WSM

WORKSHOP MANUAL
TRACTOR

L3010,L3410,L3710,L4310

Kubota

KiSC issued 07, 2020 A

SERVICING

CONTENTS

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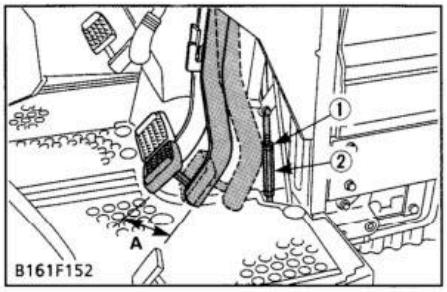
CHECKING AND ADJUSTING



[A] Free Trevel

(1) Lock Nut (2) Turnbuckle

Checking Brake Pedal Free Travel

CAUTION

- **Stop the engine and remove the key, then chock the wheels before checking brake pedal.**

1. Release the parking brake.
2. Slightly depress the brake pedals and measure free travel at top of pedal stroke.
3. If the measurement is not within the factory specifications, loosen the lock nut (1) and adjust with the turnbuckle (2).
4. Retighten the lock nut (1).

Brake pedal free travel	Factory spec.	15 to 20 mm (0.6 to 0.8 in.) on the pedal
	Factory spec.	Keep the free travel in the right and left brake pedals equal

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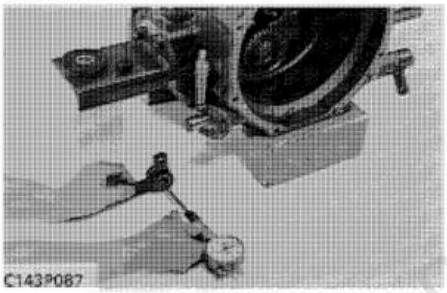
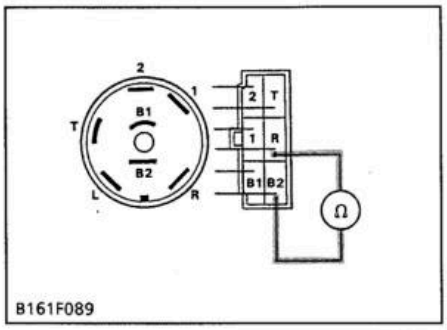


Clearance between Brake Lever Link Shaft and Bushing

1. Measure the brake lever link shaft O.D. with an outside micrometer.
2. Measure the brake lever link bushing I.D. with a cylinder gauge.
3. Calculate the clearance.
4. If the clearance exceeds the allowable limit, replace the bushing.

Clearance between brake lever link shaft and brake lever link bushing	Factory spec.	0.125 to 0.195 mm 0.00492 to 0.00768 in.
	Allowable limit	1.0 mm 0.039 in.
Brake lever link shaft O.D.	Factory spec.	19.955 to 19.975 mm 0.78563 to 0.78642 in.
Brake lever link bushing I.D.	Factory spec.	20.100 to 20.150 mm 0.79134 to 0.79331 in.



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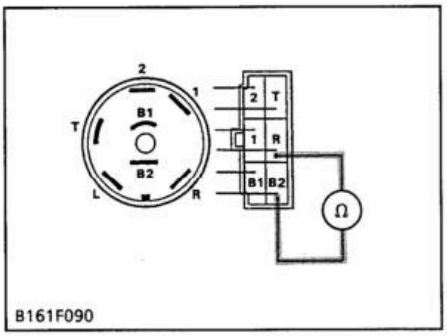
Hazard Light Switch Continuity When Setting Switch Lever at OFF Position

1. Disconnect the connector from the combination switch after disconnect the negative cable from the battery.
2. Set the hazard light switch to the **OFF** position.
3. Measure the resistance with an ohmmeter across the **B2** terminal and **R** terminal.
4. If infinity is not indicated, the combination switch is faulty.

Resistance Switch lever at **OFF** position	**B2** terminal – **R** terminal	Infinity



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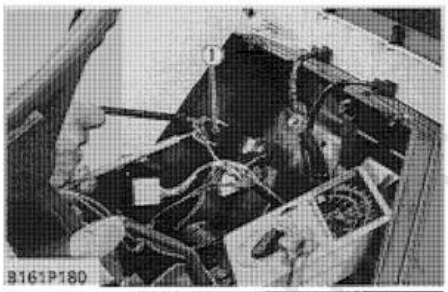
Hazard Light Switch Continuity When Setting Switch Lever at ON Position

1. Set the hazard light switch to the **ON** position.
2. Measure the resistance with an ohmmeter across the **B2** terminal and **R** terminal.
3. If 0 ohm is not indicated, the combination switch is faulty.

Resistance Switch lever at **R** position	**B2** terminal – **R** terminal	0 ohm



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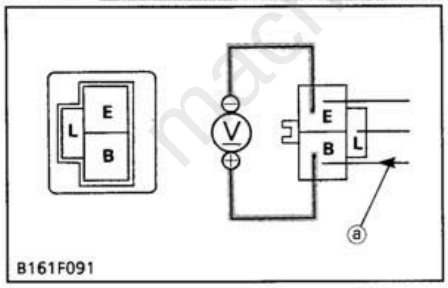
Hazard Unit Connector Voltage

1. Disconnect the connector from the hazard unit after disconnect the negative cord from the battery.
2. Connect the negative cord to the battery, and measure the voltage with a voltmeter across the connector **B** terminal and **E** terminal.
3. If the voltage differs from the battery voltage, the main switch, fuse or wiring harness is faulty.

Voltage	**B** terminal – **E** terminal	Approx. battery voltage



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(a) From Main Switch B Terminal

(1) Hazard Unit

Full Version Available

Kubota L3010 Tractor Workshop Manual

This is a short preview. The complete manual contains all chapters, wiring diagrams, torque specifications and full service procedures.