WSM

WORKSHOP MANUAL

TRACTOR

ST*α*-30,ST*α*-35

Kubota

KiSC issued 11, 2006 A

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GENERAL

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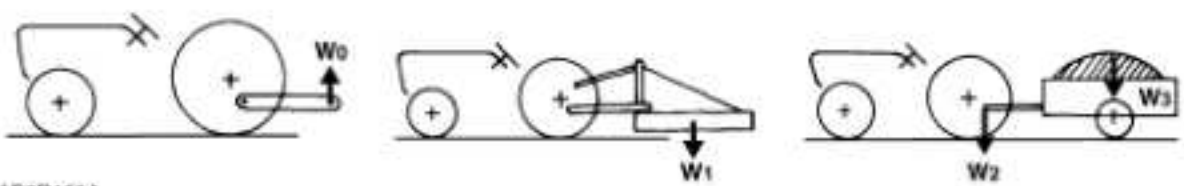
11. IMPLEMENT LIMITATIONS

The KUBOTA Tractor has been thoroughly tested for proper performance with implements sold or approved by KUBOTA. Use with implements which exceed the maximum specifications listed below, or which are otherwise unfit for use with the KUBOTA Tractor may result in malfunctions or failures of the tractor, damage to other property and injury to the operator or others. [Any malfunctions or failures of the tractor resulting from use with improper implements are not covered by the warranty.]

<table>
<tr><td rowspan="2"></td><td colspan="4">Max. width of tire tread</td><td rowspan="2">Lower link end max. lifting capacity W0</td></tr>
<tr><td colspan="2">Front</td><td colspan="2">Rear</td></tr>
<tr><td rowspan="3">STα-30
STα-35</td><td rowspan="2">6 – 12 Farm
6.00 – 12 Farm</td><td rowspan="3">1020 mm
(401.57 in.)</td><td>9.5-22 Farm</td><td>1070 mm
(421.26 in.)</td><td rowspan="3">1150 kg
(2535 lbs)</td></tr>
<tr><td>12.4-16 Farm
(Option)</td><td>1148 mm
(451.97 in.)</td></tr>
<tr><td>24 × 8.50 – 14 Turf</td><td>13.6-16 Turf</td><td>1055 mm
(415.35 in.)</td></tr>
</table>

<table>
<tr><td rowspan="2"></td><td colspan="3">Actual figures</td></tr>
<tr><td>Lift capacity 24 inches behind lower link end W1</td><td colspan="2">Max. Drawbar Load W2</td><td>Trailer loading weight W3
Max. capacity</td></tr>
<tr><td rowspan="2">STα-30
STα-35</td><td rowspan="2">890 kg (1962 lbs)</td><td>Drawber</td><td>500 kg
(1102 lbs)</td><td rowspan="2">1500 kg (3300 lbs)</td></tr>
<tr><td>High-hitch</td><td>490.5 kg
(1081 lbs)</td></tr>
</table>

W0 :Lower link end max. hydraulic lifting capacity
W1 :The implement's weight which can be put on the lower link (Implement weight)
W2 :Max. drawbar load
W3 :The max. loading weight for trailer (without trailer's weight) (Trailer loading weight)

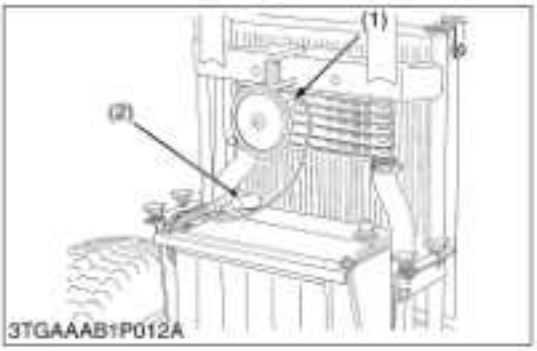


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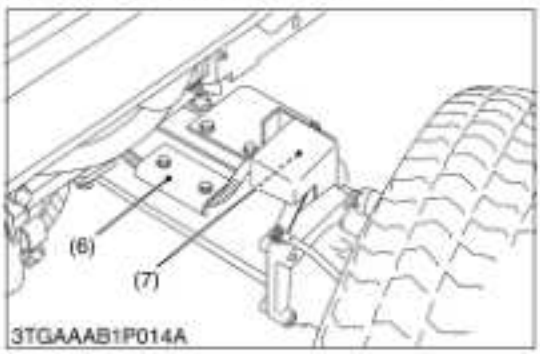
■ **NOTE**

