bearing.

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Full Version Available

Kubota G23 Lawn 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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