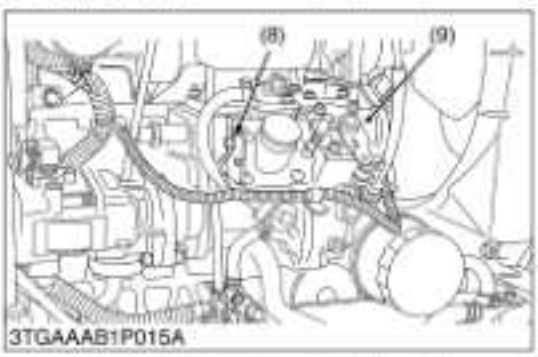
- **Implement size may vary depending on soil operating conditions.**

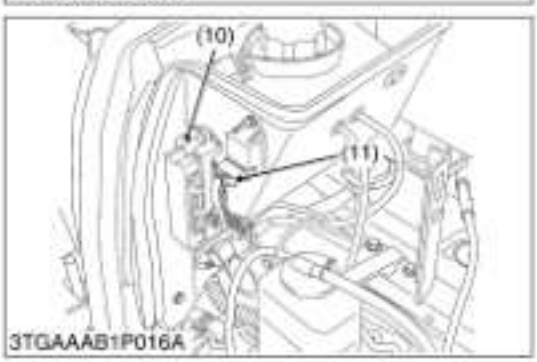
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Wire Connectors

1. Remove or disconnect the connectors, terminals as listed below and figures.
2. Remove the harness from each harness clamp.
3. Remove the fuse box mounting screws, and remove the fuse box assembly (10).

(1) Horn
(2) Battery Positive Code
(3) Alternator
(4) Starter
(5) Engine Oil Pressure Switch
(6) Harness Guide
(7) Front Wheel Turning Angle Sensor
(8) Ground Terminal
(9) Stop Solenoid
(10) Fuse Box Assembly
(11) Timer Relay

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1. TROUBLESHOOTING

Symptom	Probable Cause	Solution	Reference Page
Clutch Drags	• Clutch pedal free travel excessive	Adjust	2-S4
	• Dust on clutch disc generated from clutch disc facing	Remove rust	–
	• Release fork broken	Replace	2-S13
	• Clutch disc or pressure plate warped	Replace	2-S14
Clutch Slips	• Clutch pedal free travel too small	Adjust	2-S4
	• Clutch disc excessively worn	Replace	2-S13
	• Grease or oil on clutch disc facing	Replace	2-S12
	• Clutch disc or pressure plate warped	Replace	2-S14
	• Diaphragm spring weaken or broken	Replace	2-S14
Chattering	• Grease or oil on clutch disc facing	Replace	2-S12
	• Clutch disc or pressure plate warped	Replace	2-S14
	• Clutch disc boss spline worn or rusted	Replace or remove rust	2-S13
	• Clutch shaft bent	Replace	–
	• Pressure plate or flywheel face cracked or scored	Replace	2-S14
	• Clutch disc boss spline and clutch shaft spline worn	Replace	2-S13
	• Diaphragm spring strength uneven or diaphragm spring broken	Replace	2-S14
Rattle During Running	• Clutch disc boss spline worn	Replace	2-S13
	• Release bearing worn or sticking	Replace	2-S13
Clutch Squeaks	• Release bearing sticking or dry	Replace	2-S13
	• Clutch disc excessively worn	Replace	2-S12
Vibration	• Clutch shaft bent	Replace	–
	• Clutch disc rivet worn or broken	Replace	2-S12
	• Clutch parts broken	Replace	2-S12

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